

**Fișa de îndeplinire a standardelor minimale stabilite de CNATDCU, Comisia Chimie
Gabriela Nicoleta NEMEȘ (n. CREȚIU)**

Nr/Art.	Titlul articolului	Autorii	Revista	DOI/WOS	ISSN	IF	(FIC)	Autor de corespondenta	Prim-autor	FIC (AP)	FIC (AC)	Anul publicării
1	Phosphaalkenyl germynes and their gold, tungsten and molybdenum complexes	D. Matioszek, T.-G. Kocsor, A. Castel*, G. Nemes*, J. Escudie, N. Saffon	Chemical Communications	10.1039/c2cc17551g	1359-7345	6.065		Yes	No	6.065	6.065	2012
2	1,3-Digermacyclobutanes with exocyclic C=P and C=P=S double Bonds,	P. M. Petrar, G. Nemes, I. Silaghi-Dumitrescu, * H. Ranaivojatovo, H. Gornitzka, J. Escudie *	Chemical Communications	10.1039/b708308d	1359-7345	6.065		No	No			2007
3	The use of a germene for the synthesis of esters of α -germyl-substituted -amino acid and -amino phosphonic acid	S. Ech-Cherif El Kettani*, J. Escudie, C. Couret, H. Ranaivojatovo, M. Lazraq, M. Soufroui, H. Gornitzka, G. Creitu Nemes	Chemical Communications	10.1039/b303661h	1359-7345	6.065		No	No			2003
4	Bis-sulfonyl O,C,O-chelated metallylenes (Ge, Sn) as adjustable ligands for iron and tungsten complexes	N. Deak, P.M. Petrar, S. Mallet-Ladeira, L. Silaghi-Dumitrescu, G. Nemes*, D. Madec*	Chemistry - A European Journal	10.1002/chem.201504507	0947-6539	5.02		Yes	No	5.02	5.02	2016
5	Chalcogeno[bis(phosphaalkenyl)germanium and tin compounds,	T. G. Kocsor, D. Matioszek, G. Nemes*, A. Castel*, J. Escudie, P.M. Petrar, N. Saffon-Merceron, I. Haiduc	Inorganic Chemistry	10.1021/c300810q	0020-1669	5.436		Yes	No	5.436	5.436	2012
8	N-Heterocyclic Carbene Stabilized Phosphaalkenyl(chloro)stannyllene	T. G. Kocsor, G. Nemes*, N. Saffon, S. Mallet-Ladeira, D. Mandec, A. Castel, J. Escudie	Dalton Transactions	10.1039/c3d153333f	1477-9226	4.569		Yes	No	4.569	4.569	2014
6	A non-symmetric sulfur-based O,C,O-chelating pincer ligand leading to chiral germylene and stannylene	N. Deak, O. Thillaye du Boullay, I.T. Moraru, S. Mallet-Ladeira, D. Madec*, G. Nemes*	Dalton Transactions	10.1039/C8DT05116J	1477-9226	4.569		Yes	No	4.569	4.569	2019
7	Offsets between hyperconjugations, p-d donations and Pauli repulsions impact the bonding of E-O-E systems. Case study on New Digermylalkenes and Digermylalkynes: [1,3]-Chlorine Shift in Organogermanium Chemistry?	Ionut-Tudor Moraru, * Florin Teleanu, Luminita Silaghi-Dumitrescu, Gabriela Nemes	PhysChemChemPhys	10.1039/d2cp00869f	1463-9084	3.945		Yes	No	3.945	3.945	2022
9	New Digermylalkenes and Digermylalkynes: [1,3]-Chlorine Shift in Organogermanium Chemistry?	G. Nemes, J. Escudie, I. Silaghi-Dumitrescu*, H. Ranaivojatovo*, L. Silaghi-Dumitrescu, H. Gornitzka	Organometallics	10.1021/om061188j	0276-7333	3.837		No	Yes	3.837	0	2007

10	Difluorenylsilanes, germanes and -stannanes exhibiting an unprecedented parallel arrangement of the fluorenyl groups	G. Cretiu Nemes, L. Slaghigiu-Dumitrescu, I. Slaghigiu-Dumitrescu*, J. Escudie*, H. Ranaivonjatovo, K. C. Molloy, M. F. Mahon, J. Zukerman-Schpector	Organometallics	10.1021/om048543y	0276-7333	3.837	No	Yes	3.837	0	2005
11	Anodic Oxidation Of Difluorenyls Bridged Through a Dimethylsilyl Group and the 9-trimethylsilyl fluorene: towards New Three-Dimensional Polyfluorenes	I. Slaghigiu-Dumitrescu, J. Escudie, G. Cretiu Nemes, E. Raoult, J. Rault-Berthelot*	Synthetic Metals	10.1016/j.synmet.2005.03.018	0379-6779	3.286	No	No			2005
12	Thermal behaviour of some ester derivatives of p-tert-butyl calix[n]arenes	A. Saponar*, E.-J. Popovici, I. Perhaita, G. Nemes, A.-I. Cadis	Journal of Thermal Analysis and Calorimetry	10.1007/s10973-012-2415-2	1388-6150	4.755	No	No			2012
13	Theoretical Insights into the Structural Differences between Organic and Inorganic Amines/Ethers	I. Moraru*, F. Teleanu, G. Nemes*	Journal of Physical Chemistry A	10.1021/acs.jpca.0c07093	1089-5639	2.944	Yes	No	2.944	2.6	2020
14	Bridging a Knowledge Gap from Siloxanes to Germoxanes and Stannoxanes. A Theoretical Natural Bond Orbital Study	I.-T. Moraru, P.M. Petrar, G. Nemes*	Journal of Physical Chemistry A	10.1021/acs.jpca.7b01208	1089-5639	2.944	Yes	No	2.944	2.944	2017
15	Synthesis and characterization of a novel bis-sulfoxide and its evaluation as a ligand in p-block chemistry	N. Deak, O. Thillaye du Boullay, S. Mallet-Ladeira, I.-T. Moraru, D. Madec*, G. Nemes*	European Journal of Inorganic Chemistry	10.1002/jeic.202000728	1434-1948	2.551	Yes	No	2.551	2.529	2020
16	The role of monoanionic aryl pincer ligands in the stabilization of group 14 metallylenes	N. Deak, D. Madec*, G. Nemes*	European Journal of Inorganic Chemistry	10.1002/jeic.202000409	1434-1948	2.551	Yes	No	2.551	2.551	2020
17	Reactivity of bis-Sulfonyl O,C,O-Chelated-Metallylenes in Cycloaddition with ortho-Quinone: An Experimental and Computational Study	N. Deak, I.-T. Moraru, N. Saffon-Merceron, D. Madec*, G. Nemes*	European Journal of Inorganic Chemistry	10.1002/jeic.201700756	1434-1948	2.551	Yes	No	2.551	2.551	2017
18	A Surprisingly Stable 1-(Chlorosilyl)-2-phosphaethenyllithium Compound, RC1ZSiC(L1)=PMe3*	G. Cretiu Nemes, H. Ranaivonjatovo, J. Escudie*, I. Slaghigiu-Dumitrescu, L. Slaghigiu-Dumitrescu, H. Gornitzka	European Journal of Inorganic Chemistry	10.1002/jeic.200400595	1434-1948	2.551	No	Yes	2.551	2.551	2005
19	Phosphavinylidene(oxo)phosphorane Mes*P(O)=C=PMe3*: A Diphosphaallene Featuring A563- and A302-Phosphorus	R. Septelean, H. Ranaivonjatovo, G. Nemes, J. Escudie*, I. Slaghigiu-Dumitrescu, H. Gornitzka, L. Slaghigiu-Dumitrescu, S. Massou	European Journal of Inorganic Chemistry	10.1002/jeic.200600384	1434-1948	2.551	No	No			2006

20	vic-Dichlorodiphosphopropanes – Synthesis and coordination ability	R. Septelean, G. Nemes, J. Escudie*, I.Silaghi-Dumitrescu, H. Ranaivonjatovo, P. Petrar, H. Gornitzka, L. Silaghi-Dumitrescu, N. Saffon	European Journal of Inorganic Chemistry	10.1002/ejic.200801034	1434-1948	2.551	No	No			2009
21	The modulation of 9-Chloro-9-Phosphaalkenylchloro-9-Germaphlorene reactivity through organolithium reagents	Lavinia Buta, Raluca Septelean, Albert Soran, Iulia-Andreea Aghion, Ionuț-Tudor Moraru, Gabriela Nemes	Polyhedron	10.1016/j.poly.2022.115866	0277-5387	2.975	Yes		2.975	2.975	2021
22	Novel coordination compounds featuring 9-chloro-9-phosphaalkenylchloro-9-germaphlorene ligands,	Noemi Deak, Raluca Septelean, Lavinia Buta, Ionuț-Tudor Moraru, Iulia Andreea Crețoiu, Albert Soran*, Gabriela Nemes*	Polyhedron	10.1016/j.poly.2022.115866	0277-5387	2.975	Yes		2.975	2.975	2022
23	Synthesis and structural characterization of new functionalized bis(fluorenyl)stannane derivatives	R. Septelean, P. M Petrar, A. Pop, G. Nemes*	Polyhedron	10.1016/j.poly.2016.01.044	0277-5387	2.975	Yes	No	2.975	2.975	2016
24	Polymorphism in the metal-organic hybrid (PhCH ₂ NEt ₃) ₂ [CoBr ₄]: Synthesis, crystal structures and physico-chemical characterizations	S. Dgachi, M. M. Turbuli, F. Mezzadri, A. J. Norquist, A. Soran, J. Boonmak, G. Nemes, H. Naili*	Inorganica Chimica Acta		0020-1693	3.118	No	No			2021
25	New stable 3,1'-germaphosphopropanes. Synthesis and structural characterization	L. Buta, R. Septelean, I.-T. Moraru, A. Soran, L. Silaghi-Dumitrescu, G.Nemes*	Inorganica Chimica Acta	10.1016/J.ICA.2018.11.041	0020-1693	3.118	Yes	No	3.118	3.118	2019
26	Computational and experimental investigation of phosphaalkenyl germylenes from donor-acceptor perspective	R. Septelean, I. Moraru, T.G. Kocsor, N. Deak, N. Saffon, A. Castel, G.Nemes*	Inorganica Chimica Acta	10.1016/J.ICA.2017.08.057	0020-1693	3.118	Yes	No	3.118	3.118	2018
27	Novel Stable Phosphastannopropene Derivatives. Synthesis and Characterization	P. M. Petrar*, R.Septelean, H. Gornitzka, G. Nemes	Journal of Organometallic Chemistry	10.1016/j.organchem.2015.03.030	0022-328X	2.345	No	No			2015
28	Comparison of reactivity of phosphagermaalene Tip(t-Bu)Ge=C-PMes* towards sulfur ylides	T.-Gabor Kocsor, N. Deak, D. Ghereg, G. Nemes*, J. Escudie, H. Gornitzka*, S. Ladeira, A. Castel	Journal of Organometallic Chemistry	10.1016/j.jorganchem.2014.01.003	0022-328X	2.345	Yes	No	2.345	2.345	2014
29	New silyl-substituted phosphaalkenes Mes*P=C(Cl)-Si(C)PhR, promising building blocks in silicon and phosphorus chemistry	A. Bartok, R. Septelean, P. M. Petrar*, G. Nemes*, L. Silaghi-Dumitrescu, H. Ranaivonjatovo, S. Mallet-Ladeira, N. Saffon, C. Hemmerl, H. Gornitzka	Journal of Organometallic Chemistry	10.1016/j.jorganchem.2012.10.017	0022-328X	2.345	Yes		2.345	2.345	2013

30	Difluorenylsilane derivatives, a class of compounds exhibiting strong intra- and intermolecular C---H \cdots π interactions. Crystal and molecular structures of bis(9-methylfluoren-9-yl)dimethylsilane and (9-methylfluoren-9-yl)(fluoren-9-yl)dimethylsilane	G. Creliu, L. Silaghi-Dumitrescu, I. Silaghi-Dumitrescu*, J. Escudé, A. Toscano, S. Hernandez, R. Cea-Olivares	Journal of Organometallic Chemistry	10.1016/S0022-328X(02)01708-4	0022-328X	2.345	No	Yes	2.345	0	2002
31	Functionalized oxathiacrown macrocycles: synthesis, characterization and coordination to palladium(II), ruthenium(II) and copper(I)	G. Carel, David Madec*, A. Saponar, N. Saffon, G. Nemes, G. Rima, A. Castiel*	Journal of Organometallic Chemistry	10.1016/j.jorgchem.2014.01.002	0022-328X	2.345	No	No			2014
32	The first evidence for a transient sibaallene ArSb=C=CR2	L. Baiget, H. Ranaivonjatovo, J. Escudie*, G. Creitu Nemes, I. Silaghi-Dumitrescu, L. Silaghi-Dumitrescu	Journal of Organometallic Chemistry	10.1016/j.jorgchem.2004.09.022	0022-328X	2.345	No	No			2005
33	Structurally original oxathioethers macrocycles containing an exocyclic double-bond: synthesis, characterization and coordination	G. Carel, A. Saponar, N. Saffon, M. Vedrenne, S. Massou, G. Nemes, G. Rima, D. Madec*, A. Castiel	Tetrahedron	10.1016/j.tet.2014.06.082	0040-4020	2.388	No	No			2014
34	Phosphasilallenes >Si=C=P- and phosphagermaallenes >Ge=C=P-	J. Escudie*, G. Nemes*	Comptes Rendus Chimie	10.1016/j.crci.2010.03.012	1631-0748	2.55	Yes	No	2.55	2.55	2010
35	In Silico Quest for Stable Phosphastannaallenes	P. M. Petrar, A. Bartok, G. Nemes*, L. Silaghi-Dumitrescu, J. Escudie	Comptes Rendus Chimie	10.1016/j.crci.2012.10.013	1631-0748	2.55	Yes	No	2.55	2.55	2013
36	Synthesis and Stereochemistry of New Bis(1,3-Oxathian-2-yl) Derivatives: Epimerisation and Chair-Twist Equilibria	C. Cismas, I. Grosu*, G. Ple, E. Condamin, Y. Ramondenc, L. Toupet, I. Silaghi-Dumitrescu, G. Nemes, A. Terec, L. Muntean	Structural Chemistry	10.1007/s11224-005-6066-9	1040-0400	1.795	No	No			2005
37	An Insight into the Structure of Model Gemphosphaallenes	P.M. Petrar, G. Nemes, I. Silaghi-Dumitrescu*, J. Escudie, H. Ranaivonjatovo	Molecular Physics	10.1080/002688970902780288	0026-8976	1.937	No	No			2009
38	Designing bis(phosphaalkenyl)germylenes and their tungsten complexes – a theoretical study	T.-G. Kocsor, P. M. Petrar, G. Nemes*, A. Castiel, J. Escudie, N. Deak, L. Silaghi-Dumitrescu	Computational and Theoretical Chemistry	10.1016/j.comptc.2011.07.022	2210-271X	2.292	Yes	No	2.292	2.292	2011

39	Theoretical study of structural patterns in CH ₂ OP ₂ isomers	R. Septelean, P. M. Petrar, G. Nemes*, J. Escudie, I. Silaghi-Dumitrescu	Journal of Molecular Modeling	10.1007/s00894-010-0872-8	1610-2940	2.172	Yes	No	2.172	2.172	2011
40	A mononuclear Co(II) complex: Crystal structure, thermal behavior, optical properties and biological activities, 2021, 1244, 130996,	Souad Dgachi, Fatima Rahmouni, Albert Soran, Mongi Saoudi, Gabriela Nemes, Houcne Naili,	Journal of Molecular Structure	doi.org/10.1016/j.molstruc.2021.130996.	0022-2860	3.841	No	No			2021
41	Theoretical investigation on the PCP(O) moiety: how to stabilize the diphosphaallenic derivatives	R. A. Septelean, P. M. Petrar, G. Nemes*, J. Escudie, I. Silaghi-Dumitrescu	Phosphorus, Sulfur, and Silicon and Related Elements	10.1080/10426507.2011.597805	1042-6507	1.052	Yes	No	1.052	1.052	2011
42	New Halo Compounds of Si, P, As and Sb bearing a Bulky Substituted Fluorenyl Group New Halo Compounds of Si, P, As and Sb bearing a Bulky Substituted Fluorenyl Group	L. Baiget, M. Bouslikhane, J. Escudie*, G. Creitu Nemes, I. Silaghi-Dumitrescu, L. Silaghi-Dumitrescu	Phosphorus, Sulfur, and Silicon and Related Elements	10.1080/10426500390228639	1042-6507	1.052	No	No			2003
43	A DFT investigation of a polycyclic stannylene model: structural characterization and stability assessment	I. Moraru, G. Nemes*	Studia UBB Chemia	10.24193/subchem.2019.2.37	1224-7154	0.558	Yes	No	0.558	0.558	2016
44	New stannepine derivatives. Synthesis and characterization	L. Bula, R. Septelean, N.Deak, A.Pop, G. Nemes*	Studia UBB Chemia	WOS:000393577300009	1224-7154	0.558	Yes	No	0.558	0.558	2010
45	Synthesis and coordination ability of the first phosphavinyl(selenoxo)phosphine chalcogenide	Iulia-Andreea Aghion, Raluca A. Septelean*, David Lucaci, Ionut-Tudor Moraru, Albert P. Soran, Catalina C. Cristea, Felicia Liscovatu, Alex-Cristian Tomut, Ionut-Tudor Moraru*, Gabriela Nemes*	RSC ADVANCES	WOS:001609319400001	2046-2069	4.6	Yes	No	4.6	4.6	2025
46	In-Depth Theoretical Investigations of Borazine's Aromaticity: Tailoring Electron Delocalization through Substituent Effects	Iulia-Andreea Aghion, Raluca A. Septelean*, Ionut-Tudor Moraru, Adrian Cristea, Albert Soran, Gabriela Nemes*	Inorganic Chemistry	WOS:001619158100001	0020-1669	4.7	Yes	No	4.7	4.7	2025
47	Stability of Germynes via Electron-Rich P=C-P and P=C-P(=S) Derivatives	Iulia-Andreea Aghion, Raluca A. Septelean*, Alex-Cristian Tomut, Ionut-Tudor Moraru, Albert Soran, Gabriela Nemes*	Organometallics	WOS:001308687600001	1520-6041	2.5	Yes	No	2.5	2.5	2024
48	Coordination ability of phosphavinyl(oxo and thioxo)phosphoranes (P=C-P=X; X = O,S) toward transition metals	Iulia-Andreea Aghion, Raluca A. Septelean*, Alex-Cristian Tomut, Ionut-Tudor Moraru, Albert Soran, Gabriela Nemes*	Organometallics	WOS:001308687600001	1520-6041	2.5	Yes	No	2.5	2.5	2024

49	In silico modelling of chelate stabilized tetrylene derivatives	Alex-Cristian Tomut, Iulia-Andreea Aghion, Raluca Septelean, Ioan-Dan Potumb, Ionut-Tudor Moraru* and Gabriela Nemes*	RSC Advances	WOS:001191308000001	2046-2069	4.6	Yes	No	4.6	4.6	2024
50	New Quinazolin-4(3H)-One Derivatives Incorporating Isoxazole Moiety as Antioxidant Agents: Synthesis, Structural Characterization, and Theoretical DFT Mechanistic Study	Yassine Rhazi*, Riham Sghyar, Noemi Deak, Bouchra Es-Soumni, Bouchra Rossafi, Albert Soran, Mustapha Laghmari, Azize Azzine, Asmae Nakkabi, Khalil Hammami, Samir Chitla, Mohammed M. Alanazi, Gabriela Nemes, Mohamed El	Pharmaceuticals	WOS:001343172400001	1424-8247	4.3	No	No			2024

TABEL CENTRALIZATOR

Categorie Profesor / CSI / Habilitare	N _{max}	FIC	FIC _D	FIC _{AP}	FIC _{AC}	h index
CRITERII CNADTCU REALIZATE	50	158.637	156.842	107.898	94.962	15
Criteria minimale CNADTCU-CHIMIE	50	100	70	50	25	13

Toate criteriile CNADTCU pentru doemniul chimie sunt indeplinite, asa cum rezulta din tabelul centralizator.

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