



**Ionel Haiduc**

**Born:** 9 May 1937 in Cluj (Romania)

**Area of expertise:** Inorganic, organometallic and supramolecular chemistry

***Education:***

**1954-1959:** Babes-Bolyai University, chemistry MSc; **1960-1963:** Lomonosov Institute of Fine Chemicals Technology, PhD (Supervisor: Acad. K.A. Andrianov – organosilicon chemistry); **1966-1968** Iowa State University, Ames, Iowa, USA (postdoctoral research, with prof. Henry Gilman); **1971-1972** University of Georgia, Athens, Georgia, USA (postdoctoral research, with prof. R.B. King).

***Employment:***

**1959-2011:** Babes-Bolyai University, Cluj-Napoca, Romania; (full professor since **1973**); currently Professor Emeritus; **2006 - 2014:** Romanian Academy (Academia Romana) - president

***Membership of Academies:***

**1990** - Correspondent Member of the Romanian Academy; **1991** - Full Member of the Romanian Academy; **2002** - Academia Europaea (London), elected member; **2002** - Academy of Sciences of Moldova (Chisinau) - Honorary member; **2007** - Hungarian Academy of Sciences - Honorary member; **2008** - Montenegrin Academy of Sciences – foreign member; **2009** - Göttinger Akademie der Wissenschaften - Correspondent member; **2009** – Leibniz Sozietät der Wissenschaften, Berlin – Member.

***Visiting Professorships and other positions abroad:***

**1992** - University of Georgia, Athens, Georgia, USA; **1993, 1998** - University of Santiago de Compostela, Spain; **1993-1994** - Instituto de Quimica, Universidad Nacional Autonoma de Mexico; **1993, 2000** - Instituto de Quimica, Universidade Federal de Sao Carlos, Brazil; **1997-** Universität Magdeburg; **1998-1999** - Gauss Professorship, Universität Göttingen; **Germany 2000-2001, 2004** University of Texas at El Paso, Texas, USA; **2002** -Anorganisch Chemisches Institut, Universität Göttingen, Germany (Humboldt Fellowship); **2002** - National University of Singapore.

***Publications (books):***

Ionel Haiduc and Frank T. Edelman: **Supramolecular Organometallic Chemistry**, Wiley-VCH, Weinheim, New York, 1999;

Ionel Haiduc and Cristian Silvestru: **Organometallics in Cancer Chemotherapy. Volume 2. Transition Metal Compounds**, CRC Press, Inc., Boca Raton, Florida, 1990 (366 pag.);

Ionel Haiduc and Cristian Silvestru: **Organometallics in Cancer Chemotherapy. Volume 1. Main Group Metal Compounds**, CRC Press, Inc., Boca Raton, Florida, 1989 (254 pag.);

Ionel Haiduc and D.B. Sowerby (Editors): **The Chemistry of Inorganic Homo- and Heterocycles**; Academic Press, London, New York, 1987 (2 vols.);

Ionel Haiduc and J.J. Zuckerman: **Basic Organometallic Chemistry**, Walter de Gruyter Publ. Co., Berlin, New York, 1985 (488 pag.); Greek translation (Athens, 1987, 414 pag.);

Ionel Haiduc: **The Chemistry of Inorganic Ring Systems**, Wiley-Interscience, London, New York, 1970, 2 vols.;

Ionel Haiduc: **Introducere in chimia ciclurilor anorganice**, Editura Academiei, Bucuresti, 1960 (338 pag.), Polish translation: 1964 (369 pag.)

*Over 360 chemistry articles in specialized journals and chapters in books:*

**Acad. Ionel HAIDUC**

**CHEMISTRY PUBLICATIONS**

(most recent - first)

**BOOKS**

*Ionel Haiduc* and Frank T. Edelmann  
**Supramolecular Organometallic Chemistry**  
Wiley-VCH, Weinheim, New York, **1999** (470 pag.)

*Ionel Haiduc* and Cristian Silvestru  
**Organometallics in Cancer Chemotherapy. Volume 2. Transition Metal Compounds**  
CRC Press, Inc., Boca Raton, Florida, **1990** (366 pag.)

*Ionel Haiduc* and Cristian Silvestru  
**Organometallics in Cancer Chemotherapy. Volume 1. Main Group Metal Compounds**  
CRC Press, Inc., Boca Raton, Florida, **1989** (254 pag.)

*Ionel Haiduc* and D.B. Sowerby (Editors and authors)  
**The Chemistry of Inorganic Homo- and Heterocycles**  
Academic Press, London, New York, **1987** (2 vols.)  
(Vol.1, 416 pag.; vol. 2, 460 pag.)

*I. Haiduc* and J.J. Zuckerman  
**Basic Organometallic Chemistry**  
Walter de Gruyter Publ. Co., Berlin, New York, **1985** (488 pag.)

Greek language translation:

*Ionel Haiduc*, J.J. Zuckerman  
**Βασικη Οργανομεταλλικη Χημεια**  
Εκδοσειξ Παπαξηση, Αθηνα **1987** (414 pag.)

*Ionel Haiduc*  
**Chimia compusilor metalorganici** [*Chemistry of Organometallic Compounds – in Roumanian*]  
Editura Stiintifică, Bucuresti, **1974** (492 pag.)

*Ionel Haiduc*  
**The Chemistry of Inorganic Ring Systems**  
Wiley-Interscience, London, New York, **1970**, 2 vols.  
(Vol.1, 622 pag.; vol. 2, 575 pag.)

Ionel Haiduc

**Introducere in chimia ciclurilor anorganice** [*Introduction to the Chemistry of Inorganic Rings-in Roumanian*]

Editura Academiei, Bucuresti, **1960** (338 pag.)

Polish language translation:

Ionel Haiduc

**Wstep do chemii nieorganicznych zwiazkow pierscieniowych**

PWN Warszawa, **1964** (369 pag.) (updated and revised version).

### **CHAPTERS IN BOOKS:**

Ignez Caracelli, *Ionel Haiduc*, Julio-Zukerman-Schpector and Edward R.T. Tiekink:  
A new non-covalent bonding mode in supramolecular chemistry: Main group element lone-pair-p(arene) interactions  
in vol. **Aromatic Interactions. Frontiers in Knowledge and Applications**,  
Edited by Darren W. Johnson and Fraser Hof, Monographs in Supramolecular Chemistry, Nr.20, The Royal Society of Chemistry, London, p.77-

Ignez Caracelli, *Ionel Haiduc*, Julio-Zukerman-Schpector and Edward R.T. Tiekink:  
Supramolecular architectures based on M(lone pair)... $\pi$ (arene) interactions for M = Se and Te,  
in vol **The Chemistry of Organic Selenium and Tellurium Compounds**, Volume 4, Part 2, Edited by Zvi Rappoport, John Wiley & Sons, Ltd., Chichester, **2013**, pp. 973-988,

*I. Haiduc*

1,1-Dithiolato Ligands

in **Reference Module in Chemistry, Molecular Sciences and Chemical Engineering** (*on line publication*), Elsevier, Amsterdam **2013**, pag. 1-15,

<http://dx.doi.org/10.1016/B978-0-12-409547-2.00884-2>

(update of I. Haiduc, *Comprehensive Coordination Chemistry II*, Volume 1, 2003, pages 349-378).

*I. Haiduc*

Dichalcogenoimidodiphosph(in)ate Ligands

in **Reference Module in Chemistry, Molecular Sciences and Chemical Engineering** (*on line publication*), Elsevier, Amsterdam **2013**, pag. 1-9,

<http://dx.doi.org/10.1016/B978-0-12-409547-2.00928-8>

(update of I. Haiduc, *Comprehensive Coordination Chemistry II*, Volume 1, 2003, pages 323-347).

Julio Zukerman-Schpector, *Ionel Haiduc*, Edward R.T. Tiekink: Supramolecular Self-assembly of Transition Metal Carbonyl Molecules Through M–CO(Lone Pair) . . .  $\pi$ (Arene) Interactions,  
in: **Advances in Organometallic Chemistry**, Vol. 60 ( Anthony F. Hill and Mark J. Fink, editors), Academic Press, Burlington, **2012**, pp. 49-92, ISBN: 978-0-12-396970-5).

*Ionel Haiduc*, Edward R.T. Tiekink and Julio Zukerman-Schpector: Supramolecular Aggregation Patterns and Stereochemical Consequences of Tellurium(lone pair)... $\pi$ (aryl) Interactions  
in vol. **The Importance of Pi-Interactions in Crystal Engineering, Frontiers in Crystal Engineering** First Edition -Edited by E.R.T. Tiekink and J. Zukerman-Schpector, John Wiley & Sons, Ltd., New York, **2012**, p. 301-322.

*Ionel Haiduc*: Inorganic (Carbon-Free) Chelate Rings: A Dithioimidodiphosphinato Ligand and Some of its Metal Complexes,  
in vol. **Inorganic Experiments**, Third, Revised Edition, Edited by J. Derek Woollins, Wiley-VCH Verlag GmbH&Co, KGaA, Weinheim, **2010**, p. 229-233 (reprinted of 1994 edition).

*Ionel Haiduc*, Edward R.T. Tiekink, and Julio Zukerman-Schpector: Intermolecular tin $\cdots\pi$ -aryl interactions: fact or artifact? A new bonding motif for supramolecular self-assembly in organotin compounds  
in vol. **Tin Chemistry – Fundamentals, Frontiers and Applications**, Edited by M. Gielen, John Wiley & Sons, Ltd., Chichester, **2008**, pag. 392-411.

*Ionel Haiduc*: Supramolecular Organometallic Compounds  
in vol. **Encyclopedia of Supramolecular Chemistry**, Taylor and Francis, Ltd, London, **2007**, vol. 1:1, pag. 1-8.  
[http:// dx.doi.org/10.1081/E-ESMC-120041765](http://dx.doi.org/10.1081/E-ESMC-120041765)

*Ionel Haiduc*: 1,1-Dithiolato ligands and related selenium and tellurium compounds  
in vol. **Handbook of Chalcogen Chemistry. New Perspectives in Sulfur, Selenium and Tellurium**, Edited by F. Devillanova, RSC Publishing, The Royal Society of Chemistry, London, **2007**, pag. 593-643.

*Ionel Haiduc*, Hemant K. Sharma and Keith H. Pannell: Organolead Chemistry  
in vol. **Lead. Chemistry, analytical aspects, environmental impact and health effects**, Edited by José S. Casas and José Sordo, Elsevier Publ. Co., Amsterdam, **2006**, pag. 100-157.

*Ionel Haiduc*: Phosphorus-Nitrogen Compounds  
in vol. **Encyclopedia of Inorganic Chemistry-Second Edition**, Edited by R.B. King, J. Wiley & Sons, Chichester, New York, Sept. **2005**, vol. 7, pp. 4329-4355

*Ionel Haiduc*: Inorganic Ring Systems

in vol. **Encyclopedia of Inorganic Chemistry-Second Edition**, Edited by R.B. King, J. Wiley & Sons, Chichester, New York, **2005**, vol. 4, pp. 2028-2055.

Edward R.T. Tiekink, *Ionel Haiduc*: Stereochemical aspects of metal xanthate complexes. Molecular structures and supramolecular self-assembly  
in vol. **Progress in Inorganic Chemistry**, Edited by K.D. Karlin, J. Wiley & Sons, London, New York, **2005**, vol. **54**, Chapter 3, pp. 127-319.

Ionel Haiduc: Secondary bonding  
in vol. **Encyclopedia of Supramolecular Chemistry**, Edited by J. Steed and J. Atwood, Marcel Dekker, Inc., New York, **2004**, p. 1215-1224.

Ionel Haiduc: 1,1-Dithiolato Ligands  
in vol. **Comprehensive Coordination Chemistry II. From Biology to Nanotechnology**, J.A. McCleverty, T.J. Meyer, Editors-in-Chief, Volume 1, **Fundamentals**, Edited by A.B.P. Lever, Elsevier, **2003**, Chapter 1.15, pag. 349-376.

Ionel Haiduc: Dichalcogenoimidodiphosph(in)ate Ligands  
in vol. **Comprehensive Coordination Chemistry II. From Biology to Nanotechnology**, J.A. McCleverty, T.J. Meyer, Editors-in-Chief, Volume 1, **Fundamentals**, Edited by A.B.P. Lever, Elsevier, **2003**. Chapter 1.14, pag. 323-347.

Hemant K. Sharma, *Ionel Haiduc*, Keith H. Pannell : Transition metal complexes of germanium, tin and lead  
in vol. **The Chemistry of Organic Germanium, Tin and Lead Compounds**, Editor: Zvi Rappoport, John Wiley & Sons, Ltd, Chichester, UK, **2002**, Vol. 2 (Part 2), Chapter 17, pp. 1241-1332.

Ionel Haiduc: Cyclic inorganic oligomers and polymers  
in vol. **Cyclic Polymers**, Second edition, Edited by J.A. Semlyen, Kluwer Academic Publishers, Dordrecht, **2000**, Chapter 14, pp. 601-698.

Herbert W. Roesky and *Ionel Haiduc*: Molecular solids: self-assembled host-guest organometallic aggregates  
in vol. **Advances in Molecular Structure Research**, Edited by M. Hargittai and I. Hargittai, JAI Press Inc., Stanford, Conn, **2000**, Vol. **6**, p. 75-95.

*Ionel Haiduc* and R.B. King: Large Inorganic Ring Molecules  
in vol. **Large Ring Molecules**, Edited by J. Semlyen, John Wiley & Sons, Chichester, New York, **1996**, pag. 525-598.

Cristian Silvestru and *Ionel Haiduc*: Organoantimony(III) compounds. A new class of organometallic antitumor agents  
in vol. **Main Group Elements and their Compounds**, V.G. Kumar Das, Editor, Narosa Publishing House, New Delhi, India, **1996**, p. 453-462 (9 pages).

*Ionel Haiduc* and Cristian Silvestru: Supramolecular associations in organotin, organoantimony and other main group organometallic compounds  
in vol. **Main Group Elements and their Compounds**, V.G. Kumar Das, Editor, Narosa Publishing House, New Delhi, India, **1996**, p. 355-369 (14 pages).

Ionel Haiduc: Inorganic (Carbon-Free) Chelate Rings: A Dithioimidodiphosphinato Ligand and Some of its Metal Complexes,  
in vol. **Inorganic Experiments**, Edited by J. Derek Woollins,  
VCH Weinheim, New York, Basel, Cambridge, Tokyo, **1994**, p. 145-149.

Ionel Haiduc: Comments on the nomenclature of inorganic ring systems  
in vol. **The Chemistry of Inorganic Ring Systems**, Edited by R. Steudel, Elsevier Science Publishers, Amsterdam, **1992**, p. 451-477.

I. Haiduc: An inorganic chemist's view on polymer chemistry  
In vol. **IUPAC Macromolecular Division, 29th International Symposium on Macromolecules. Plenary and invited lectures**, Bucharest, Romania, September 5-9, **1983**, Part 1, p. 449-476.

I. Haiduc: Cyclic sulfur-nitrogen compounds  
in vol. **Methodicum Chemicum. Vol.7B, Main Group Elements and their Compounds**, Edited by H. Zimmer and K. Niedenzu, Academic Press, New York, **1979**, p. 789-809.

*I. Haiduc* and K.J. Wynne: Carbon-sulfur(VI) compounds  
in vol. **Methodicum Chemicum. Vol.7B, Main Group Elements and their Compounds**, Edited by H. Zimmer and K. Niedenzu, Academic Press, New York, **1979**, p. 670-734.

K.J. Wynne and *I. Haiduc*: Carbon-sulfur(IV) compounds  
in vol. **Methodicum Chemicum. Vol. 7B, Main Group Elements and their Compounds**, Edited by H. Zimmer and K. Niedenzu, Academic Press, New York, **1979**, p. 652-669.

*I. Haiduc* and V. Popa: Metal complexes of  $\pi$ -ligands containing organosilicon groups  
in vol. **Advances in Organometallic Chemistry**, Edited by F.G.A. Stone and R. West, Academic Press, New York, **1977**, Vol. 15, p. 113-146.

I. Haiduc: Recent advances in sulfur-nitrogen inorganic heterocycles  
in vol. **Annual Reports in Inorganic and General Synthesis-1976**, Edited by H. Zimmer, Academic Press, New York, **1977**, p. 350-372.

L. Marta and *I. Haiduc*: The platinum metals. Part I. Ruthenium, osmium, rhodium and iridium

in vol. **Annual Reports in Inorganic and General Synthesis-1976**, Edited by H. Zimmer, Academic Press, New York, **1977**, p. 241-263.

I. Haiduc: Cyclische Schwefel-Stickstoff Verbindungen  
in vol. **Methodicum Chemicum, Band 7. Hauptgruppenelemente und deren Verbindungen**. Herausgegeben von H. Zimmer und K. Niedenzu, G. Thieme Verlag, Stuttgart, **1976**, p.811-829.

*I. Haiduc* und K.J. Wynne: Kohlenstoff-Schwefel(VI) Verbindungen  
in vol. **Methodicum Chemicum, Band 7. Hauptgruppenelemente und deren Verbindungen**. Herausgegeben von H. Zimmer und K. Niedenzu, G. Thieme Verlag, Stuttgart, **1976**, p.699-756.

K.J. Wynne und *I. Haiduc*: Kohlenstoff-Schwefel(IV) Verbindungen  
*In vol. Methodicum Chemicum, Band 7. Hauptgruppenelemente und deren Verbindungen*. Herausgegeben von H. Zimmer und K. Niedenzu, G. Thieme Verlag, Stuttgart, **1976**, p.683-698.

## **REVIEW ARTICLES IN JOURNALS**

Ionel Haiduc

Inverse coordination - an emerging new chemical concept. II. Halogens as coordination centers

**Coord. Chem. Rev.** **2017**, 348, 71–91

DOI: 10.1016/j.ccr.2017.08.012

Ionel Haiduc

Inverse coordination - an emerging new chemical concept. Oxygen and other chalcogens as coordination centers

**Coord. Chem. Rev.** **2017**, 338 , 1-26

DOI:10.1016/j.ccr.2017.02.016

Ignez Caracelli, Julio Zukerman-Schpector, *Ionel Haiduc* and Edward R. T. Tiekink  
Main group metal lone-pair... $\pi$ (arene) interactions:a new bonding mode for supramolecular associations

**CrystEngComm**, **2016**, 18, 6960-6978.

Ionel Haiduc

Dithioarsinates. A mini-review

**Studia UBB, Chemia**, **2016**, **61** (3), 9-18.

Ionel Haiduc

Inorganic (carbon-free) cyclic structures. Covalent rings and cyclic supermolecules.

**Revue Roumaine de Chimie**, **2014**, **59** (11-12) 905-918.



Ignez Caracelli, *Ionel Haiduc*, Julio-Zukerman-Schpector, Edward R.T. Tiekink: M... $\pi$ (arene) interactions for M = gallium, indium and thallium: Influence upon supramolecular self-assembly and prevalence in some proteins

**Coord. Chem. Revs.** **2014**, **281**, 50-63.

<http://dx.doi.org/10.1016/j.ccr.2014.09.001>

Ignez Caracelli, *Ionel Haiduc*, Julio-Zukerman-Schpector, Edward R.T. Tiekink: Delocalized antimony(lone pair)- and bismuth(lone pair)... $\pi$ (arene) interactions. Supramolecular assembly and other considerations.

**Coord. Chem. Revs.** **2013**, **257**, 2863-2879.

Ionel Haiduc: Supramolecular aspects of tin and lead chemistry

**Appl. Organomet. Chem.** **2007**, **21**(7) 476-482.

Ionel Haiduc: Silicone grease: a serendipitous reagent for the synthesis of exotic molecular and supramolecular compounds

**Organometallics**, **2004**, **23** (1) 3-8.

Ionel Haiduc: Metals in medicine – a promising area of interdisciplinary research in vol. **Metal Elements in Environment, Medicine and Biology**, Edited by Z. Garban and P. Dragan, Tome VI, Publishing House “Eurobit”, Timisoara, **2004**, p. 27-34.

Herbert W. Roesky, *Ionel Haiduc* and Narayan Hosmane: Organometallic oxides of main group and transition elements downsizing inorganic solids to small molecular fragments.

**Chem. Revs.** **2003**, **103** (7) 2579-2596.

*Ionel Haiduc* and Lai Yoong Goh: Reactions of bis(thiophosphoryl)disulfanes and bis(thiophosphinyl)disulfanes with metal species: an alternative, convenient route to metal complex and organometallic dithiophosphates and dithiophosphinates

**Coord. Chem. Rev.** **2002**, **224** (1/2) 151-170.

Julio-Zukerman-Schpector and *Ionel Haiduc*: Tellurium... $\pi$ -aryl interactions: a new bonding motif for supramolecular self-assembly and crystal engineering

**CrystEngComm** **2002**, **4** (33) 178-193.

*Ionel Haiduc* and Julio Zukerman-Schpector: Supramolecular self-assembly through secondary bonds in organotellurium chemistry

**Phosphorus, Sulfur & Silicon** **2001**, **171**, 171-185.

Julio Zukerman-Schpector and *Ionel Haiduc*: Diorganotellurium(IV) dihalides and secondary bonding; revisiting the coordination polyhedra

**Phosphorus, Sulfur & Silicon** **2001**, **171**, 73-112.

Ionel Haiduc: Thiophosphorus and related ligands in coordination, organometallic and supramolecular chemistry. A personal account.

**J. Organomet. Chem.** **2001**, **623** (1/2) 29-42.

Herbert W. Roesky and *Ionel Haiduc*: Fluorine as a structure-directing element in organometallic fluorides: discrete molecules, supramolecular self-assembly and host-guest complexation

**J. Chem. Soc., Dalton Trans.**, **1999** (14) 2249-2264 (Dalton Perspectives)

Ionel Haiduc: Supramolecular associations, secondary bonds, quasi-cyclic structures and heterogeometrism in metal derivatives of phosphorus- and arsenic-based thioacids and oxo analogues

**Coord. Chem. Revs.** **1997**, **158**, 325-358.

Ionel Haiduc: Metals in medicine: past, present, future

in vol. "**Metal Elements in Environment, Chemistry and Biology**", Edited by Z. Garban and D. Dragan, (Proceedings of the 2nd International Symposium on Metal Elements in Environment, Medicine and Biology, Timisoara, October 27-29, 1996), Publishing House "Eurobit" Timisoara, **1997**, pag. 35-42.

*Ionel Haiduc* and D. Bryan Sowerby: Stereochemical aspects of phosphor-1,1-dithiolato metal complexes: coordination patterns, molecular structures and supramolecular associations in dithiophosphinates and related compounds (Polyhedron Report Number 60).

**Polyhedron** **1996**, **15**(15) 2469-2521.

Cristian Silvestru and *Ionel Haiduc*: Structural patterns in inorganic and organoantimony derivatives of oxo- and thiodiorgano-phosphorus ligands

**Coord. Chem. Rev.** **1996**, **147**, 117-146.

*Ionel Haiduc*, D. Bryan Sowerby and Shao-Fang Lu: Stereochemical aspects of phosphor-1,1-dithiolato metal complexes (dithiophosphates, dithiophosphinates): coordination patterns, molecular structures and supramolecular associations. I (Polyhedron Report Number 57)

**Polyhedron** **1995**, **14** (23/24) 3389-3472.

*I. Haiduc*, R.B. King and M.G. Newton: Stereochemical aspects of tellurium complexes with sulfur ligands. Molecular compounds and supramolecular associations

**Chem. Revs.** **1994**, **94** (2) 301-326.

Ionel Haiduc: A graph-based classification and enumeration of inorganic homo- and heterocycles

**Phosphorus, Sulfur and Silicon**, **1992**, **64**, 169-178.

*Ionel Haiduc* and Cristian Silvestru: Metal compounds in cancer chemotherapy

**Coord. Chem. Revs. 1990, 99, 253-296.**

*Ionel Haiduc and Cristian Silvestru: Rhodium, iridium, copper and gold antitumor organometallic compounds (review)*

**In Vivo 1989, 3, 285-293.**

*Maria Curtui and Ionel Haiduc: Extractia toriului si a pamanturilor rare cu acizi dialchiliditiofosforici [Extraction of thorium and rare earths with dialkyldithiophosphoric acids – in Roumanian]*

**Rev. Chim. (Bucuresti) 1988, 39, 1099-1102.**

*Ionel Haiduc and Ioan Silaghi-Dumitrescu: Inorganic (carbon-free) chelate rings*

**Coord. Chem. Revs. 1986, 74, 127-270**

*I. Haiduc si C. Silvestru: Preparate neconventionale in chimioterapie cancerului*

*[Unconventional compounds in cancer chemotherapy – in Roumanian]*

in vol. “**Cancer-Chimioterapie actuala**”, Colectia Enciclopedica Oncologica, vol.12, Cluj-Napoca, **1983**, p.133-144.

*Ionel Haiduc: The coverage of inorganic heterocycles in Chemical Abstracts*

**J. Chem. Inf. Computer Sci. 1983, 23, 74-79**

*Ionel Haiduc: Inorganic cyclic compounds: Annual review covering year 1980*

**Revs. Inorg. Chem. 1983, 5, 7-121**

*Ionel Haiduc: Contributii la chimia coordinativa a liganzilor ditiofosforici [Contributions to the coordination chemistry of dithiophosphorus ligands – in Roumanian]*

**Rev. Chim. (Bucuresti) 1982, 33, 234-238.**

*Cristian Silvestru and Ionel Haiduc: Combinatiile coordinative si organometalice in chimioterapie cancerului [Coordination and organometallic compounds in cancer chemotherapy – in Roumanian]*

**Rev. Chim. (Bucuresti) 1982, 33, 81-88.**

*I. Haiduc: Interconversion reactions of inorganic heterocycles*

**Rev. Inorg. Chem. 1982, 4, 179-210.**

*Ionel Haiduc: A survey of the nomenclature of inorganic ring systems. Proposals for a unified nomenclature*

**Revs. Inorg. Chem. 1980, 2, 219-249.**

*Ionel Haiduc: Some tendencies in the literature of organometallic chemistry*

**J. Chem. Documentation 1972, 12, 175-178.**

Ionel Haiduc: Chimia heterociclurilor cu siliciu si azot [*The chemistry of silicon-nitrogen heterocycles - in Roumanian*]

**Studii Cercet. Chimie (Bucuresti) 1967, 15, 71-127.**

Ionel Haiduc: Combinatiile organice ale siliciului. II. Polimeri silicoorganici [*Organic compounds of silicon. I. Organosilicon polymers - in Roumanian*]

**Studii Cercet. Chimie (Bucuresti) 1965, 13, 813-833.**

Ionel Haiduc: Combinatiile organice ale siliciului. I. Monomeri silicoorganici [*Organic compounds of silicon. I. Organosilicon monomers - in Roumanian*]

**Studii Cercet. Chimie (Bucuresti) 1965, 13, 789-811.**

K.A. Andrianov, I. Haiduc [*I. Khaiduk*] and L.M. Khananashvili: The ability of elements to form polymers with inorganic chain molecules [*original in Russian*]

**Uspekhi Khim. 1965, 34 (1), 27-43.**

**Russ. Chem. Revs. (Engl. transl.) 1965, 34 (1), 13-21.**

Reprinted in the volume "**Progress of Polymer Chemistry**" [*original in Russian*], Edited by V.V. Korshak, Izdatel'stvo Akademii Nauk SSSR, Moskva, 1969, p.32-.

Ionel Haiduc: Carboranii  $B_nC_2H_{n+2}$  - o noua clasa de compusi cvasiaromatici

[*Carboranes  $B_nC_2H_{n+2}$  - a new class of quasiaromatic compounds - in Roumanian*]

**Studii Cercet. Chimie (Bucuresti) 1964, 13, 783-803.**

K.A. Andrianov, I. Haiduc and L.M. Khananashvili: Inorganic cyclic silicon-containing compounds and their organic derivatives [*original in Russian*]

**Uspekhi Khim. 1963, 32, 539-589.**

**Russian Chem. Revs. (Engl. transl.) 1963, 32 (8), 243-268.**

I. Haiduc: Polymeric coordination compounds [*original in Russian*]

**Uspekhi Khim. 1961, 30, 1124-...**

**Russ. Chem. Revs. (Engl. transl.) 1961, 30 (9), 498-526....**

## **RESEARCH PAPERS**

**2016**

Luminita Silaghi-Dumitrescu, Eugenia Harsan, Julio-Zukerman-Schpector, Edward R.T. Tiekink and Ionel Haiduc

An inorganic helix in the supramolecular structure of trimethyltin diphenylarsinate,  $[[Me_3Sn(O_2AsPh_2)]_n]$ : A structural comparison of triorganotin arsinates and phosphinates

**Rev. Roumaine Chim. submitted**

Yee Seng Tan, Aliaa Diyana Azizuddin, Marius V. Câmpian, *Ionel Haiduc* and Edward R. T. Tiekink  
Serendipitous compositional and structural diversity in urotropine adducts of binary cadmium xanthates  
**Z. Kristallogr.** 2016, **231** (3) 155-165.

## 2015

Alina-Elena Ghionoiu, Delia-Laura Popescu, Catalin Maxim, Augustin M. Madalan, *Ionel Haiduc*, Marius Andruh  
Atmospheric CO<sub>2</sub> capture by a triphenyltin-1,2-bis(4-pyridyl)ethane system with formation of a rare trinuclear carbonato-centered core  
**Inorg. Chem. Commun.** 2015, **58**, 71-73.

## 2013

Natalia Candu, Mădălina Tudorache, Mihaela Florea, Elena Ilyes, Florin Vasiliu, Ionel Mercioniu, Simona M. Coman, *Ionel Haiduc*, Marius Andruh, Vasile I. Parvulescu  
Postsynthetic Modification of a Metal–Organic Framework (MOF) Structure for Enantioselective Catalytic Epoxidation  
**ChemPlusChem** 2013, **78** (5) 443-450.

Marius V. Câmpian, *Ionel Haiduc* and Edward R. T. Tiekink  
Supra- versus intra-molecular  $\pi \dots \pi$  interactions in  $M(S_2COR)_2(\text{dafone})$  compounds:  $M = \text{Zn}$  and  $\text{Cd}$ ; dafone = 4,5-diazafluoren-9-one- $N,N'$   
**Z. Kristallogr.- Cryst. Mater.** 2013, **228** (4) 204-209.

Marius V. Câmpian, *Ionel Haiduc* and Edward R. T. Tiekink  
Steric control over  $C=O \dots C=O$  interactions in the crystal structures of  $M(S_2COR)_2(\text{dafone})$  compounds:  $M = \text{Zn}$  and  $\text{Cd}$ ;  $R = \text{Me}$ ,  $\text{Et}$  and  $i\text{Pr}$ ; dafone = 4,5-diazafluoren-9-one- $N,N'$   
**Z. Kristallogr.- Cryst. Mater.** 2013, **228** (4) 187-198.

## 2012

Elena Ilyes, Mihaela Florea, Augustin M. Madalan, *Ionel Haiduc*, Vasile I. Parvulescu, and Marius Andruh  
A robust metal-organic framework constructed from alkoxo-bridged binuclear nodes and hexamethylenetetramine spacers: crystal structure and sorption studies  
**Inorg. Chem.** 2012, **51** (15) 7954-7956. DOI 10.1021/ic301139j

Tibor-Gabor Kocsor, Dimitri Matioszek, Gabriela Nemeş, Annie Castel, Jean Escudié, Petronela M. Petrar, Nathalie Saffon, *Ionel Haiduc*  
Chalcogeno[bis(phosphaalkenyl)] germanium and tin compounds  
**Inorg. Chem.** 2012, **51** (14) 7782-7787. DOI 10.1021/ic300810q

## 2011

Julio Zukerman-Schpector, *Ionel Haiduc* and Edward R.T. Tiekink  
The metal–carbonyl... $\pi$ (aryl) interaction as a supramolecular synthon for the stabilisation of transition metal carbonyl crystal structures  
**Chem. Commun.**, 2011, **47** (47) 12682-12684. / DOI 10.1039/c1cc15579b

Marius V. Câmpian, *Ionel Haiduc*, Peter Lönnecke and Edward R. T. Tiekink  
Crystal and molecular structures of two triphenyllead xanthates,  $\text{Ph}_3\text{Pb}(\text{S}_2\text{COR})$ , R = Me and i-Pr, featuring weak intramolecular Pb...O interactions  
**Z. Kristallogr.** 2011, **226**, 780-785. DOI 10.1524/zkri.2011.1416

## 2010

Liviu Bolundut, *Ionel Haiduc*, Gabriele Kociok-Köhn and Kieran C. Molloy:  
Supramolecular self-assembly in the lead(II) bis(di-iso-butyldithiophosphate).1,10-phenanthroline adduct,  $\text{Pb}[\text{S}_2\text{P}(\text{O}^i\text{Bu})_2]_2\cdot\text{Phen}$   
**Rev. Roumaine Chim.** 2010, **55** (11-12) 741-746.

Liviu Bolundut, *Ionel Haiduc*, Elena Ilyes, Gabriele Kociok-Köhn, Kieran C. Molloy, Santiago Gómez-Ruiz: Hydrogen bond supramolecular self-assembly in nickel(II) dithiophosphates,  $\text{Ni}[\text{S}_2\text{P}(\text{OR})_2]_2$ , R = *sec*-Bu, *iso*-Bu, and their bis(pyrazole) adducts  
**Inorg. Chim. Acta**, 2010, **363** (15) 4319-4323;  
available on-line: DOI:10:1016/j.ica.2010.07.017

Marius V. Câmpian, *Ionel Haiduc* and Edward R. T. Tiekink: Crystal and molecular structures of two 1:1 adducts of bis(O-ethylthiocarbonato-S,S')manganese(II):  $\text{Mn}(\text{S}_2\text{COCH}_2\text{CH}_3)_2(1,10\text{-phenanthroline})$  and  $\text{Mn}(\text{S}_2\text{COCH}_2\text{CH}_3)_2(2,2'\text{-bipyridyl})$   
**J. Chem. Crystallogr.**, 2010, **40** (11) 1029-1034;  
available on-line: DOI:10.1007/s10870.010.9790-y

Karina Dominguez-Guzman, Ana L. Carrasco, Marco A. Leyva, María J. Rosales-Hoz, *Ionel Haiduc*, Cristian Silvestru: The reaction of  $[\text{Os}_6(\text{CO})_{18}]$  with  $[(\text{SPPH}_2)_2\text{NH}]$ : Facile rearrangement of the metal framework  
**Inorg. Chim. Acta** 2010, **363** (11) 2661-2663.

## 2009

Efrén V. García-Báez, M. Gabriela Ballinas-López, María J. Rosales-Hoz, Marco A. Leyva, *Ionel Haiduc*, Cristian Silvestru: Reactivity of  $[\text{Ru}_3(\text{CO})_{12}]$  towards  $(\text{EPR}_2)(\text{E}'\text{PR}'_2)\text{NH}$  ( $\text{R} = \text{Ph}, \text{Me}; \text{R}' = \text{Ph}; \text{E}, \text{E}' = \text{O}, \text{S}, \text{Se}$ ):  $^{31}\text{P}$  and  $^{77}\text{Se}$  NMR spectroscopic characterization and structural analysis of the complexes formed  
**Polyhedron** 2009, **28** (17) 3747-3754.

Mircea Braban, *Ionel Haiduc*, and Peter Lönnecke: *catena*-Poly[[[(2,2'-bipyridyl)copper(II)]- $\mu$ -L-alaninato]perchlorate monohydrate]  
**Acta Cryst.** 2009, **E65**, m51; Supplementary material sup1-sup10.

## 2008

Mircea Braban, *Ionel Haiduc*: The structure of  $[\text{Cu}(\text{bipy})_3][\text{Cu}(\text{bipy})(\text{ala})(\text{ClO}_4)_2]\text{ClO}_4$  – a compound with two different coordination modes in the same complex  
**Revista de Chimie (Bucuresti)** 2008, **59** (11) 1213-1215.

Liviu Bolundut, *Ionel Haiduc*, Mary Mahon, Kieran C. Molloy: A dinuclear adduct of bis(di-sec-butyl)dithiophosphato)cadmium(II) built around the hexamethylenetetramine cage as coordination center  
**Revista de Chimie (Bucuresti)** 2008, **59** (11) 1194-1196.

Mircea Braban, *Ionel Haiduc*, Mathias Noltemeyer, Herbert W. Roesky, H.-G. Schmidt: A supramolecular chloride-water tape of six- and five-membered rings as template in the crystal structure of di- $\mu_2$ -hydroxo-bis(diethylenetriamine) dicopper(II) dichloride trihydrate,  $\{[\text{Cu}(\text{dien})(\mu\text{-OH})]^+\text{Cl}^-\}_2 \cdot 3\text{H}_2\text{O}$   
**Inorg. Chem. Commun.** 2008, **11** (4) 442-445.

Steffen Blaurock, Frank T. Edelmann, *Ionel Haiduc*, Gellert Mezei and Peter Poremba: Dimeric thiophosphorus complexes of sodium and zinc: Structural characterization of  $[(\text{THF})_2\text{NaO}(\text{S})\text{PPh}_2]_2$  and  $[\text{Zn}(\text{S}_2\text{P}(\text{OMe})\text{C}_6\text{H}_4\text{OEt-}p)_2]_2$   
**Inorg. Chim Acta.** 2008, **361**, 407-410.

Steffen Blaurock, Frank T. Edelmann, Axel Fischer and *Ionel Haiduc*: Eight- and twelve-membered cyclosilazoxanes: Structural investigation of two N-pentafluorophenyl-substituted eight-membered  $\text{Si}_4\text{N}_3\text{O}$  and twelve-membered  $\text{Si}_6\text{N}_2\text{O}_4$  rings.  
**Z. Anorg. Allg. Chem.** 2008, **634** (1) 34-36.

## 2007

M.M. Venter, V. Chis, S. Cinta Pinzaru, V.N. Bercean, M. Ilici, *I. Haiduc*: Synthesis and vibrational studies on new complexes of monodeprotonated (4H-5-mercapto-1,3,4-thiadiazol-2-yl) thioacetic acid

**Studia Univ. Babeş-Bolyai, Chemia** 2007, **52** (1) 55-60

Marius V. Câmpian, *Ionel Haiduc* and Radu T. Semeniuc: [1,4-Bis(diphenylphosphino)butane- $\kappa^2P,P$ ](dithiocarbonato- $\kappa^2-S,S$ )nickel(II)

**Acta Crystallogr.** 2007, **E63**, m2168; Sup. 1-10.

## 2006

Marius Câmpian, *Ionel Haiduc* and Edward R.T. Tiekink: Bis(O-benzyl dithiocarbonato-S,S)bis(3-methylpyridine-N)nickel(II)

**Acta Crystallogr.** 2006, **E62**, m3516–m3517.

*Ionel Haiduc*, Gellert Mezei, Rodica Micu-Semeniuc, Frank T. Edelmann, Axel Fischer: Differing Coordination Modes of (O-Alkyl)-p-Ethoxyphenyldithiophosphonato Ligands in Copper(I), Silver(I) and Gold(I) Triphenylphosphine Complexes

**Z. anorg. Allg. Chem.** 2006, **632** (2) 295-300.

## 2005

Ramesh N. Kapoor, Paulette Guillory, Louis Schulte, Francisco Cervantes-Lee, *Ionel Haiduc*, László Párkányi and Keith H. Pannell: Di(*p*-*tert*-butylphenyl)-*N,N*-di-(*iso*-butyl)carbamoylmethylphosphine oxide and its organotin and uranyl adducts: structural and spectroscopic characterization

**Appl. Organomet. Chem.** 2005, **19** (4), 510-517.

Hemant Sharma, Francisco Cervantes-Lee, *Ionel Haiduc* and Keith H. Pannell : Unprecedented self-assembled cyclic hexamer of ferrocenyldimethylsilanol, [FcSiMe<sub>2</sub>OH]<sub>6</sub> (Fc =  $\eta^5$ -C<sub>5</sub>H<sub>5</sub>)Fe( $\eta^5$ -C<sub>5</sub>H<sub>4</sub>)

**Appl. Organomet. Chem.** 2005, **19** (4), 437-439.

Andrea Deák, Szilvia Kárpáti, György Vanko, Alajos Kálmán and *Ionel Haiduc*: Combining coordination chemistry with hydrogen bonds: perturbation of the structures by interaction of an organotin(IV) complex with O-donor solvent molecules

**Inorg. Chim. Acta** 2005, **358** (4) 1012-1018.

## 2004

*Ionel Haiduc*, Rodica-Micu Semeniuc, Radu F. Semeniuc, Marius Campian, Axel Fischer and Frank T. Edelmann: Molecular structure and solid state supramolecular self-organization of nickel(II) di(methoxyethylxanthato) bi(pyridine) adduct, Ni(S<sub>2</sub>COCH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>)<sub>2</sub>.2C<sub>5</sub>H<sub>5</sub>N

**Rev. Roumaine Chim.** 2004, **49** (3/4) 177-184.



## 2003

*Ionel Haiduc*, Radu F. Semeniuc, Marius Campian, Victor Ch. Kravtsov, Yurii A. Simonov and Janusz Lipkowski: The reaction of nickel(II) xanthates with tetraphenyldiphosphinoethane (dppe) revisited. Formation and crystal structures of  $\text{Ni}_3\text{S}_2(\text{S}_2\text{COR})_2(\text{dppe})$  (R = Me, Et; dppe =  $\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2$ ) at room temperature and of  $\text{Ni}(\text{S}_2\text{CO})(\text{dppe})$  at 150 K  
**Polyhedron**, 2003, **22** (21) 2895-2900.

Jose S. Casas, Alfonso Castineiras, *Ionel Haiduc*, Agustin Sánchez, Radu F. Semeniuc and Jose Sordo:  
Supramolecular Self-Assembly of  $\text{Ph}_2\text{Tl}(\text{S}_2\text{COMe})$  Based on a Rare Coordination Mode of the Xanthate Ligand and Thallium $\cdots\pi$ -Phenyl Interactions  
**J. Mol. Struct.** 2003, **656** (1/3) 225-230.

Frank T. Edelman, Axel Fischer and *Ionel Haiduc*: Two structurally differing (heterogeometric) mesityltellurium(II) phosphor-1,1-dithiolates: the first monomeric dicoordinate  $\text{MesTeS}(\text{S})\text{PPh}_2$  and a self-assembled tricoordinate  $[\text{MesTeS}(\text{S})\text{P}(\text{OPr}^1)_2]_x$   
**Inorg. Chem. Commun.** 2003, **6** (7) 958-960.

Mary F. Mahon, Kieran C. Molloy, Monica M. Venter, *Ionel Haiduc*: Unsymmetrically-substituted 2,4,6-trimercaptotriazine: synthesis and reaction chemistry of  $\text{C}_3\text{N}_3\text{S}_3\text{H}_2\text{Na}$ , including the structures of  $\text{C}_3\text{N}_3\text{S}_3\text{H}_2\text{Na}\cdot 3\text{H}_2\text{O}$  and  $\text{C}_3\text{N}_3\text{S}_3\text{H}_2\text{Cu}(\text{PPh}_3)_2$   
**Inorganica Chimica Acta** 2003, **348**, 75-81.

## 2002

Mircea D. Banciu, Alexandru T. Balaban, Constantin Draghici, *Ionel Haiduc*, Ovidiu Ivanciuc: Unexpected formation of 2,6,7-triphenylcyclopenta-[c]pyran from the reaction of 1,2-diphenylethanedione (benzil) with cyclopentadiene  
**Rev. Roum. Chim.** 2002, **47** (8/9) 705-713 (pub. 2003)

J. Zukerman-Schpector, *I. Haiduc*, M. J. Dabdoub, J. C. Biazotto, A.L. Braga, L. Dornelles and I. Caracelli: Dichloro-bis(2-chloro-2-phenyl-vinyl)Te(IV) and dibromo-bis(2-bromo-2-phenyl-vinyl)Te(IV): supramolecular self-assembly through different  $\pi$ -aryl interactions  
**Z. Kristallogr.** 2002, **217**, 609-613.

Julio-Zukerman-Schpector, *Ionel Haiduc*, Robinson L. Camillo, João Comasseto, Rodrigo Luiz Oliveira R. Cunha and Alvim George: Supramolecular self-assembly through tellurium $\cdots$ halogen secondary bonds: A hexagonal grid of  $\text{Te}_2\text{Cl}_2$  and  $\text{Te}_6\text{Cl}_6$  rings in the solid state structure of 1,1,3-trichloro-2,4,5,6-tetrahydro-1*H*-1 $\lambda^4$ -benzo[b]tellurophene.  
**Can. J. Chem.** 2002, **80** (11) 1530-1537

Lai Yoong Goh, Zhiqiang Weng, Weng Kee Leong, Jagadese J. Vittal, and *Ionel Haiduc*: An organometallic radical route to bis(phosphido)- and hydrido-phosphido-bridged metal-metal-bonded complexes of cyclopentadienylchromium via desulfurization of thiophosphinito ligands

**Organometallics** 2002, **21** (24) 5287-5291.

O. Cozar, Rodica Micu-Semeniuc, L. David and *I. Haiduc*: Local structure and metal-metal interaction in some Cr(III)-dithiophosphonate compounds

**Modern Phys. Lett. B** 2002, **16** (10&11) 401-407.

Vasile Bercean, Crina Crainic, *Ionel Haiduc*, Mary F. Mahon, Kieran C. Molloy, Monica M. Venter and Paul J. Wilson: The structural chemistry of organotin derivatives of 5-mercapto-3-phenyl-1,3,4-thiadiazoline-2-thione: supramolecular structures involving intermolecular Sn $\cdots$ S, N-H $\cdots$ S or S $\cdots$ S interactions

**J. Chem. Soc., Dalton Trans.** 2002, (6) 1036-1045.

José S. Casas, Eduardo E. Castellano, Javier Ellena, *Ionel Haiduc*, Agustín Sánchez, Radu F. Semeniuc and José Sordo: Supramolecular self-assembly in the crystal structures of methylmercury xanthates, MeHgS(S)COR, R = Et, <sup>i</sup>Pr and CH<sub>2</sub>Ph

**Inorganica Chimica Acta** 2002, **329** (1) 71-78.

## 2001

Ioan Silaghi-Dumitrescu, Gabriela Cretiu, Luminita Silaghi-Dumitrescu, *Ionel Haiduc*, Alfredo Toscano and Raymundo Cea-Olivares: Crystal, molecular and electronic structure of 9,9'-Bis(trimethylsilyl)fluorene

**Rev. Roumaine Chim.** 2001, 46 (4) 289-295.

Mircea Banciu, Eduardo E. Castellano, Javier Ellena, *Ionel Haiduc*, Constantin Draghici and Alexandru T. Balaban: Serendipitous formation of 2,3,7-triphenylcyclopenta[c]pyran from 1,2-diphenylethanedione ("benzil") and cyclopentadiene

**New J. Chem.** 2001, **25**, 1472-1474.

Lai Yoong Goh, Zhiqiang Weng, Weng Lee Leong, *Ionel Haiduc*, Kong Mun Lo and Richard C.S. Wong:

Chemistry of cyclopentadienyl tricarbonylchromium dimer. Cleavage of bis(thiophosphoryl)disulfanes. Syntheses and X-ray crystal structures of CpCr(CO)<sub>2</sub>(S<sub>2</sub>P(OR)<sub>2</sub>), CpCr(S<sub>2</sub>P(OR)<sub>2</sub>)<sub>2</sub> and Cr(S<sub>2</sub>P(OR)<sub>2</sub>)<sub>3</sub> (R = <sup>i</sup>Pr)

**J. Organomet. Chem.** 2001, **631**, 67-75.

William C. Herndon and *Ionel Haiduc*: Contrasting modes of bonding for copper(I), silver(I) and gold(I) in dithioimidodiphosphinato metallacycles, Ph<sub>3</sub>P·M(SPh<sub>2</sub>P)<sub>2</sub>N (M = Cu, Ag, Au)

**J. Mol. Struct.** 2001, **598** (2/3) 127-131.

Andrea Deák, Lajos Radics, Alajos Kálmán, László Párkányi and *Ionel Haiduc*: Heptacoordinate dimethyltin(IV) cupferronato complexes. X-Ray and solid-state NMR structural analysis. Hydrogen bond supramolecular self-assembly  
**Eur. J. Inorg. Chem.** 2001 (11) 2849-2856.

Ioana Pavel, Francisco Cervantes-Lee, Keith H. Pannell and *Ionel Haiduc*: Supramolecular self-assembly involving cooperative use of dative coordinate, secondary and hydrogen bonding in solid  $[\text{Me}_3\text{Sn}(\mu\text{-OH})\text{SnMe}_3(\mu\text{-OH})\text{SnMe}_3]^+\text{Br}^-$   
**Inorg. Chem. Commun.** 2001, 4 (10) 530-533.

Jose S. Casas, Alfonso Castineiras, *Ionel Haiduc*, Agustin Sanchez, Radu F. Semeniuc and Jose Sordo:  
New organotin xanthates  $\text{R}_2\text{Sn}(\text{S}_2\text{COR}')_2$  and  $\text{R}_3\text{SnS}_2\text{COR}'$  (R = Me, Ph and R' = Me,  $\text{CH}_2\text{Ph}$ ). Molecular structure of bis(O-methylthiocarbonato)diphenyltin(IV),  $\text{Ph}_2\text{Sn}(\text{S}_2\text{COMe})_2$   
**Syn. React. Inorg. Metal-Org. Chem.** 2001, 31 (5) 725-736.

J. Zukerman-Schpector, *Ionel Haiduc*, Robinson L. Camillo, Joao V. Comasseto, Rodrigo L.O.R. Cunha and I. Caracelli: Acetylodichloro[(Z)-2-chloro-2-phenylvinyl]tellurium(IV), helical chains of metal complexes  
**Acta Crystallogr.** 2001, C 57, 749-750.

A. Deák, A Kálmán, L. Párkányi and *I. Haiduc*: Hydrogen-bonded hexagonal and pseudo-hexagonal grid motifs in supramolecular cobalt(II) and nickel(II) cupferronato complexes incorporating neutral N-donors with intermolecular  $\text{NH}_2$  connectors and solvent molecules  
**Acta Crystallogr.** 2001, B 57, 303-310.

Claudio A. Tellez S, Eduardo Hollauer, M.I. Pais da Silva, M.A. Mondragon, *I. Haiduc*, M. Curtui: Density functional theory study of the Fourier transform infrared and raman spectra of dichloro-bis(2,4-pentanedionate)tin(IV)  
**Spectrochim. Acta, Part A** 2001, 57, 1149-1161.

*Ionel Haiduc*, Mary F. Mahon, Kieran C. Molloy and Monica Venter: Synthesis and spectral characterisation of organotin(IV) 1,3,5-triazine-2,4,6-trithiolato complexes, including the crystal structures of  $1,3,5\text{-}(\text{R}_3\text{SnS})_3\text{C}_3\text{N}_3$  (R = Me, Ph)  
**J. Organomet. Chem.** 2001, 627, 6-12.

## 2000

Rodica Micu-Semeniuc, *Ionel Haiduc*, Radu Semeniuc, Onuc Cozar: Spectroscopic studies of some metallic bis-dithiophosphonates,  $\text{M}(\text{DTP})_2$ , and of some adducts  
**Studia Univ. Babeş-Bolyai, Chemia**, 2000, 45 (1/2) 185-197 (Pub. 2002)

M. Bolboaca, S. Cinta, M. Venter, A. Deak, *I. Haiduc*, O. Cozar, T. Iliescu, P. Rosch and W. Kiefer:

Vibrational behavior of transition metal cupferronato complexes: Raman studies on cobalt(II) cupferronato derivatives

**Spectrosc. Lett.** 2000, **33** (6) 857-865.

Linda H. Doerrer, Jennifer C. Green, Malcolm L.H. Green, *Ionel Haiduc*, Christian N. Jardine, Sofia I. Pascu, Luminita Silaghi-Dumitrescu and David J. Watkin: Group 6 transition metal carbonyl complexes with chalcogen-bridged diarsenic(III) ligands

**J. Chem. Soc., Dalton Trans.** 2000 (19) 3347-3355.

Luminita Silaghi-Dumitrescu, Ioan Silaghi-Dumitrescu, Radu Silaghi-Dumitrescu, *Ionel Haiduc*, Alexander J. Blake and D. Bryan Sowerby: Bromination of  $(AsPh_2)_2O$ ; the structure of tribromo-diphenylarsenic(V)

**Rev. Soc. Quim. Mexico**, 2000, **44** (2) 134-138.

Danut Bilc, Anca Silvestru, Cristian Silvestru, *Ionel Haiduc* and John E. Drake: New palladium(II) tetraorganodichalcogenoimido diphosphinates. Crystal and molecular structure of  $Pd[(SPMe_2)_2N]_2$  and *cis*- $Pd[(OPPh_2)(SPMe_2)_n]_2$

**Rev. Soc. Quim. Mexico**, 2000, **44** (2) 116-121.

Lai Yoong Goh, Weng Kee Leong, Pak-Hing Leung, Zhiqiang Weng and *Ionel Haiduc*: Chemistry of cyclopentadienyl tricarbonylchromium dimer. Cleavage of bis(thiophosphinyl)disulfanes and bis(thiophosphoryl)disulfanes. Synthesis of  $CpCr(CO)_2(S_2PPh_2)$  and  $CpCr(S_2PPh_2)_2$ . X-Ray crystal structure of  $CpCr(S_2PPh_2)_2$

**J. Organomet. Chem.** 2000, **607** (1/2) 64-71.

Anca Silvestru, Danut Bîlc, Roland Rösler, John E. Drake and *Ionel Haiduc*: First nickel(II) complexes containing tetrahedral  $NiO_2S_2$  cores. The molecular structures of  $Ni[(OPPh_2)(SPR_2)N]_2$  (R = Ph, Me)

**Inorg. Chim. Acta** 2000, **305** (1) 106-110.

R. A. Varga, C. Silvestru and *I. Haiduc*: Synthesis and spectroscopic characterization of new organolead(IV) complexes containing organophosphorus ligands

**Syn. React. Inorg. Met.-org. Chem.** 2000, **30** (3) 485-498.

*I. Haiduc*, J. Zukerman-Schpector, E. Castellano and R. Cea-Olivares: A spirobiyclic complex of Schmidpeter's ligand, bis(tetraphenylimidodiphosphinato)beryllium,  $Be(OPh_2PNPPh_2O)_2$ , an inorganic analog of beryllium bis( $\beta$ -diketonates)

**Heteroatom. Chem.** 2000, **11** (3) 244-248.

I. Pavel, S. Cîntă, M. Venter, A. Deák, *I. Haiduc*, P. Rösch, O. Cozar, T. Iliescu and W. Kiefer: Vibrational behavior of transition metal cupferronato complexes. Raman and SERS studies on nickel(II) cupferronato complexes

**Vib. Spectrosc.** 2000, **23** (1) 71-76.

E. V. Garcia-Baez, Maria J. Rozales-Hoz, Heinrich Nöth, *Ionel Haiduc* and Cristian Silvestru: Rupture of a P=S bond in a disulfurimidophosphinate ligand. The X-ray crystal structures of  $[(\mu_2\text{-H})\text{Ru}_3(\mu_3\text{-S})\{\mu_2\text{-S,S,P}'\text{-(SPPH}_2\text{)(PPh}_2\text{)N}\}(\text{CO})_8]$  and  $[(\mu_2\text{-H})\text{Ru}_3\{\mu_2\text{-S,S,P}'\text{-(SPPH}_2\text{)(PPh}_2\text{)N}\}(\text{CO})_9]$ .

**Inorg. Chem. Commun.** 2000, **3** (4) 173-177.

Ildikó Székely, Cristian Silvestru, John E. Drake, Gabor Balázs, Sorin I. Fărcas and *Ionel Haiduc*: Preparation and single-crystal characterization of manganese(II) complexes of dichalcogenoimido-diphosphinato ligands. Monomeric vs. dimeric  $\text{Mn}[(\text{OPPh}_2)(\text{XPPH}_2)\text{N}]_2$  (X = S, O)

**Inorg. Chim. Acta** 2000, **299** (2) 247-252.

Andrea Deák, Monica Venter, Alajos Kálmán, László Párkányi, Lajós Radics and *Ionel Haiduc*: Synthesis and structural characterization of tin(IV) N-nitroso-N-phenylhydroxylaminato complexes: crystal structures of  $\text{Sn}(\text{O}_2\text{N}_2\text{Ph})_4$ ,  $\text{Ph}_2\text{Sn}(\text{O}_2\text{N}_2\text{Ph})_2$  and  $[\text{Me}_2\text{Sn}(\text{O}_2\text{N}_2\text{Ph})_2]_2$

**Eur. J. Inorg. Chem.** 2000 (1), 127-132.

## 1999

Radu Florin Semeniuc, Rodica Micu Semeniuc, *Ionel Haiduc* and Onuc Cozar: Spectroscopic characterization of some chromium O-alkyldithiocarbonates  
**Studia Univ. Babeş-Bolyai, Chemia**, 1999, **44** (1/2) 203-212 (Pub. 2000)

*Ionel Haiduc*, Axel Fischer and Frank T. Edelmann: A quasi-cyclic structure of tetraphenylimido-diphosphinato(triphenylphosphine)-gold(I),  $\text{Ph}_3\text{P}\cdot\text{Au}(\text{SPH}_2\text{PNPPH}_2\text{S})$ , involving Au...S secondary bonds

**Rev. Roum. Chim.** 1999, **44** (9) 805-809

José S. Casas, Eduardo E. Castellano, Javier Ellena, *Ionel Haiduc*, Agustin Sánchez and José Sordo: The crystal and molecular structure of mercury(II) bis(isopropyl)dithiophosphate,  $\text{Hg}[\text{S}_2\text{P}(\text{OPr}^i)_2]_2$ , revisited: new comments about its supramolecular self-organization

**J. Chem. Crystallogr.** 1999, **29** (7) 831-836.

Ioan Silaghi-Dumitrescu, Attila Kuhn and *Ionel Haiduc*: Stable isomers of sila- and germadodecahedrane. A semiempirical (AM1) investigation of the structure of 4/6 and 4/5/6 ring containing  $\text{E}_{20}$  (E = Si, Ge) systems

**Fullerene Sci. Technol.** 1999, **7** (5) 841-854.

S. Cinta, M. Venter, T. Iliescu, O. Cozar, *I. Haiduc* and W. Kiefer: SERS application in elucidation of the nature of homologue Cu(I) triazenido complexes

**Vibr. Spectrosc.** 1999, **19** (2) 223-226.

Andrea Deák, *Ionel Haiduc*, László Párkányi, Monica Venter and Alajos Kálmán: Main group metal directed self-assembly in a tetrameric trimethyltin(IV) *N*-nitroso-*N*-phenylhydroxylaminato complex containing an unprecedented 20-membered inorganic (carbon-free) metallamacrocycle  
**Eur. J. Inorg. Chem.**, 1999, 1593-1596.

Josef Novosad, Marek Necas, Jaromir Marek, Panagiotis Veltsistas, Christos Papadimitriou, *Ionel Haiduc*, Makoto Watanabe and J. Derek Woollins: Displacement of triphenylphosphine from Cu(PPh<sub>3</sub>)<sub>2</sub>NO<sub>3</sub> and Co(PPh<sub>3</sub>)<sub>2</sub>Cl<sub>2</sub> by a diselenoimido-diphosphinato ligand. X-ray crystal structure of (PPh<sub>3</sub>)Cu[Ph<sub>2</sub>P(Se)NP(Se)Ph<sub>2</sub>] and Co[Ph<sub>2</sub>P(Se)NP(Se)Ph<sub>2</sub>]<sub>2</sub> containing the novel CuSe<sub>2</sub>P<sub>2</sub>N and CoSe<sub>2</sub>P<sub>2</sub>N inorganic metallocycles.  
**Inorg. Chim. Acta**, 1999, **290** (2) 256-260.

*I. Haiduc*, L. David, O. Cozar, R. Micu-Semeniuc, G. Mezei and M. Armenean: Spectroscopic and magnetic studies of some copper(II) and chromium(III) complexes with dithiophosphonates as ligands  
**J. Mol. Struct.**, 1999, **482/483**, 153-157.

Mariana Rusu, Adrian R. Tomsa, Dan Rusu and *Ionel Haiduc*: New organotin and organosilicon derivatives of P/As/Sb/Bi polyoxotungstates  
**Synth. React. Inorg. Met.-Org. Chem.**, 1999, **29** (6) 951-965.

László Párkányi, Alajos Kálmán, Andrea Deák, Monica Venter and *Ionel Haiduc*: A new inorganic (carbon-free) chelate ring: SnO<sub>2</sub>N<sub>2</sub>. Eight-coordinated tin(IV) in Sn(O<sub>2</sub>N<sub>2</sub>Ph)<sub>4</sub> and a self-assembled 20-membered macrocycle in [Me<sub>3</sub>Sn(O<sub>2</sub>N<sub>2</sub>Ph)]<sub>4</sub>.  
**Inorg. Chem. Commun.**, 1999, **2** (6) 265-268.

Gábor Balázs, John E. Drake, Cristian Silvestru and *Ionel Haiduc*: New versatile phosphorus-containing ligands - asymmetric (XPR<sub>2</sub>)(YPR'<sub>2</sub>)NH (X, Y = O, S; R, R' = Ph, OEt) and their potassium salts: the crystal and molecular structures of (SPPH<sub>2</sub>)[OP(OEt)<sub>2</sub>]NH, K[(SPPH<sub>2</sub>){OP(OEt)<sub>2</sub>}]NH.H<sub>2</sub>O and (OPPH<sub>2</sub>)[OP(OEt)<sub>2</sub>]NH.1/2HCl.1/4H<sub>2</sub>O  
**Inorg. Chim. Acta**, 1999, **287** (1) 61-71.

Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: Possible C<sub>20</sub> isomers containing 4/6 rings. An AM1 investigation of the stability of three 4/6 cages and of their hydrogenated analogues  
**Fullerene Science and Technol.**, 1999, **7** (1) 17-24.

Luminita Silaghi-Dumitrescu, Ion Silaghi-Dumitrescu, *Ionel Haiduc*, Ruben-Alfredo Toscano, Veronica Garcia-Montalvo and Raymundo Cea-Olivares: Is the trigonal prismatic distortion the answer for the geometry of In<sup>III</sup> four members dithiochelate compounds? The crystal and molecular structure of In(S<sub>2</sub>AsR<sub>2</sub>)<sub>3</sub> (R = Me, Ph)  
**Z. Anorg. Allg. Chem.**, 1999, **625** (2), 347-351.

## 1998

Claudio A. Tellez, Sergio De La Riva, Eduardo Hollauer, *Ionel Haiduc* and Cristian Silvestru: Vibrational spectra of dimethyldithiophosphinate anion,  $(\text{CH}_3)_2\text{PS}_2^-$   
**Spectrosc. Lett.** 1998, **31** (7) 1469-1483.

Roland Rösler, Mihaela Stanciu, Jincal Yang, John E. Drake, Cristian Silvestru and *Ionel Haiduc*: New versatile organophosphorus ligands. Crystal and molecular structures of isomeric P,P-dimethyl-P',P'-diphenyl-P-thioimidodiphosphinic and P,P-dimethyl-P',P'-diphenyl-P'-thioimidodiphosphinic acids  
**Phosphorus, Sulfur and Silicon** 1998, **132**, 231-250.

Ioan Silaghi-Dumitrescu, Francisco Lara-Ochoa and *Ionel Haiduc*: "Edge" or "vertex" inversion at phosphorus in the *cis-trans* isomerization of diazadiphosphetidines? Model MNDO and *ab initio* molecular orbital calculations  
**Main Group Chem.** 1998, **2** (4) 309-314.

Sofia Pascu, Luminita Silaghi-Dumitrescu, Alexander J. Blake, *Ionel Haiduc* and D. Bryan Sowerby:  
Coordination and self-assembly in the crystal structure of  $\text{K}(\text{AsMe}_2\text{S}_2) \cdot 2\text{H}_2\text{O}$   
**Polyhedron** 1998, **17** (23/24) 4115-4119.

A. Deák, L. Párkányi, A. Kálmán, M. Venter and *I. Haiduc*: Dimethylbis(N-nitroso-N-phenylhydroxylamino-O,O')cobalt(II)  
**Acta Crystallogr.** 1998 (8) CIF Acces Paper IUC 9800036 [electronic publication, available at <http://www.iucr.org/journals/acta/tocs/actac/actac.htm> or by e-mail at [getcif@iuc.org](mailto:getcif@iuc.org)]

*Ionel Haiduc* and Luminita Silaghi-Dumitrescu: Investigations in organoarsenic chemistry  
in vol. **Arsenic and Old Mustard: Chemical Problems in the Destruction of Old Arsenical and Mustard Munitions**, Edited by J.F. Bunnett and M. Mikolajczyk, NATO ASI Series 1. Disarmament Technologies, Vol. 19, Kluwer Academic Publishers, Dordrecht, Boston, London, 1998, pag. 149-150.

S. Cinta, M. Venter, C. Fickert, *I. Haiduc*, P. Scholz and W. Kiefer: FT-Raman studies on new triphenylphosphin-copper(I) triazenido complexes  
**J. Mol. Struct.** 1998, 446 (3), 209-214.

Frank T. Edelman, *Ionel Haiduc*, Hans-Georg Schmidt, Mathias Noltemeyer and Cristian Silvestru:  
Supramolecular self-assembly in triphenyllead(IV) dimethyldithiophosphinate,  $x^1[\text{Ph}_3\text{PbS}_2\text{PMe}_2]$ , a chain polymer built through intermolecular Pb...S secondary bonds  
**Polyhedron**, 1998, **17** (11/12) 2043-2047.

Monica Venter, Andrea Deák and *Ionel Haiduc*: Synthesis and characterization of 4,4'-di(aryltriazenido)diphenylmethanes as new bis-triazenido proligands. Copper(II) complexes

**Syn. React. Inorg. Metal-org. Chem.** 1998, **28** (6) 985-996.

Roland Rösler, John E. Drake, Cristian Silvestru, Jincai Yang and *Ionel Haiduc*: The first crystal structure of mixed chalcogen derivatives  $\text{SnR}_2[(\text{OPPh}_2)(\text{SPPH}_2)\text{N}]_2$ , R = Me or Ph  
**J. Chem. Soc., Dalton Trans.** 1999 (3) 391-

Sofia Pascu, Luminita Silaghi-Dumitrescu, Alexander J. Blake, Wan-Sheung Li, *Ionel Haiduc* and D. Bryan Sowerby: *trans*-Dichlorotris(cyclo-hexyl)arsenic(V)

**Acta Crystallogr.** 1998, **C54** (2) 219-221.

John E. Drake, Anca Silvestru, Jincai Yang and *Ionel Haiduc*: Triphenyltellurium(IV) dichalcogenoimidodiphosphinates containing novel six-membered  $\text{TeXYP}_2\text{N}$  chelate rings. X-Ray structures of  $\text{Ph}_3\text{Te}[(\text{SPPH}_2)(\text{OPPh}_2)\text{N}]$  and  $\text{Ph}_3\text{Te}[(\text{OPPh}_2)_2\text{N}]$

**Inorg. Chim. Acta**, 1998, **271** (1/2) 75-82.

Cristian Silvestru, Roland Rösler, John E. Drake, Jincai Yang, Georgina Espinosa-Perez and *Ionel Haiduc*:

Bis(thiophosphinoyl)amines and their neutral cobalt(II) complexes, containing stable tetrahedral  $\text{CoS}_4$  cores. Crystal structures of  $\text{NH}(\text{SPMe}_2)(\text{SPPH}_2)$  and  $[\text{Co}\{[(\text{SPMe}_2)(\text{SPPH}_2)\text{N}]\}_2]$ .

**J. Chem. Soc. Dalton Trans.** 1998 (1) 73-78.

Francisco Cervantes-Lee, Hemant K. Sharma, *Ionel Haiduc* and Keith Pannell: A unique self-assembled tricyclic stannasiloxane containing a planar  $\text{Sn}_3\text{SiO}_5$  fused 6.4.4 tricyclic ring system.

**J. Chem. Soc. Dalton Trans.** 1998(1) 1-2.

## 1997

L. Silaghi-Dumitrescu, R. Silaghi-Dumitrescu, I. Silaghi-Dumitrescu and *I. Haiduc*: Theoretical study of di- and tetrahalogeno derivatives of tetramethyldiarsine oxide. A PM3 molecular orbital calculation of the heats of formation

**Studia Univ. Babes-Bolyai, Chemia**, 1997, **42** (1/2), 69-

I. Gergen, I. Silaghi-Dumitrescu and *I. Haiduc*: An Extended Huckel Molecular Orbital study of the structure of  $\text{MoO}_2^{n+}$  (n = 1, 2) group

**Studia Univ. Babes-Bolyai, Chemia**, 1997, **42** (1/2) 161-165.

Ioan Silaghi-Dumitrescu, Alin Horea, Sofia Pascu, Luminita Silaghi-Dumitrescu and *Ionel Haiduc*: Comparative PM-3 MO study of the  $\text{E}_2\text{O}_2$  and  $\text{E}_2\text{N}_2$  (E = P, As) four-membered ring systems

**Phosphorus, Sulfur and Silicon** 1997, **124&125**, 441-444.



Cristian Silvestru, John E. Drake, Roland Rösler, Jincay Yang, Anca Silvestru and *Ionel Haiduc*: Inorganic chelate (carbon-free) rings in monomeric and dimeric  $R_2M\{(XPR'_2)(YPR''_2)N\}_y\}_n$ .

**Phosphorus, Sulfur and Silicon** 1997, **124&125**, 63-72.

Luminita Silaghi-Dumitrescu, Sofia Pascu, Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: Theoretical study of tetramethyldiarsane-chalcogen derivatives. Heats of formation and molecular orbital calculations

**Rev. Roumaine Chim.** 1997, **42** (9) 747-752.

Luminita Silaghi-Dumitrescu, Sofia Pascu, Alexander J. Blake, *Ionel Haiduc* and D. Bryan Sowerby : The first oxygen-bridged diorganoarsenic(V) compound: the crystal structure of  $AsMe(S)OAs(S)Me_2$

**J. Organomet. Chem.** 1997, **549**, 187-192.

Luminita Silaghi-Dumitrescu, *Ionel Haiduc*, Raymundo Cea-Olivares, Ioan Silaghi-Dumitrescu, Jean Escudié and Claude Couret: On the structure of bis(9-fluorenyl)dimethylsilane: a sterically crowded molecule with relatively low barriers of rotations around the Si-C(flourenyl) bonds. X-Ray diffraction analysis and AM1 molecular orbital calculations

**J. Organomet. Chem.** 1997, **545/546**, 1-8.

M. Venter, I. Haiduc, L. David and O. Cozar: IR and ESR studies on new bis-triazenido cobalt(II) and copper(II) complexes

**J. Mol. Struct.** 1997, 408/409, 483-486.

Raymundo Cea-Olivares, Klaus H. Ebert, Luminita Silaghi-Dumitrescu and *Ionel Haiduc*: Bismuth(III) dimethyldithioarsinate,  $Bi(S_2AsMe_2)_3$ : A new dimer formed through Bi-S secondary bonding

**Heteroatom Chem.** 1997, 8, 317-321.

C. Silvestru, A. Silvestru, *I. Haiduc*, D.B. Sowerby, K.H. Ebert and H.J. Breunig: Triorganoantimony(V) diorganophosphinates. Crystal and molecular structure of (diphenylphosphinato) (hydroxo)trimethyl-antimony(V) exhibiting a polymeric chain. Supramolecular self-assembly through hydrogen bonds

**Polyhedron** 1997, 16(15) 2643-2649.

Ioan Silaghi-Dumitrescu, Francisco Lara-Ochoa and *Ionel Haiduc*: On the formation of cyclodisilazanes via the coordination of bis(dialkylaminosilanes) to halogenosilanes. An ab initio and AM1 molecular orbital study of the 4644  $R_2Si(NR')_2:SiX_4$  ring systems

**J. Mol. Struct. (TEOCHEM)** 1997, 397, 213-222.

Anca Silvestru, John E. Drake, Cristian Silvestru, Jincay Yang, *Ionel Haiduc* and Francesco Caruso: Metal-oxygen vs. metal-sulfur bonding of the ambident

monothiophosphinato ligand in some triphenylmetal(IV) derivatives,  $\text{Ph}_3\text{M}[\text{OSPR}_2]$  (M = Ge, Sn, Pb). Crystal structures of  $\text{Ph}_3\text{Ge}[\text{O}(\text{S})\text{PPh}_2]$  and  $[\text{Ph}_2\text{Sn}\{\text{O}(\text{S})\text{PPh}_2\}(\mu\text{-OH})]_2$ . **Polyhedron** 1997, 16(6) 949-961.

Jose S. Casas, Alfonso Castiñeiras, *Ionel Haiduc*, Agustin Sánchez, José Sordo and Ezequiel Vázquez-López: Supramolecular self-organization in methyl(diphenylphosphinothioato)mercury(II),  $[\text{MeHg}\{\text{S}(\text{O})\text{PPh}_2\}]_n$ , a ladder polymer containing  $\text{Hg}_2\text{O}_2\text{P}_2\text{S}_2$  eight-membered rings interconnected through Hg...O secondary bonds

**Polyhedron** 1997, 16(5) 781-787.

## 1996

Luminita Silaghi-Dumitrescu, *Ionel Haiduc*, M.N. Gibbons and D.B. Sowerby: A new polymorphic form of diphenylarsinic acid

**Studia Univ. Babeş-Bolyai, Chemia**, 1996, 41(1) 43-49.

Francisco Lara-Ochoa, Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: Coordinative dimerization of aminosilanes. Model MNDO and ab initio molecular orbital calculations. **Main Group Chem.**, 1996, 1 (4), 387-398.

Ioan Silaghi-Dumitrescu, Francisco Lara-Ochoa and *Ionel Haiduc*:  $A_{12}B_{12}$  (A = B, Al; B = N,P) 4/6 fullerene-like cages and their hydrogenated forms stabilized by exohedral bonds. An AM1 molecular orbital study

**J. Mol. Struct. (THEOCHEM)** 1996, 370, 17-23.

Ioan Silaghi-Dumitrescu, Francisco Lara-Ochoa, Peter Bishof and *Ionel Haiduc*,: More about boron-nitrogen  $B_{12+3n}N_{12+3n}$  fullerene-like cages. An ab initio and AM1 investigation of some 4/6 isomers

**J. Mol. Struct. (THEOCHEM)** 1996, 367, 47-54

Martin N. Gibbons, Cristian Silvestru, *Ionel Haiduc* and D.Bryan Sowerby: Reduction of antimony(V) by dithiophosphinates and the crystal structure of dimeric diphenylantimony(III) dimethyldithiophosphate,  $[\text{Ph}_2\text{SbS}_2\text{PMe}_2]_2$

**Polyhedron** 1996, 15(24) 4573-4578

Ruben Gavino-Ramirez, Ruben Alfredo Toscano, Christian Silvestru and *Ionel Haiduc*: Studies on inorganic tin diphenyldithiophosphinates. Crystal and molecular structure of cis-dichlorobis (diphenyldithiophosphinato)tin(IV)

**Polyhedron**, 1996, 15(21) 3857-3867.

Luminita Silaghi-Dumitrescu, Martin N. Gibbons, Ioan Silaghi-Dumitrescu, Julio Zukerman-Schpector, *Ionel Haiduc* and D. Bryan Sowerby: Oxidation of  $(\text{AsPh}_2)_2\text{E}$  (E = O or S); supramolecular hydrogen-bonded self-assembly of an unusual tetranuclear adduct and X-ray crystal structure of  $[\text{AsPh}_2(\text{O})(\text{OH}).\text{AsPh}_2(\text{S})\text{OH}]_2$

**J. Organomet. Chem.** 1996, 517, 101-106.

Cristian Silvestru, Roland Rösler, *Ionel Haiduc*, Ruben Alfredo Toscano and D.Bryan Sowerby: Dichlorodiphenylantimony(V) derivatives of oxo- and thioimidodiphosphinic acids, containing novel inorganic  $\text{SbO}_2\text{P}_2\text{N}$  and  $\text{SbOSP}_2\text{N}$  rings: crystal and molecular structures of  $\text{Ph}_2\text{SbCl}_2[(\text{OPPh}_2)(\text{XPPH}_2)\text{N}]$  ( $\text{X} = \text{O}, \text{S}$ )

**J. Organomet. Chem.** 1996, 515, 131-138.

Michael Nunn, Michael J. Begley, D.Bryan Sowerby and *Ionel Haiduc*: Complexes of organoantimony(III) and (V) halides with nitrogen donors

**Polyhedron** 1996, 15(19) 3167-3174.

Alexandru T. Balaban, *Ionel Haiduc*, Herbert Höpfl, Norberto Farfan and Rosa Santillan: Spiroborates revisited. X-ray crystal and molecular structures of boron chelate compounds with tropolone and 1,3-diketones

**Main Group Metal Chem.** 1996, 19(6) 385-395.

Carmen Socaciu, Ioan Pasca, Cristian Silvestru and *Ionel Haiduc*: Genotoxicity of some metal-based antineoplastics, evaluated by SOS Chromotest and cytogenetic analysis

**Metal-Based Drugs** 1996, 3(2) 91-99.

Roland Rösler, John E. Drake, Cristian Silvestru, Jincai Yang and *Ionel Haiduc*: The first X-ray structures of mixed chalcogen derivatives  $\text{SnR}_2[(\text{OPPh}_2)(\text{SPPH}_2)_2\text{N}]_2$  ( $\text{R} = \text{Me}, \text{Ph}$ )

**J. Chem. Soc., Dalton Trans.** 1996, 391-399.

Roland Rösler, Cristian Silvestru, Georgina Espinosa-Perez, *Ionel Haiduc* and Raymundo Cea-Olivares: Tetrahedral vs. square planar  $\text{NiS}_4$  core in solid-state nickel(II) bis(dithioimidodiphosphinato) chelates. Crystal structures of  $\text{Ni}[(\text{SPPH}_2)(\text{SPR}_2)\text{N}]_2$  ( $\text{R} = \text{Me}, \text{Ph}$ )

**Inorg. Chim. Acta** 1996, 241(2) 47-54.

Christopher C. Landry, Alan Hynes, Andrew R. Barron, *Ionel Haiduc* and Cristian Silvestru: Gallium and indium compounds of sulphur donor ligands: pyridine-2-thiolates and diphenylthiophosphinates

**Polyhedron** 1996, 15(3) 391-402.

## 1995

Maria Curtui, *Ionel Haiduc* and Corina Pop: Solvent extraction of dioxouranium(VI) with diisopropyldithiophosphoric acid and triphenylphosphine

**Studia Univ. Babeş-Bolyai, Chemia**, 1995, 40(1/2) 183-188 [Pub. 1997].

I. Silaghi-Dumitrescu and *I. Haiduc*: On the geometries and electronic structures of  $\text{XH}_2\text{SiNH}_2$  ( $\text{X} = \text{F}, \text{Cl}, \text{Br}$ ) silanes. MNDO Molecular orbital calculations

**Studia Univ. Babes-Bolyai, Chemia**, 1995, 40(1/2) 91-98 [Pub. 1997].

Richard Landtiser, Joel T. Mague, Mark J. Fink, Cristian Silvestru and *Ionel Haiduc*: Cleavage of bis(thiophosphinyl)disulfanes,  $R_2P(S)-S-S-P(S)R_2$  (  $R = Et, Ph$  ), by a low-valent palladium dimer

**Inorg. Chem.** 1995, 34, 6141-6144.

Cristian Silvestru, *Ionel Haiduc*, Edward R.T. Tiekink, Dick de Vos, Monique Biesemans, Rudolph Willem and Marcel Gielen: Synthesis, structural characterization and in vitro antitumour properties of triorganoantimony(V) disalicylates: Crystal and molecular structures of  $[5-Y-2-(HO)-C_6H_3COO]_2SbMe_3$  (  $Y = H, Me, MeO$  )

**Appl. Organomet. Chem.** 1995, 9, 597-607.

Raymundo Cea-Olivares, Mirna R. Estrada, Georgina Espinosa-Perez, *Ionel Haiduc*, Patricia Garcia y Garcia, Marcela Lopez-Cardoso, Moises Lopez-Vaca and Ave-Maria Coterio-Villegas: 1-Oxa-4,6-dithia-5-arsocane and 1,3,6-trithia-2-arsocane dithiocarbamates. Competition between transannular and exocyclic secondary bonding to arsenic

**Main Group Chem.** 1995, 1(1) 159-164.

J. Zukerman-Schpector, *Ionel Haiduc*, Cristian Silvestru and Raymundo Cea-Olivares: Crystal structures of antimony and indium phosphinodithioates,  $M(S_2PR_2)_3$  (  $M = Sb, R = Et$ ;  $M = In, R = Me$  and  $Ph$  ). Is the lone pair responsible for the structural differences ?

**Polyhedron** 1995, 14(20/21) 3087-3094.

Cristian Silvestru, Ruben Alfredo Toscano, Jorge Cardenas, Raymundo Cea-Olivares, Anca Silvestru and *Ionel Haiduc*: Synthesis and characterization of triphenylgermanium(IV) diorganophosphinodithioates: Crystal and molecular structures of  $Ph_3GeS(S)PR_2$  (  $R = Me, Ph$  ).

**Polyhedron** 1995, 14 (15/16) 2231-2237.

Anca Silvestru, *Ionel Haiduc*, Ruben Alfredo Toscano, and Hans J. Breunig: Triphenyltelluronium derivatives of dithiophosphorus ligands: Crystal and molecular structure of  $[Ph_3Te][S_2PPh_2]$  and  $[Ph_3Te][(SPPH_2)_2N]$ , displaying weak cation-anion Te...S secondary interactions.

**Polyhedron** 1995, 14 (15/16) 2047-2053.

*Ionel Haiduc*, Raymundo Cea-Olivares, Simon Hernandez-Ortega and Cristian Silvestru: Unexpected linear P-N-P fragment in the anion  $[SPh_2PNPPH_2S]^-$ : Crystal structure of bis(triphenylphosphine)iminium dithiotetraphenylimidodiphosphate,  $[Ph_3PNPPH_3]^+ [SPh_2PNPPH_2S]^-$

**Polyhedron** 1995, 14 (15/16) 2041-2046.

Cristian Silvestru, Roland Rösler, *Ionel Haiduc*, Raymundo Cea-Olivares and Georgina Espinosa-Perez: Crystal and molecular structure of tetramethyldithioimidodiphosphinic

acid,  $(\text{SPMe}_2)_2\text{NH}$ , and its cobalt(II) complex,  $\text{Co}[(\text{SPMe}_2)_2\text{N}]_2$ , containing a tetrahedral  $\text{CoS}_4$  core

**Inorg. Chem.** 1995, 34(12) 3352-3354.

Raymundo Cea-Olivares, Omar Jimenez-Sandoval, Simon Hernandez-Ortega, Monica Sanchez, Ruben Alfredo Toscano and *Ionel Haiduc*: Electron distribution in 1-organo-1H-tetrazole-5-thiols. Crystal and molecular structure of 1-methyl-1H-tetrazole-5-thiol and its potassium(18-crown-6) salt

**Heteroatom Chemistry** 1995, 16(1) 89-97.

L. Silaghi-Dumitrescu, *I. Haiduc*, J. Escudié, C. Couret and J. Satgé: Investigations in the field of Group 14 difluorenyl compounds

**Synth. React. Inorg. Met.-org. Chem.** 1995, 25 (4) 575-590.

Cristian Silvestru, *Ionel Haiduc*, Raymundo Cea-Olivares and Simon Hernandez-Ortega: A new eight-membered  $\text{Pb}_2\text{S}_4\text{P}_2$  inorganic ring. Crystal and molecular structure of dimeric  $[\text{Pb}(\text{S}_2\text{PMe}_2)_2]_2$ , associated into polymeric chains through intermolecular  $\text{Pb}\cdots\text{S}$  interactions

**Inorg. Chim. Acta** 1995, 233(1/2) 151-154.

Anca Silvestru, *Ionel Haiduc*, Hans J. Breunig and Klaus H. Ebert:

Diphenyltellurium(IV) bis(diorgano-phosphinodithioates). X-ray crystal structure of  $\text{Ph}_2\text{Te}(\text{S}_2\text{PPh}_2)_2 \cdot 0.5\text{CHCl}_3$  and a multinuclear NMR study of the decomposition process of  $\text{Ph}_2\text{Te}(\text{S}_2\text{PR}_2)_2$  to  $\text{Ph}_2\text{Te}^{\text{II}}$  and  $[\text{R}_2\text{P}(\text{S})\text{S}]_2$ .

**Polyhedron** 1995, 14(9) 1175-1183.

Kieran C. Molloy, Mary Mahon, *Ionel Haiduc* and Cristian Silvestru: Solid state supramolecular structure of (tetraphenyldithioimidodiphosphinato)-trimethyltin(IV).benzene,  $[\text{Me}_3\text{Sn}(\text{SPPH}_2)_2\text{N} \cdot \text{C}_6\text{H}_6]$ , a unique polymer containing a bridging  $\text{SPR}_2\text{NPR}_2\text{S}$  ligand

**Polyhedron** 1995, 14(9) 1169-1174.

*Ionel Haiduc*, Raymundo Cea-Olivares, Ruben A. Toscano and Cristian Silvestru: X-ray crystal structure of (tetraphenyldithioimidodiphosphinato)(triphenylphosphine) copper(I),  $(\text{Ph}_3\text{P})\text{Cu}(\text{SPPH}_2)_2\text{N}$ , a monocyclic inorganic (carbon-free) chelate ring compound

**Polyhedron** 1995, 14(8) 1067-1071.

Jose S. Casas, Alfonso Castineiras, *Ionel Haiduc*, Agustin Sanchez, Jose Sordo, and Ezequiel M. Vázquez-López: Crystal and molecular structure of diphenylthallium(III) tetraphenyldithioimidodiphosphinate,  $[\text{TlPh}_2\{\text{SPPH}_2\}_2\text{N}]$ , containing a new inorganic (carbon-free)  $\text{TlS}_2\text{P}_2\text{N}$  metallocycle.

**Polyhedron** 1995, 14(6) 805-809.

Raymundo Cea-Olivares, Viviana Lomeli, Simon Hernandez-Ortega and *Ionel Haiduc*: Crystal and molecular structures of spiro-bis(trithiastannocane),

$\text{Sn}(\text{SCH}_2\text{CH}_2\text{SCH}_2\text{CH}_2\text{S})_2$ , and spiro-bis(oxadithiastannocane),  
 $\text{Sn}(\text{SCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{S})_2$ . Distortion of the  $\text{SnS}_4$  tetrahedral coordination produced by  
transannular  $\text{Sn}\dots\text{X}$  ( $\text{X} = \text{S}, \text{O}$ ) interactions  
**Polyhedron** 1995, 14(6) 747-755.

## 1994

Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: On the geometry of 1,3-  
diazadiphosphetidines. The cis-trans isomerism.

**Phosphorus, Sulfur and Silicon**, 1994, 91, 21-36.

Ioan Silaghi-Dumitrescu, Liliana Serban, Luminita Silaghi-Dumitrescu and *Ionel Haiduc*:  
Chelating versus bridging coordination of dithiophosphates in copper complexes. An  
EHMO study.

**Rev. Roumaine Chim.**, 1994, 39(12) 1397-1405.

Omar Jimenez-Sandoval, Raymundo Cea-Olivares, *Ionel Haiduc*, Cristian Silvestru and  
Georgina Espinoza-Perez: New organotin(IV) derivatives of 1-phenyl-1H-tetrazole-5-  
thiol, a five-membered nitrogen heterocycle

**Phosphorus, Sulfur and Silicon**, 1994, 93/94 (1/4), 387-388.

Ionel Haiduc: Formation of inorganic quasi-cyclic structures through secondary  
interactions. A few cases of heterogeometrism

**Phosphorus, Sulfur and Silicon**, 1994, 93/94 (1/4), 345-348.

Cristian Silvestru, Anca Silvestru, *Ionel Haiduc*, Ruben Gavino Ramirez and Raymundo  
Cea-Olivares : Phenyllead(IV) diorganophosphinodithioates  $\text{Ph}_n\text{Pb}(\text{S}_2\text{PR}_2)_{4-n}$ . Synthesis,  
spectroscopic characterization and NMR study of the redistribution/decomposition of  
diphenyllead(IV) derivatives.

**Heteroatom Chemistry**, 1994, 15(4) 327-336.

Cristian Silvestru, *Ionel Haiduc*, Raymundo Cea-Olivares and Alfredo Zimbron :  
Diorganotin(IV) derivatives of tetraphenylimidodiphosphinic acid. Crystal and molecular  
structure of  $n\text{-Bu}_2\text{Sn}[(\text{OPPh}_2)_2\text{N}]_2$ , a trans-octahedral spiro-bicyclic compound

**Polyhedron** 1994, 13(23) 3159-3165.

Anca Silvestru, *Ionel Haiduc*, Klaus H. Ebert, Hans J. Breunig, and D.B. Sowerby: New  
aryltellurium(II) diorganophosphinodithioates. Crystal structure of red (294 K) and  
yellow (173 K)  $x^1[\text{PhTeS}(\text{S})\text{PPh}_2]$ , a supramolecular polymer displaying an unusual  
coordination pattern of the phosphinodithioato ligand

**J. Organomet. Chem.** 1994, 284 (2) 253-259.

Jose S. Casas, Alfonso Castiñeiras, *Ionel Haiduc*, Agustin Sánchez, José Sordo and  
Ezequiel M. Vázquez-López: Crystal and molecular structure of spirobicyclic

bis(tetraphenyldithioimidodiphosphinato)- lead(II),  $[\text{Pb}\{(\text{SPPH}_2)_2\text{N}\}_2]$ , containing a new inorganic (carbon-free)  $\text{PbS}_2\text{P}_2\text{N}$  chelate ring and  $\text{Pb}(\eta^6\text{-C}_6\text{H}_5)$  interactions  
**Polyhedron** 1994, 13 (20) 2873-2879.

Carmen Socaciu, Ioan Pasca, Cristian Silvestru, Adela Bara and *Ionel Haiduc*: Antitumor organometallics. IV. The mutagenic potential of some diphenylantimony(III) dithiophosphorus derivatives  
**Metal-Based Drugs** 1994, 1 (4) 291-297.

Klaus H. Ebert, Hans J. Breunig, Cristian Silvestru and *Ionel Haiduc*: Crystal and molecular structure of (dimethyldithiophosphinato)dimethylantimony(III),  $\text{x}^1[\text{Me}_2\text{SbS}_2\text{PMe}_2]$ , a chain polymer built through secondary, intermolecular Sb...S interactions  
**Polyhedron** 1994, 13 (17) 2531-2535.

Raymundo Cea-Olivares, Jose-Guadalupe Alvarado, Georgina Espinosa-Perez, Cristian Silvestru and *Ionel Haiduc*: Synthesis and characterization of phenoxarsin-10-yl diorganodithiophosphinates. A folded phenoxarsine system in the first dimeric organoarsenic(III) 1,1-dithiolate associated through As...S secondary bonding  
**J. Chem. Soc. Dalton Trans.** 1994 (14) 2191-2195

Cristian Silvestru, D. Bryan Sowerby, *Ionel Haiduc*, Klaus H. Ebert and Hans J. Breunig: Organoantimony(V) and -antimony(III) derivatives of diorganodithiophosphinato ligands. Synthesis, spectroscopic characterization and X-ray molecular structure of  $\text{Me}_3\text{Sb}(\text{S}_2\text{PPh}_2)_2$   
**Main Group Metal Chem.** 1994, 17 (7) 505-518.

Jose S. Casas, Alfonso Castiñeiras, *Ionel Haiduc*, Agustin Sánchez, Jose Sordo and Ezequiel M. Vázquez-López: Supramolecular self-organization in catena-poly[(dimethylphosphinothioato)thallium(III)],  $[\text{TlMe}_2\{\text{S}(\text{O})\text{PPh}_2\}]_n$ , a polymer with secondary interactions between the chain segments  
**Polyhedron**, 1994, 13 (12) 1805-1809.

*Ionel Haiduc*, Cristian Silvestru, Francesco Caruso, Mario Rossi and Marcel Gielen: Organotin(IV) diethylmonothiophosphinates. The structure of molecular, monomeric  $\text{Me}_2\text{Sn}(\text{OSPEt}_2)_2$  versus polymeric  $\text{Me}_2\text{Sn}(\text{OSPPH}_2)_2$   
**Rev. Roumaine Chim.** 1994, 39 (1) 53-64.

Bernhard K. Keppler, Cristian Silvestru and *Ionel Haiduc*: Antitumor organometallics. III. In vivo activity of diphenylantimony(III) and diorganotin(IV) dithiophosphorus derivatives against P388 leukemia  
**Metal-Based Drugs**, 1994, 1 (1) 75-80.

Klaus H. Ebert, Reinhold E. Schulz, Hans J. Breunig, Cristian Silvestru and *Ionel Haiduc*: Syntheses and structures of dimesitylbismuth(III) bromide,  $\text{Mes}_2\text{BiBr}$ , and bis(diphenyldithiophosphinato)-mesitylbismuth(III),  $\text{MesBi}(\text{S}_2\text{PPh}_2)_2$ . **J. Organomet. Chem.** 1994, 470 (1/2) 93-98.

Klaus H. Ebert, Hans J. Breunig, Cristian Silvestru, Ionel Stefan and *Ionel Haiduc*: Crystal and molecular structure of bis(diphenyldithiophosphinato)lead(II)  $[\text{Pb}(\text{S}_2\text{PPh}_2)_2]$ , a new type of polymer associated through Pb...S secondary interactions **Inorg. Chem.** 1994, 33 (8) 1695-1699.

Anca Silvestru, *Ionel Haiduc*, Klaus H. Ebert and Hans J. Breunig: Novel coordination pattern of dithiophosphorus ligands. Crystal and molecular structure of (diphenylphosphinodithioato)-phenyltellurium(II),  $\text{PhTeS}_2\text{PPh}_2$ . Supramolecular association through monodentate biconnective dithiophosphorus ligands. **Inorg. Chem.** 1994, 33 (7) 1253-54.

Melanie Rieckhoff, Mathias Noltemeyer, Frank T. Edelmann, *Ionel Haiduc* and Ioan Silaghi-Dumitrescu: Ein alter Ligand in neuer Umgebung: Dreifach verbrückendes O,O'-Dimethyldithiophosphat im Organosamarium-Komplex  $[(\text{C}_5\text{Me}_5)\text{Sm}\{\text{S}_2\text{P}(\text{OMe})_2\}_2]_2$  **J. Organomet. Chem.** 1994, 469 (1) C19-C21.

Maria Curtui and *Ionel Haiduc*: Solvent extraction of thorium(IV) with dialkyldithiophosphoric acid in various organic solvents **J. Radioanal. Nucl. Chem.** 1994, 186 (3) 273-280.

D. Bryan Sowerby, Michael J. Begley, Luminita Silaghi-Dumitrescu, Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: Antimony(III) and phenylantimony(III) dimethyldithioarsinates. Synthesis and mass spectral study. Crystal structure of  $\text{Ph}_2\text{SbS}_2\text{AsMe}_2$ , the first coordination polymer associated via bridging dimethyldithioarsinate ligands **J. Organomet. Chem.** 1994, 469 (1) 45-53.

Frank T. Edelmann, Mathias Noltemeyer, *Ionel Haiduc*, Cristian Silvestru and Raymundo Cea-Olivares: Bismuth(III) dimethyldithiophosphinate,  $\text{Bi}(\text{S}_2\text{PMe}_2)_3$ : another dimer formed through secondary bonding. The stereochemically active lone pair revisited **Polyhedron** 1994, 13 (4) 547-552.

Cristian Silvestru, *Ionel Haiduc*, Klaus H. Ebert, Hans J. Breunig and D. Bryan Sowerby: Trimethylantimony(V) diorganomonophosphinates. The crystal structure of bis(diphenylmonothiophosphinato)trimethylantimony(V),  $\text{Me}_3\text{Sb}(\text{OSPPH}_2)_2$ , containing a monodentate monothiophosphinato ligand **J. Organomet. Chem.** 1994, 468 (1/2) 113-119.

**1993**



Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: On the ring angles in the four-membered cyclodiphosphazanes

**Studia Univ. Babeş-Bolyai, Chemia**, 1993, 38(1/2) 183-186.

Roland Rösler, Christian Silvestru, *Ionel Haiduc*, François Kayser, Marcel Gielen and Bernard Mahieu: Synthesis and characterization of some new organotin(IV) tetraphenyldithiomidodiphosphinates

**Main Group Metal Chem.** 1993, 16 (6) 435-443.

Cristian Silvestru, *Ionel Haiduc*, Rose Kaller, Klaus H. Ebert and Hans J. Breunig: Synthesis, spectroscopic characterization and molecular structure of dimeric (diethyldithio-phosphinato)di(para-tolyl)antimony(III), [(p-CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>)<sub>2</sub>SbS<sub>2</sub>P(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>]<sub>2</sub>, containing a novel monocyclic P<sub>2</sub>S<sub>4</sub>Sb<sub>2</sub> inorganic ring system, formed through Sb...S semibonding interactions

**Polyhedron** 1993, 12 (21) 2611-2617.

*Ionel Haiduc*, Rodica Micu-Semeniuc and Luminita Silaghi-Dumitrescu: Transition metal complexes of organothiophosphorus ligands. IX. Adducts of nickel alkoxy- and phenoxyethyl phosphorodithioates with primary and tertiary mono- and diamines

**Syn. React. Inorg. Metal-org. Chem.** 1993, 23 (10) 1629-1643.

M.G. Newton, R.B. King, *Ionel Haiduc* and Anca Silvestru: A unique supramolecular structure of catena-poly[bis(μ-diphenylphosphinodithioato)-ditellurium(I)(*Te-Te*)], [Te<sub>2</sub>(S<sub>2</sub>PPh<sub>2</sub>)<sub>2</sub>]<sub>n</sub>, containing Te-Te...Te-Te... chains

**Inorg. Chem.** 1993, 32 (18) 3795-3796.

M.Gary Newton, *Ionel Haiduc*, R.Bruce King and Cristian Silvestru: A unique macrocyclic structure of tetrameric trimethyltin(IV) diphenylphosphinate, [Me<sub>3</sub>SnO<sub>2</sub>PPh<sub>2</sub>]<sub>4</sub>, containing a sixteen-membered Sn<sub>4</sub>O<sub>8</sub>P<sub>4</sub> inorganic ring

**J. Chem. Soc. Chem. Commun.** 1993 (18) 1229-1230.

Ioan Silaghi-Dumitrescu, *Ionel Haiduc* and D. Bryan Sowerby: Fully inorganic (carbon-free) fullerenes? The boron-nitrogen case

**Inorg. Chem.** 1993, 32 (17) 3755-3758.

C.Silvestru, *I. Haiduc*, F. Caruso, M. Rossi, B. Mahieu and M. Gielen: Organotin diphenylmonothio-phosphinates. Crystal structure of bis(diphenylmonothio-phosphinato)dimethyltin(IV), Me<sub>2</sub>Sn(OSPPh<sub>2</sub>)<sub>2</sub>

**J. Organomet. Chem.** 1993, 448, 75-82.

Maria Curtui and *Ionel Haiduc*: Synergic extraction of dioxouranium(VI) with di(2-ethylhexyl)dithiophosphoric acid and triphenylphosphine oxide in benzene

**J. Radioanal. Nucl. Chem. Letters** 1993 (3) 233-243.

Frank T. Edelman, Melanie Riekhoff, *Ionel Haiduc* and Ioan Silaghi-Dumitrescu: *ansa*-Metallocenderivate des Samariums und Ytterbiums mit "weichen" Donorliganden  
**J. Organomet. Chem.** 1993, 447 (2) 203-208.

*Ionel Haiduc*, Cristian Silvestru, Herbert W. Roesky, Hans-Georg Schmidt and Mathias Noltemeyer: A new inorganic metallacycle containing tin, sulfur, phosphorus and nitrogen. Crystal and molecular structure of spirobicyclic  $\text{Me}_2\text{Sn}(\text{SPPPh}_2\text{NPPPh}_2\text{S})_2$ .  
**Polyhedron** 1993, 12 (1) 69-75.

## 1992

L. Silaghi-Dumitrescu and *I. Haiduc*: Fragmentation of diphenylantimony(III) diphenyldithioarsinate  $\text{Ph}_2\text{SbS}_2\text{AsPh}_2$  under electron impact  
**Studia Univ. Babeş-Bolyai, Chem.** 1992, 37 (1/2) 3-6.

M. Curtui, *I. Haiduc* and Iovanca Haiduc: Solvent extraction of thorium(IV) with dialkyldithiophosphoric acids  
**J. Radioanal. Nucl. Chem., Letters**, 1992, 165(2) 95-105.

Christian Silvestru, Maria Curtui, *Ionel Haiduc*, Michael J. Begley and D. Bryan Sowerby: Phenylantimony(III) diorganophosphorodithioates: the crystal structure of diphenylantimony(III) di-isopropylphosphorodithioate,  $\text{Ph}_2\text{SbS}_2\text{P}(\text{OPr}^i)_2$ ; unusual polymerization through semibonding  
**J. Organomet. Chem.** 1992, 426, 49-58.

M. Curtui and *I. Haiduc*: Solvent extraction of lanthanum(III) and cerium(IV) with dialkyldithiophosphoric acids. Separation from thorium(IV)  
**J. Radioanal. Nucl. Chem., Letters**, 1992, 164 (2) 91-101.

## 1991

Cristian Silvestru, *Ionel Haiduc*, Bernard Mahieu and Marcel Gielen: Di- and triorganotin(IV) diphenylphosphinates,  $\text{R}_{4-n}\text{Sn}(\text{O}_2\text{PPh}_2)_n$ . Structural considerations based upon  $^{119\text{m}}\text{Sn}$  Mossbauer spectra.  
**Main Group Metal Chem.** 1991, 14, 257-262.

Carmen Socaciu, Adela Bara, Cristian Silvestru and *Ionel Haiduc*: Antitumor organometallics. II. Inhibitory effects of two diphenylantimony(III) dithiophosphorus derivatives on in vitro and in vivo Ehrlich ascites tumor  
**In Vivo** 1991, 5, 425-428.

Adela Bara, Carmen Socaciu, Cristian Silvestru and *Ionel Haiduc*: Antitumor organometallics. I. Activity of some diphenyltin(IV) and diphenylantimony(III) derivatives on in vitro and in vivo Ehrlich ascites tumor.  
**Anticancer Res.** 1991, 11, 1651-1656.

*Ionel Haiduc* and Ioan Silaghi-Dumitrescu: The richness of structures available to  $P_2N_2$  inorganic heterocycles. A topological and molecular orbital (EHMO) analysis.

**Rev. Roumaine Chim.** 1991, 36(4/7), 527-544.

**Phosphorus, Sulfur & Silicon** 1992, 65, 53-56 (short version).

## 1990

Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: The electronic structure of  $[H_3SiNSiH_3]^-$  anion. A simple molecular orbital treatment

**Rev. Roumaine Chim.** 1990, 35(3) 480-484.

Rodica Grecu, Rodica Constantinescu, I. Silaghi-Dumitrescu and *I. Haiduc*: The infrared spectra of methyl(O-methyl)dithiophosphonic acid. Multiplicity of some bands due to different conformers

**J. Mol. Struct.** 1990, 218, 111-116.

C. Silvestru, C. Socaciu, A. Bara and *I. Haiduc*: The first organoantimony(III) compounds possessing antitumor properties: diphenylantimony(III) derivatives of dithiophosphorus ligands

**Anticancer Research** 1990, 10, 803-804.

## 1989

I. Silaghi-Dumitrescu, R. Grecu, L. Silaghi-Dumitrescu and *I. Haiduc*: Vibrational spectra and coordination behavior of organodithiophosphorus ligands

**Studia Univ. Babeş-Bolyai, Chemia**, 1989, No. 1, 97-101.

Maria Curtui and *Ionel Haiduc*: Solvent extraction of praseodymium(III) and samarium(III) with di(2-ethylhexyl)dithiophosphoric acid

**Studia Univ. Babeş-Bolyai, Chemia**, 1989, 34(1), 89-96.

Cristian Silvestru, Florin Ilies and *Ionel Haiduc*: Organotin diphenylphosphinates,  $R_4-nSn(O_2PPh_2)_n$

**Studia Univ. Babeş-Bolyai, Chemia**, 1989, 34(1), 93-96.

Cristian Silvestru and *Ionel Haiduc*: Synthesis and characterization of di- and triorganotin(IV) dimethyldithiophosphinates

**J. Organomet. Chem.** 1989, 365, 83-90.

Luminita Silaghi-Dumitrescu, Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: The sulfotropic molecular rearrangement of tetraorganodiarsine disulfides

**Rev. Roumaine Chim.** 1989, 34, 305-315.

## 1988

O. Cozar, R. Semeniuc, V. Znamirovski and *I. Haiduc*: ESR and IR studies of some oxovanadium dithiophosphonates

**Rev. Roumaine Phys.** 1988, 33, 1131-1138.

Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: Electronic structure and bonding in diamidoboron cations. A molecular orbital study of  $[\text{H}_2\text{NBNH}_2]^+$

**Rev. Roum. Chim.** 1988, 33, 851-856.

I. Silaghi-Dumitrescu and *I. Haiduc*: Linear versus bent bis(diphenylphosphine)iminium cations. A molecular orbital discussion of the bonding in  $[\text{H}_3\text{PNPH}_3]^+$  and related species

**Rev. Roumaine Chim.** 1988, 33, 133-142.

## 1987

C. Silvestru, F. Ilies, *I. Haiduc*, M. Gielen and J.J. Zuckerman: Di- and triorganotin(IV) diphenyldithiophosphinates

**J. Organomet. Chem.** 1987, 330, 315-324.

C. Silvestru, *I. Haiduc*, S. Klima, U. Thewalt, M. Gielen and J.J. Zuckerman: Synthesis and characterization of di- and triorganotin(IV) diethyldithiophosphinates. The crystal and molecular structure of bis(diethyldithiophosphinato)dimethyltin(IV),  $\text{Me}_2\text{Sn}(\text{S}_2\text{PEt}_2)_2$

**J. Organomet. Chem.** 1987, 327, 181-191.

D. Bryan Sowerby and *Ionel Haiduc*: The crystal structure of bismuth diethyldithiophosphinate-benzene(1/1),  $\text{Bi}(\text{S}_2\text{PEt}_2)_3 \cdot \text{C}_6\text{H}_6$

**J. Chem. Soc. Dalton Trans.** 1987, 1257-1259.

Michael J. Begley, D. Bryan Sowerby and *Ionel Haiduc*: The crystal structures of the diphenyldithio-phosphinates of antimony(III) and bismuth(III):  $\text{M}(\text{S}_2\text{PPh}_2)_3$  (M = Sb or Bi)

**J. Chem. Soc. Dalton Trans.** 1987, 145-150.

## 1986

F. Dogar, L. Silaghi-Dumitrescu, R. Grecu and *I. Haiduc*: Amine adducts of nickel(II) diphenyldithiophosphinate with substituted ethylenediamines

**Rev. Roumaine Chim.** 1986, 31, 79-84.

Michael J. Begley, D. Bryan Sowerby, Denise M. Wesolek, Christian Silvestru and *Ionel Haiduc*: Diphenylantimony(III) diphenylphosphinate and diphenylmonothiophosphinate: synthesis, spectra and crystal structure

**J. Organomet. Chem.** 1986, 316, 281-289

Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: The bonding in dialkyldithiophosphinato metal complexes. A molecular orbital study of bis(dimethyldithiophosphinato)nickel(II)  
**Rev. Roumaine Chim.** 1986, 31, 955-962

Philip Clare, D.Bryan Sowerby and *Ionel Haiduc*: The crystal structure of bis(N-pentafluorophenyl) tetraphenyl-cyclodisilazane-tetrabenzene,  $(\text{Ph}_2\text{SiNC}_6\text{F}_5)_2 \cdot 4\text{C}_6\text{H}_6$   
**J. Organomet. Chem.** 1986, 310, 161-167.

F. Dogar, L. Silaghi-Dumitrescu, R. Grecu and I. Haiduc: Amine adducts of nickel(II) diphenyldithio-phosphinate with substituted ethylenediamines  
**Rev. Roumaine Chim.** 1986, 31, 79-83.

Luminita Silaghi-Dumitrescu, Luis Alberto Avila-Diaz and *Ionel Haiduc*: Dimethyl- and diphenyldithio-arsinates of some main group metals  
**Rev. Roumaine Chim.** 1986, 31, 335-340

Christian Silvestru, Luminita Silaghi-Dumitrescu, *Ionel Haiduc*, Michael J. Begley, Michael Nunn and D.Bryan Sowerby: Synthesis of diphenylantimony(III) dialkyldithio- and diaryldithio-phosphinates and -arsinates. Crystal structures of  $\text{Ph}_2\text{SbS}_2\text{MPh}_2$  (M = P or As)  
**J. Chem. Soc. Dalton Trans.** 1986, 1031-1034.

*Ionel Haiduc*, Maria Curtui and Iovanca Haiduc: Solvent extraction of uranium(VI) with di-2-ethylhexyldithiophosphoric acid from aqueous nitrate, chloride, sulfate and phosphate media  
**J. Radioanal. Nucl. Chem., Articles** 1986, 99, 257-263.

Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: Why are cyclodisilazane rings more stable than cyclodisiloxanes? A qualitative molecular orbital approach to the bonding in cyclodisilazanes and cyclodisiloxanes  
**Inorg. Chim. Acta** 1986, 112, 159-165.

## 1985

*Ionel Haiduc*, Maria Curtui, Iovanca Haiduc and Ioan Silaghi-Dumitrescu: Solvent extraction of uranium, thorium and rare earths with dialkyldithiophosphoric acids in “**Chemical Aspects of Nuclear Methods of Analysis**”, IAEA-TECDOC-350, A technical document issued by the International Atomic Energy Agency, Vienna, 1985, p. 101-172.

*I. Haiduc* and C. Silvestru: Trichlorodiphenylantimony(V)  
**Inorg. Syntheses** 1985, 23, 194-195.

Peter B. Hitchcock, John F. Nixon, Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: The crystal and molecular structure of a versatile ligand: tetraphenyldithioimidodiphosphinate,  $\text{Ph}_2(\text{S})\text{P}-\text{NH}-\text{P}(\text{S})\text{Ph}_2$

**Inorg. Chim. Acta** 1985, 96, 77-80.

I. Silaghi-Dumitrescu and *I. Haiduc* : The electronic structure and bonding in the thiophosphoryl cation  $\text{PS}^+$

**Phosphorus & Sulfur** 1985, 22, 85-91.

## 1984

Luminita Silaghi-Dumitrescu, *Ionel Haiduc* and Johannes Weiss: Preparation and properties of some organotin dimethyl- and diphenyl-dithioarsinates. The crystal structure of  $(\text{CH}_3)_2\text{Sn}[\text{S}_2\text{As}(\text{CH}_3)_2]_2$

**J. Organomet. Chem.** 1984, 263, 159-165

I. Silaghi-Dumitrescu and *I. Haiduc*: Electronic structure and force constants of the dithionitronium cation  $\text{NS}_2^+$

**J. Mol. Struct.** 1984, 106, 217-223.

*I. Haiduc*, I. Silaghi-Dumitrescu, Rodica Grecu, Rodica Constantinescu and Luminita Silaghi-Dumitrescu: Vibrational spectra of phosphorodithioic metal complexes. Normal coordinate treatment of bis(O-isopropyl-ethylthiophosphonato)nickel(II)

**J. Mol. Struct.** 1984, 114, 467-470.

T. Braun, P. Bull, J. Fardy, *I. Haiduc*, F. Makasek, W.J. McDowell, N.Z. Misak, J.D. Návratil and T. Sato: Solvent extraction of uranium, thorium and rare earths with dialkyldithiophosphoric acids

**J. Radioanal. Nucl. Chem.** 1984, 84, 461-468

M. Curtui and *I. Haiduc*: Extraction of uranium(VI) with di-2-ethylhexyldithiophosphoric acid in different organic solvents

**J. Radioanal. Nucl. Chem. Letters** 1984, 86(5), 281-290.

## 1983

Luminita Silaghi-Dumitrescu and *Ionel Haiduc*: Organo-silicon, -germanium and -lead derivatives of dimethyl- and diphenyl-dithioarsinic acids

**J. Organomet. Chem.** 1983, 259, 65-69.

R. Micu-Semeniuc, S. Popse and *I. Haiduc*: Some novel salts and ligand properties of the cyclic  $\text{P}_2\text{S}_8^{2-}$  anion

**Rev. Roumaine Chim.** 1983, 28, 605-614

Luminita Silaghi-Dumitrescu and *Ionel Haiduc*: A sulfotropic molecular rearrangement of diphenylphosphinyl diorganodithioarsinates. Formation of diorganoarsenic(III) diphenyldithiophosphinates

**J. Organomet. Chem.** 1983, 252, 295-299.

Luminita Silaghi-Dumitrescu and *Ionel Haiduc*: Convenient preparation of phenylarsenic(III) chlorides from tetraphenyltin and arsenic(III) chloride

**Synth. React. Inorg. Metal-org. Chem.** 1983, 13, 475-480

D. Bryan Sowerby, *Ionel Haiduc*, Anamaria Barbul-Rusu and Marius Salajan: Antimony(III) diorgano-phosphoro- and diorganophosphinodithioates. Crystal structure of  $\text{Sb}[\text{S}_2\text{P}(\text{OR})_2]_3$  (R = Me or i-Pr)

**Inorg. Chim. Acta** 1983, 68, 87-96

*I. Haiduc*, C. Silvestru and M. Gielen: Organotin compounds: new organometallic derivatives exhibiting antitumor activity

**Bull. Soc. Chim. Belge** 1983, 92, 187-189

## 1982

Ioan Silaghi-Dumitrescu, Luminita Silaghi-Dumitrescu and *Ionel Haiduc*: Normal coordinate analysis of the vibrational spectrum of dimethyldithioarsinato anion,  $(\text{CH}_3)_2\text{AsS}_2^-$

**Rev. Roumaine Chim.** 1982, 27, 911-916.

Philip Clare, D. Bryan Sowerby and *Ionel Haiduc*: The crystal structure of a cyclo-silazoxane  $[(\text{Me}_2\text{Si})_2\text{ONC}_6\text{F}_5]_2$

**J. Organomet. Chem.** 1982, 236, 293-299.

I. Silaghi-Dumitrescu and *I. Haiduc*: Bonding in organophosphorus compounds. A CNDO/2 calculation of electronic structure

**Phosphorus & Sulfur**, 1982, 12, 205-212.

*Ionel Haiduc* and Luminita Silaghi-Dumitrescu: Organotin and tin(IV) derivatives of dimethyldithioarsinic acid

**J. Organomet. Chem.** 1982, 225, 225-232.

## 1981

V. Coldea, M. Coldea and *I. Haiduc*: Proton magnetic resonance spectra of some di- and triorganotin mono- and dithiocarboxylates

**Rev. Roumaine Chim.** 1981, 26, 71-5.

I. Haiduc: Coordination patterns of dithiophosphorus ligands

**Rev. Inorg. Chem.** 1981, 3, 353-362.

Ionel Haiduc: Inorganic heterocycles as ligands  
**Chem. Britain** 1981, 17, 330-333.

M. Curtui and *I. Haiduc*: Solvent extraction of thorium(IV) with diethyldithiophosphoric acid.  
**Radiochem. Radioanal. Letters**, 1981, 50(1), 55-66.

Maria Curtui and *Ionel Haiduc*: Solvent extraction of dioxouranium(VI) with dialkylphosphorodithioic acids. VI. Synergic effect of triphenylphosphine oxide  
**J. Inorg. Nucl. Chem.** 1981, 43, 1076-1078.

## 1980

Rodica Micu-Semeniuc, Floarea Vesa and *Ionel Haiduc*: Transition metal complexes of organothiophosphorus ligands. VIII. Amine adducts of nickel(II) and cobalt(II) bis(diphenyl- and phenoxyethyl-phosphorodithioates)  
**Studia Univ. Babes-Bolyai, Chemia** 1980, 25(2), 44-48.

Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: Vibrational characteristics of Ni(II) dithiophosphinato chelates. Normal coordinate analysis and Urey-Bradley force field calculations of Ni[S<sub>2</sub>P(CH<sub>3</sub>)<sub>2</sub>]<sub>2</sub>.  
**Rev. Roumaine Chim.** 1980, 25, 823-830.

Ioan Silaghi-Dumitrescu and *Ionel Haiduc*: The infrared spectrum of dimethyldithiophosphinato anion (CH<sub>3</sub>)<sub>2</sub>PS<sub>2</sub><sup>-</sup>. Normal coordinate analysis and Urey-Bradley force field calculations  
**Rev. Roumaine Chim.** 1980, 25, 815-821.

Rodica Micu-Semeniuc, Cristina Opris and *Ionel Haiduc*: Transition metal complexes of organothiophosphorus ligands. VII. Amine adducts of di(α- and β-naphthyl)phosphorodithioato nickel(II)  
**Rev. Roumaine Chim.** 1980, 25, 1489-1498.

Rodica Micu-Semeniuc, Luminita Silaghi-Dumitrescu, N. Chirila and *Ionel Haiduc*: Transition metal complexes of organothiophosphorus ligands. VI. Six-coordinate adducts of nickel(II) bis(dialkyldithiophosphorodithiate) with aromatic amines  
**Rev. Roumaine Chim.** 1980, 25, 1025-1031.

V. Coldea and *I. Haiduc*: Determinarea staniului din compusi organostanici [Determination of tin in organotin compounds - *in Roumanian*]  
**Rev. Chim. (Bucuresti)** 1980, 31, 86-8.

V. Coldea and *I. Haiduc*: Preparation and spectral properties of some organotin mono- and dithiocarboxyates



**Syn. React. Inorg. Metal-org. Chem.** 1980, 10, 417-21.

J.L. Lefferts, K.C. Molloy, J.J. Zuckerman, *I. Haiduc*, M. Curtui, C. Guta and D. Ruse: Diorganotin(IV) bis(dithiophosphate) esters  
**Inorg. Chem.** 1980, 19, 2861-8.

K.C. Molloy, M.B. Hossain, D. Van der Helm, J.J. Zuckerman and *I. Haiduc*: X-Ray crystal and molecular structure of bis(O,O'-diisopropyl dithiophosphato)diphenyltin(IV), a monomeric, molecular, virtual polymer  
**Inorg. Chem.** 1980, 19, 2041-5.

J.L. Lefferts, K.C. Molloy, J.J. Zuckerman, *I. Haiduc*, C. Guta and D. Ruse: Triorganotin(IV) dithiophosphate esters  
**Inorg. Chem.** 1980, 19, 1662-70.

Michael J. Begley, D. Bryan Sowerby and *Ionel Haiduc*: Pentagonal pyramidal coordination; X-ray crystal structure of antimony(III) tris(diphenyldithiophosphinate)  
**J. Chem. Soc. Chem. Commun.** 1980, 64-65.

## 1979

K.C. Molloy, M.B. Hossain, D. Van der Helm, J.J. Zuckerman and *I. Haiduc*: Crystal and molecular structure of (O,O'-diethyldithiophosphato)triphenyltin(IV) at 138K. A unique monodentate dithiophosphate derivative  
**Inorg. Chem.** 1979, 18, 3507-11.

Stephen P. Bone, D. Bryan Sowerby, Rodica Constantinescu and *Ionel Haiduc*: The preparation and crystal structure of bis(O-isopropyl-ethylthiophosphonato)nickel(II)  
**J. Chem. Res.** 1979, (S) 69; (M) 0933-0963.

R. Micu-Semeniuc, L. Dumitrescu-Silaghi and *I. Haiduc*: Transition metal complexes of organothiophosphorus ligands. V. Some aryl esters and amides of dithiophosphoric acid and their nickel(II) and cobalt(II and III) complexes  
**Inorg. Chim. Acta** 1979, 33, 281-285.

## 1978

O. Cozar, V. Znamirovski and *I. Haiduc*: Solvent dependent EPR spectra of copper(II)-monoethanolamine complexes in water-ethanol mixtures  
**Studia Univ. Babeş-Bolyai, Physica**, 1978, 23, 6-9.

*Ionel Haiduc*: Inorganic fragments in graft and block copolymers: a review of solved and unsolved problems  
**J. Polym. Sci., Polym. Symp.** 1978, 64, 43-55.

M. Curtui, *I. Haiduc* and Gh. Marcu: Solvent extraction of dioxouranium(VI) with dialkyldithiophosphoric acids. IV. Partition in the benzene-water solvent system  
**J. Radioanal. Chem.** 1978, 44, 109-117.

**1977**

Gh. Marcu, *Ionel Haiduc* and Maria Curtui: Solvent extraction of uranium(VI) with dialkylphosphorodithioic acids. VII. The synergistic effect of n-butanol in the extraction with benzene  
**Studia Univ. Babeş-Bolyai, Chemia**, 1977, 22, 49-54.

*Ionel Haiduc*, Gh. Marcu and Maria Curtui: Solvent extraction of uranium(VI) with dialkylphosphoro-dithioic acids. V. Synergistic effect of tributylphosphate  
**Rev. Roumaine Chim.** 1977, 22, 626-632.

Ileana Balazs, Valer Fărcăsan and *Ionel Haiduc*: Synthesis of di- and triphenyllead polychloroacetates  
**Rev. Roumaine Chim.** 1977, 22, 379-383.

K.A. Andrianov, M. Curtui, P.L. Prohodko, *I. Haiduc*, V.M. Kopylov, Zh. Syrtsova and M.I. Shkolnik: Reactions of organosilazanes with alcohols (original in Russian)  
**Zhur. Obshch. Khim.** 1977, 47, 600-603.

I. Gergen, R. Micu-Semeniuc and *I. Haiduc*: Mixed ligand nickel(II) complexes containing tetrathiomolybdate and tetrathioarsenate groups and diamines  
**Syn. React. Inorg. Metal-org. Chem.** 1977, 7, 183-193.

Gh. Marcu, Maria Curtui and *Ionel Haiduc*: Solvent extraction of dioxouranium(VI) with dialkylphosphorodithioic acids. I. The mechanism of extraction in n-butanol  
**J. Inorg. Nucl. Chem.** 1977, 39, 1415-1418.

**1976**

Maria Curtui, Gh. Marcu and *Ionel Haiduc*: Solvent extraction of uranium(VI) with dialkylphosphorodithioic acids. III. Dialkylphosphorodithioic acids in nonmiscible water-n-butanol and water-benzene solvent extraction systems  
**Studia Univ. Babeş-Bolyai, Chemia** 1976, 21, 74-79.

Maria Curtui, Gh. Marcu, M. Diaconeasa and *Ionel Haiduc*: Solvent extraction of uranium(VI) with dialkylphosphorodithioic acids. II. The extraction of uranium with diisopropyl- and bis(2-ethylhexyl)-phosphorodithioic acids in butanol  
**Studia Univ. Babeş-Bolyai, Chemia** 1976, 21, 63-67.

D. Bryan Sowerby and *Ionel Haiduc*: The crystal structure of N,N'-diphenylethylenediamine-bis-(O,O'-diethylphosphorodithioato)-nickel(II)

**Inorg. Nucl. Chem. Letters** 1976, **12**, 791-793.

D.B. Sowerby and *I. Haiduc*: The crystal and molecular structure of a mixed ligand complex: tetramethylethylenediamine-bis(O,O'-diethylphosphorodithioato)nickel(II)  
**Inorg. Chim. Acta** 1976, **17**, L 15-L16.

Ionel Haiduc and Maria Curtui: Preparation of bis(dialkylphosphorodithioato)dioxo(triphenylphosphine oxide) uranium(VI) complexes  
**Syn. React. Inorg. Metal-org. Chem.** 1976, **6**, 125-132.

O. Cozar, V. Znamirovski and *I. Haiduc*: ESR investigation of the effect of ethanol upon the structure of [Cu(trien)SCN]SCN in mixed water-ethanol solutions  
**J. Molec. Struct.** 1976, **31**, 153-159.

R. Constantinescu, F. Martinas and *I. Haiduc*: Transition metal complexes of organothiophosphorus ligands. IV. Six-coordinate adducts of nickel(II) bis(dialkylphosphorodithioates) with symmetrically substituted ethylenediamines  
**Inorg. Chim. Acta**, 1976, **19**, 105-108.

R. Micu-Semeniuc, L. Dumitrescu-Silaghi and *I. Haiduc*: Transition metal complexes of organo-thiophosphorus ligands. III. Six-coordinate adducts of nickel(II) bis(diphenylphosphorodithioate) with aromatic and heterocyclic diamines  
**Inorg. Chim. Acta**, 1976, **17**, 5-11.

V.P. Botha, A. Ziegler and *I. Haiduc*: Transition metal complexes of organothiophosphorus ligands. II. Cobalt(II) chelates of some diphenylthiothiophosphoryl thioureas  
**Inorg. Chim. Acta** 1976, **17**, 13-16.

## 1975

O. Cozar, V. Znamirovski and *I. Haiduc*: On the metal-ligand bonding in copper(II)-bis(8-hydroxy-quinolate)  
**Studia Univ. Babes-Bolyai, Physica**, 1975, **20**, 29-36.

*I. Haiduc* and V.P. Botha: Carbon-free chelate rings: inorganic metallocycles containing imidodiphosphinato groups  
**1er Symposium International de Chimie Heterocyclique minerale**. Besancon, 16-19 Juin 1975, p. 437-449.

*I. Haiduc*, A. Ziegler and R. Küchel: Methyl-phenyl substituted cyclotrisilazanes. Preparation and isomerism  
**1er Symposium International de Chimie Heterocyclique Minerale**. Besancon, 16-19 Juin 1975, p. 317-329.

*Ionel Haiduc* and E. Veres: Metal-organic derivatives of organo-thiophosphorus acids. II. Arylmercury dialkylphosphoro-dithioates  
**Syn. React. Inorg. Metal-org. Chem.** 1975, **5**, 115-122.

*Ionel Haiduc*, F. Martinas, D. Ruse and M. Curtui: Metal-organic derivatives of organo-thiophosphorus acids. I. Tri- and diphenyllead phosphorodithioates  
**Syn. React. Inorg. Metal-org. Chem.** 1975, **5**, 103-114.

A. Ziegler, V.P. Botha and *I. Haiduc* : Transition metal complexes of organothiophosphorus ligands. I. Nickel(II) chelates of some new diphenylthiophosphinyl thioureas  
**Inorg. Chim. Acta** 1975, **12**, 123-128.

### 1974

*Ionel Haiduc* and Maria Curtui: Thin layer chromatography of some transition metal diethyldithio-phosphates  
**Studia Univ. Babes-Bolyai, Chemia**, 1974, **19(2)**, 71-75.

*Ionel Haiduc*, R.Bruce King and Henry Gilman: Reactions of some pentafluorophenyl-silicon derivatives with the  $\pi$ -cyclopentadienyliron dicarbonyl anion  
**Rev. Roumaine Chim.** 1974, **19**, 1709-1715.

### 1973

R.B. King, *Ionel Haiduc* and C.W. Eavenson: Reactions of transition metal compounds with macrocyclic alkadiynes. III. Intramolecular transannular cyclizations and related processes with iron carbonyls  
**J. Am. Chem. Soc.** 1973, **95**, 2508-2516.

R.B. King, *Ionel Haiduc* and A. Efraty: Reactions of transition metal compounds with macrocyclic alkadiynes. II. Cyclopentadienylnickel and dicobalthexacarbonyl complexes retaining the macrocyclic alkadiyne structure unit  
**J. Organomet. Chem.** 1973, **47**, 145-151.

### 1972

R.B. King and *Ionel Haiduc*: Some ring size effects in the intramolecular transannular cyclizations of macrocyclic alkadiynes with iron carbonyls  
**J. Am. Chem. Soc.** 1972, **94**, 4044-4046.

### 1971

*Ionel Haiduc* and Henry Gilman: Reactions of polychlorobenzenes with organolithium reagents. Polychloroaromatic organosilicon compounds

**Rev. Roumaine Chim.** 1971, **16**, 907-918.

*I. Haiduc* and H. Gilman: The reaction of pentachloropyridine with some organolithium compounds

**Rev. Roumaine Chim.** 1971, **16**, 597-600.

*Ionel Haiduc* and Henry Gilman: The reaction of tetrachlorothiophene with some organolithium compounds

**Rev. Roumaine Chim.** 1971, **16**, 305-310.

*Ionel Haiduc* and Henry Gilman: N-Pentafluorophenylsilazanes and a cyclodigermazane  
**Syn. Inorg. Metal-org. Chem.** 1971, **1**, 75-81.

*Ionel Haiduc* and Henry Gilman: N-Pentafluorophenyl substituted cyclosilazoxanes  
**Syn. Inorg. Metal-org. Chem.** 1971, **1**, 69-74.

## 1970

Liviu Vancea and *Ionel Haiduc*: The ammonolysis of organotrichlorosilanes  
**Studia Univ. Babes-Bolyai, Chemia**, 1970(2), 45-52.

F. Dénes, C. Ungurenasu and *I. Haiduc*: Plasma polymerization in electrical discharges. Condensation of octamethylcyclotetrasiloxane in a silent discharge  
**European Polymer J.** 1970, **6**, 1155-1160.

## 1969

David Ballard, Thomas Brennan, F.W.G. Fearon, Kyo Shiina, *Ionel Haiduc* and Henry Gilman: Silylation of some polyhalogenated compounds  
**Pure & Applied Chemistry** 1969, **19**, 449-472.

*Ionel Haiduc* and Henry Gilman: N-Dilithiopentafluoroaniline and some silicon and germanium organoderivatives

**J. Organomet. Chem.** 1969, **18**, 5P-7P.

T. H. Kinstle, *I. Haiduc* and H. Gilman: Mass spectrometry of cyclopolysilanes  
**Inorg. Chim. Acta** 1969, **3**, 373-377.

## 1968

Cezar Ungurenasu und *Ionel Haiduc*: Die Reaktion von Polydimethylsiloxanchloriden mit Bis-cyclopentadienyl-titan(IV)-dihydrogensulfid

**Rev. Roumaine Chim.** 1968, **13**, 957-962.

H. Gilman and *I. Haiduc*: Comment on the thermal decomposition of triphenylthallium

**J. Am. Chem. Soc.** 1968, **90**, 5912.

*Ionel Haiduc* and Henry Gilman: Selective reactions of organolithium reagents with some polychlorobenzenes

**Chemistry & Industry (London)** 1968, 1278-1279.

*Ionel Haiduc* and Henry Gilman: The metalation of some pentachlorophenyl-substituted organosilicon compounds

**J. Organomet. Chem.** 1968, **14**, 79-85.

*Ionel Haiduc* and Henry Gilman: Perhaloaromatic organosiloxanes

**J. Organomet. Chem.** 1968, **14**, 73-78.

*Ionel Haiduc* and Henry Gilman: Lithiation of 1,2,3-trichloro- and 1,2,3,4-tetrachlorobenzenes. Organosilicon derivatives

**J. Organomet. Chem.** 1968, **13**, 4P-6P.

*Ionel Haiduc* and Henry Gilman: Pentachloro- and pentafluorophenyl-dimethylchlorosilane

**J. Organomet. Chem.** 1968, **13**, 257-260.

*Ionel Haiduc* and Henry Gilman: Some organosilicon derivatives prepared via metalation of 1,3,5-trichlorobenzene

**J. Organomet. Chem.** 1968, **12**, 394-396.

*Ionel Haiduc*, Iovanca Haiduc and Henry Gilman: Ultraviolet spectra of some polyhaloaromatic organosilicon derivatives

**J. Organomet. Chem.** 1968, **11**, 459-462.

*Ionel Haiduc* and Henry Gilman: Some organosilicon derivatives of 1,2,3,4-tetrafluorobenzene

**J. Organomet. Chem.** 1968, **11**, 55-61.

## 1966

*Ionel Haiduc*: Despre sinteza organociclosilazanilor si a unor compusi inruditi [About the synthesis of organocyclosilazanes and related compounds - *in Roumanian*]

**Studia Univ. Babes-Bolyai, Chemia**, 1966, Nr. 2, p.43-46.

*Ionel Haiduc* : A convenient method for preparing short-chain  $\alpha,\omega$ -dichloromethylsiloxanes

**Rev. Roumaine Chim.** 1966, **11**, 897-899.

## 1965

I. Haiduc: Contributions to the chemistry of polysilazanes. Polysilazoxanes  
**International Symposium on Organosilicon Chemistry. Scientific Communications, Prague, 1965, 301-5.**

*I. Haiduc* und H. Mantsch: Das Infrarotspektrum einiger neuer Methylsilazoxanringe  
**Spectrochim. Acta, 1965, 21, 981-985.**

## 1964

K.A. Andrianov, *I. Haiduc* and L.M. Khananashvili: Formation of polycyclic silazanes in the ammonolysis of dimethyldichlorosilane  
**Zhur. Obshch. Khim. 1964, 34, 912**  
**J. Gen. Chem. USSR (Engl. transl.) 1964, 34, 905.**

## 1963

K.A. Andrianov, *I. Haiduc* and L.M. Khananashvili: New eight-membered cyclosilazoxanes  
**Izvest. Akad. Nauk SSR, Ser. Khim. 1963, 1701-1702.**  
**Bull. Acad. Sci. USSR, Ser. Khim. (Engl. transl.) 1963, 1565.**

*Ionel Haiduc* and K.A. Andrianov: Nomenclature of inorganic silicon heterocycles  
**Izvest. Akad. Nauk SSR, Ser. Khim. 1963, 1537-1544.**  
**Bull. Acad. Sci. USSR, Ser. Khim. (Engl. transl.) 1963, 1403-.**

K.A. Andrianov, *Ionel Haiduc* and L.M. Khananashvili: A new inorganic ring - trisildiazoxane  
**Zhur. Obshch. Khim. 1963, 33, 2790-2791.**  
**J. Gen. Chem. USSR (Engl. transl.) 1963, 33, 2717-.**

K.A. Andrianov, *Ionel Haiduc* and L.M. Khananashvili: Unsaturated derivatives of cyclotrisilazane and their structure  
**Doklady Akad. Nauk SSSR, 1963, 150, 93-95.**  
**Doklady-Chemistry, Proc. Acad. Sci. USSR, (Engl.**

K.A. Andrianov, *Ionel Haiduc*, L.M. Khananashvili and M.B. Lotarev: Synthesis of cyclosilazane vinyl derivatives  
**Izvest. Akad. Nauk SSR, Ser. Khim. 1963, 948-950.**  
**Bull. Acad. Sci. USSR, Ser. Khim. (Engl. transl.) 1963, 860.**  
**transl.) 1963, 150, 385.**

## 1962

K.A. Andrianov, *Ionel Haiduc*, L.M. Khananashvili, N.I. Nekhaeva: Synthesis of dimethylcyclosilthioxanes

**Zhur. Obshch. Khim.** 1962, **32**, 3447-3448.  
**J. Gen. Chem. USSR (Engl.transl.)** 1962, **32**, 3447.

## 1961

Ionel Haiduc: Despre caracterul aromatic al ciclurilor anorganice [About the aromatic character of inorganic rings - *in Roumanian*]  
**Studia Univ. Babes-Bolyai, Chemia**, Ser.I, 1961, Fasc.2, p. 9-17.

I. Haiduc: About the systematization of inorganic cyclic compounds (in Russian)  
**Zhur. Strukt. Khim.** 1961, **2**, 374-382.

I. Haiduc: A systematization of inorganic cyclic compounds  
**J. Chem. Educ.** 1961, **38**, 134-137.

## 1960

Ionel Haiduc si Gheorghe Marcu: Cercetări asupra cobaltowolframatiilor cu ajutorul cobaltului radioactiv Co-60. Reactii de interconversiune. Schimb izotopic [*Investigation of cobaltotungstates with the aid of radioactive cobalt Co-60. Interconversion reactions. Isotopic exchange - in Roumanian*]  
**Studia Univ. Babes-Bolyai, Chemia**, 1960, Ser. I, Fasc.2, p. 77-84.

Raluca Ripan, Gheorghe Marcu si Ionel Haiduc: Cercetarea schimbului izotopic intre cobaltimolibdati si ionul  $\text{Co}^{2+}$  marcat cu cobalt radioactiv-60 [*Isotopic exchange between cobaltimolibdates and  $\text{Co}^{+2}$  ion labelled with radioactive cobalt-60 - in Roumanian*]  
**Studia Univ. Babes-Bolyai, Chemia**, Ser.I, 1960, Fasc.1, p. 71-76.

Ionel Haiduc: Despre relatia dintre chimia organică si anorganică [*About the relations between the organic and inorganic chemistry – in Roumanian*]  
**Studia Univ. Babes-Bolyai, Chemia**, Ser.I, 1960, Fasc. 2, p. 23-38.

Ionel Haiduc: Electronegativity of elements and the formation of inorganic rings and chains  
**Zhur. Obshch. Khim.** 1960, **30**, 1395-1396.  
**J. Gen. Chem. USSR (Engl. transl.)** 1960, **30**, 1426

Ionel Haiduc : Sur la structure probable de la silicodiimide  $\text{SiN}_2\text{H}_2$   
**Bull. Soc. Chim. France**, 1960, 489-490.

## 1959

I. Haiduc: Despre structura heteropoliacizilor [*About the structure of heteropolyacids - in Roumanian*]  
**Rev. Chim. (Bucuresti)** 1959, **10**, 168-170.



1956

I. Haiduc: Compusi macromoleculari si ciclici anorganici [*Macromolecular and cyclic inorganic compounds - in Roumanian*]  
**Rev. Chim. (Bucuresti)** 1956, 7, 721-725.

**PAPERS ON SCIENCE POLICY AND MANAGEMENT (Selection)**

Radu Grigorovici si Ionel Haiduc: Evaluarea institutelor de cercetare stiintifica [*Evaluation of scientific research institutes – in Roumanian*]  
**Academica**, Anul II, Nr. 10 (22) August 1992, p. 1, 28-29

I. Haiduc: Science in post-communist Romania: scientific societies, legal framework, ethical issues  
**NATO Advanced Workshop “Developing an Infrastructure for Science and Technology in Eastern Europe: The Role of Professional Societies”**, Visegrad, Hungary, October 28-31, 1994.

Ionel Haiduc: Links between Romanian universities and the Romanian Academy  
**Higher Education in Europe**, 1995, 20(4) 168-175.

French version:

Ionel Haiduc

Les liens entre les universites roumaines et l'Academie Roumaine

**Enseignement Supérieur en Europe**, 1995, 20(4) 178-184.

Ionel Haiduc : De ce este "invizibila" stiinta romaneasca ? [*Why the Romanian science is “invisible”?* – in Roumanian]  
**Revista 22** (Bucuresti) 1997, Nr. 17, p. 12.

Ionel Haiduc: Cercetarea fundamentala si dezvoltarea economica [*Basic research and economic development – in Roumanian*]  
**Academica**, Anul VIII, Nr. 6 (90) Aprilie 1998, p.27.

Ionel Haiduc: Centrele de excelenta din Academia Romana [*Excellence centers in the Roumanian Academy*]  
**Academica**, Anul IX, Nr. 3 (99), Ianuarie 1999, p. 28-29.

Ionel Haiduc: Academia Romana in perspectiva stiintei in secolul XXI [*The Roumanian Academy in the perspective of XXIst century – in Roumanian*]  
**Academica**, Anul IX, Nr. 7-8 (103-104) Mai-iunie 1999, p. 4-6.

Ionel Haiduc: Dupa Conferinta Mondiala pentru Stiinta: satisfactii si deceptii [*After the World Conference on Science –satisfactions and deceptions – in Roumanian*]

**Academica**, Anul IX, Nr. 9-10 (105-106) Iulie-august 1999, p. 13.

Ionel Haiduc: Scientometric comments on biology, chemistry and medicine  
In vol. **Metal Elements in Environment, Medicine and Biology**, Edited by Z. Garban and P. Dragan, Volume IV, Publishing House "Eurobit" Timisoara, 2000, pp. 59-64.

Ionel Haiduc: Imaginea externa a stiintei romanesti. Raport prezentat la Conferinta Internationala "Romania si Romanii in Stiinta Contemporana", Sinaia, 13-17 iunie 2001 [*The external image of the Roumanian Science. Report presented at the International Conference "Roumania and Roumanians in the Contemporary Science" – in Roumanian*] **Curierul de Fizica**, Anul XII, Nr. 38, septembrie 2001, pag. 9-12.

Ionel Haiduc: Cercetarea stiintifica din Romania oglindita intr-un recent raport american [*The Roumanian scientific research reflected in a recent American report – in Roumanian*]

**Academica**, Anul XII, Nr. 4, Iulie 2002, p. 55-60.

Reproduced in: **Curierul de Fizica**, Anul XIII, Nr. 3 (42), Septembrie 2002, p. 14-16.

**Revista de Politica Stiintei si Scientometrie**, 2003, 1 (1) 18-24.

Ionel Haiduc: Cercetarea stiintifica din Romania in context international. Evolutii recente. Colaborari internationale [*The Roumanian scientific research in international context. Recent developments. International collaborations – in Roumanian*]

**Academica**, Anul XII, Nr. 2-3, Mai-Iunie 2002, p. 56-59.

Reproduced in: **Curierul de Fizica**, Anul XIII, Nr. 3 (42), Septembrie 2002, p. 16-17.

**Revista de Politica Stiintei si Scientometrie**, 2003, 1 (1) 33-7.

Ionel Haiduc: Ethical aspects of scientific research in chemistry, biology and medicine  
In vol. **Metal Elements in Environment, Medicine and Biology**, Edited by Z. Garban, P. Dragan and G. Garban, Tome V, Publishing House "Eurobit" Timisoara, 2002, pp. 71-76.

Ionel Haiduc: Miracolul stiintei americane [*The miracle of American science – in Roumanian*]

**Revista Româno-Americană** (editata de Asociatia "Amicii Statelor Unite") Decembrie 2003, Serie noua, Nr. VII-VIII, p. 16-20.

Ionel Haiduc: Migratia internationala a tinerilor cercetatori: cauze, efecte, solutii [*The migration of young researchers: causes, effects, solutions – in Roumanian*]

in vol.: Institutul Cultural Roman, Conferinta Internationala "**Migratia Tinerilor Cercetatori Romani. Performante si Căi de Intoarcere**", Sinaia, 14-18 octombrie 2004, pp.16-31.

Ionel Haiduc: Aspecte etice ale cercetarii stiintifice in chimie, biologie si medicina [*Ethical aspects of scientific research in chemistry, biology and medicine – in Roumanian*]

**Revista de Politica Stiintei si Scientometrie** 2005, 3(1) 37-42.

Andrei Ruckenstein, Eliot Sorel, Alexandru Balaban, Daniel Dăianu, Eugen Gheorghiu,  
*Ionel Haiduc*:

Institutul Român de Studii Avansate (IRSA). O inițiativă [*The Romanian Institute of  
Advanced Studies – An initiative – in Roumanian*]

**Academica**, Anul XVII, Nr. 56-57, Noiembrie-Decembrie 2006, p. 50-52.

Ionel Haiduc

Etica cercetării sau conduita corectă în cercetarea științifică [*Research ethics or integrity  
in scientific research – in Roumanian*]

**Academica**, Anul XVIII, Nr. 70, Ianuarie 2008, p. 5-8.

Ionel Haiduc

Excelența în cercetare, imperativ al Uniunii Europene [*The excellence in research an  
imperative of European Union – in Roumanian*]

in vol.: **Pentru excelența în știința românească**, Petre T. Frangopol, Nicolae Victor  
Zamfir, Tibor Braun, Editori, UNESCO European Centre for Higher Education,  
București, 26 martie 2008, pag. 9-12.

Ionel Haiduc

Știința românească pentru secolul XXI [*The Roumanian science for the XXI century – in  
Romanian*]

In vol.: **Sansa României – oamenii. Reprofesionalizarea României II**. Raport al  
Institutului de Proiecte pentru Inovatie și Dezvoltare (IPID), București, Martie 2009,  
pag. 19-36.

Reprodus în volumul: **Romania după criza, Reprofesionalizarea**, Institutul de  
Proiecte pentru Inovatie și Dezvoltare – IPID, Coordonatori Mircea Malita și  
Calin Georgescu, Editura Compania, București, 2010, pag. 252-274.

Ionel Haiduc

The Academy in the Society

In vol.: Proceedings, The International Conference “**Role of National Science  
Academies in the 21<sup>st</sup> Century**”, 10-12 October 2008, Podgorica, Montenegro, Editor  
Prof. Momir Djurovic, Montenegrin Academy of Sciences and Arts, Scientific Meetings,  
Volume 92, Podgorica, Montenegro 2009, pag. 233-243.

Ionel Haiduc

Can be a dialogue between natural sciences and humanities ?

In vol.: Proceedings, The International Conference “**Values and 21st Century**”, 19-21  
November 2009, Podgorica, Montenegro, Editor Prof. Momir Djurovic, Montenegrin  
Academy of Sciences and Arts, Scientific Meetings, Volume 101, Podgorica, 2010, pag.  
207-213.

Ionel Haiduc

Is basic research necessary for smaller countries?

In vol.: Proceedings, The International Conference “**Research and development as the Basis for Innovation in Creating the Competitive Region**”, 12-13 November 2009, Podgorica, Montenegro, Editor Prof. Momir Djurovic, Montenegrin Academy of Sciences and Arts, Scientific Meetings, Volume 107, Podgorica, 2011, pag. 13-19.

Ionel Haiduc

[Academia Romana] la 145 ani

**Magazin Istoric** (Bucuresti), anul XLV, nr.7 (532), iulie 2011, pag. 33-36.

Ionel Haiduc

Academia Romana la 145 ani – Starea Academiei

**Academica**, Anul XXI, Nr. 246-247, Aprilie-Mai 2011, p. 5-12.

### **OTHER WRITINGS (selection)**

Ionel Haiduc: Proiectul Rosia Montana - analiza raportului dintre riscuri si beneficii [*The Rosia Montana (gold mining) project – The analysis of the ratio between risks and benefits*]

**Academica**, Anul XIII, Nr. 13-14, Aprilie-Mai 2003, p. 77-80.

*Ionel Haiduc* and Iovanca Haiduc: Comments on a controversial gold mining project in Western Carpatians. Environmental and other aspects.

In vol.: **Sustainability for Humanity & Environment in the Extended Connection Field Science-Economy-Policy**, Editura Politehnica, Timisoara 2005, pag. 53-60

(Scientific reunion of the special program of the Alexander von Humboldt Foundation concerning the reconstruction of the South Eastern Europe, Timisoara, 24-25 February 2005.

### **ACADEMICA – Post 2006**

**Articole ocazionale scrise in calitate de presedinte al Academiei Romane**

**Lista incompleta**

Ionel Haiduc

Dare de seama la sfarsit de mandat

**Academica**, Nr. 4, Aprilie 2014, XXIV, nr. 282, pag. 6-11.

Ionel Haiduc

Aniversarea a 60 de ani de la infiintarea Institutului de Cercetari Juridice «Andrei Radulescu »

**Academica**, Nr. 4, Aprilie 2014, XXIV, nr. 282, pag. 56-57.

Ionel Haiduc

Academicianul Cristian Hera la`80 ani  
**Academica**, Nr. 12, Decembrie 2013, XXIII, , nr. 278, pag. 20-21.

Ionel Haiduc  
Academicianul Dan Berindei – un savant nonagenar  
**Academica**, Nr. 11, Noembrie 2013, XXIII, , nr. 277, pag. 5-6.

Ionel Haiduc  
Academicianul Mircea Ioan Valentin Sandulescu, geolog de reputatie internationala  
**Academica**, Nr. 11, Noembrie 2013, XXIII, , nr. 277, pag. 18.

Ionel Haiduc  
Totalitarismul – realitate istorica  
**Academica**, Nr. 10, Octombrie 2013, XXIII, , nr. 276, pag. 37.

Ionel Haiduc  
Ionel-Valentin Vlad – distins membru al comunitatii stiintifice din Romania  
**Academica**, Nr. 9, Septembrie 2013, XXIII, , nr. 275, pag. 11.

Ionel Haiduc  
Academicianul Eugen Simion la 80 ani  
**Academica**, Nr. 5, Mai 2013, XXIII, , nr. 271, pag. 38,.

Ionel Haiduc  
Cuvant de deschidere [la Adunarea Festiva “Ziua Academiei Romane]  
**Academica**, Nr. 4, Aprilie 2013, XXIII, , nr. 270, pag. 5,

Ionel Haiduc  
Doua noi volume din Enciclopedia regimului comunist  
**Academica**, Nr. 3, Martie 2013, XXIII, , nr. 269, pag.41.

Ionel Haiduc  
Cercetarea stiintifica si securitatea nationala  
**Academica**, Nr. 2, Februarie 2013, XXIII, , nr. 268, pag.5-6.

Ionel Haiduc  
Supravietuirea prin diplomatie  
**Academica**, Nr. 12, Decembrie 2012, XXII, , nr. 266, pag.5.

Ionel Haiduc  
Din nou despre etica si conduita corecta in cercetare  
**Academica**, Nr. 8-9, August-Septembrie 2012, XXII, , nr. 262-263, pag.5-6.

Ionel Haiduc  
Minerva – simbolul Academiei Romane

**Academica**, Nr. 12, Decembrie 2011, XXI, , nr. 254, pag. 21.

Ionel Haiduc

Virgiliu Nicolae Constantinescu – distins membru al Academiei Romane

**Academica**, Nr. 3, Martie 2011, XXI, , nr. 245, pag. 25.

Ionel Haiduc

15 ianuarie – Ziua Culturii Nationale

**Academica**, Nr. 1-2, Ianuarie-Februarie 2011, XXI, , nr. 243-244, pag. 5.