



ROMÂNIA
UNIVERSITATEA BABEȘ-BOLYAI CLUJ-NAPOCA

Str. Mihail Kogălniceanu, nr. 1, 400084 Cluj-Napoca
Tel. (00) 40 - 264 - 40.53.00*; 40.53.01; 40.53.02 ; 40.53.22
Fax: 40 - 264 - 59.19.06
E-mail: staff@staff.ubbcluj.ro

RECTORATUL

Universitatea Babeș-Bolyai Competiția Excelenței 2010

Dosar individual

Notă: Toate datele se referă la perioada 2005-2009

Nume, prenume, grad did.	SILAGHI-DUMITRESCU LUMINITA
Facultatea, Catedra	Chimie si inginerie chimica, catedra de chimie organica
Domeniul științific	chimie
Adresa paginii web personale	http://chem.ubbcluj.ro/~hetorgmet
Adresa e-mail	lusi@chem.ubbcluj.ro

Criteriaul I – Output

1. Articole științifice publicate în reviste indexate ISI (cu menționare factorului de impact în cazul celor cotate)

22:

Antiproliferative effect and genotoxicity of novel synthesized palladium complexes with organoarsenic ligands. Miklasova, Natalia; Fischer-Fodor, Eva; Loennecke, Peter; Schrepler, Maria Perde; Virag, Piroaska; Tatomir, Corina; Cernea, Valentin Ioan; Hey-Hawkins, Evamarie; Silaghi-Dumitrescu, Luminita. Department of Chemical Theory of Drugs, Faculty of Pharmacy, Comenius University in Bratislava, Bratislava, Slovakia. *Journal of Inorganic Biochemistry* (2009), 103(12), 1739-1747. fi=3.188

Stabilisation of an inorganic digallane by the phosphinobisthiolato P,S,S pincer ligand PPh(2-SC₆H₄)₂. Valean, Ana-Maria; Gomez-Ruiz, Santiago; Loennecke, Peter; Silaghi-Dumitrescu, Ioan; Silaghi-Dumitrescu, Luminita; Hey-Hawkins, Evamarie. Faculty of Chemistry and Chemical Engineering, Babeș-Bolyai University, Cluj-Napoca, Rom. *New Journal of Chemistry* (2009), 33(8), 1771-1779. fi=2.942

N,N' and N,O chelated phosphonium cations containing aminotroponimate or aminotroponate units. Pop, Lucian-Cristian; Katir, Nadia; Castel, Annie; Silaghi-Dumitrescu, Luminita; Delpech, Fabien; Silaghi-Dumitrescu, Ioan; Gornitzka, Heinz; MacLeod-Carey, Desmond; Saffon, Nathalie. Laboratoire Heterochimie Fondamentale et Appliquee, UMR/CNRS 5069, Universite Paul Sabatier, Toulouse, Fr. *Journal of Organometallic Chemistry* (2009), 694(9-10), 1562-1566. fi=1.866

vic-Dichlorodiphosphapropenes - synthesis and coordination ability. Septelean, Raluca; Nemes, Gabriela; Escudie, Jean; Silaghi-Dumitrescu, Ioan; Ranaivonjatovo, Henri; Petrar, Petronela; Gornitzka, Heinz; Silaghi-Dumitrescu, Luminita; Saffon, Nathalie. Facultatea de Chimie si Inginerie Chimica, Universitatea Babeș-Bolyai, Cluj-Napoca, Rom. *European Journal of Inorganic Chemistry* (2009), (5), 628-634. fi=2.694

The CellScan technology for in vitro studies on novel platinum complexes with organoarsenic ligands. Fischer-Fodor, Eva; Moldovan, Natalia; Virag, Piroaska; Soritau, Olga; Brie, Ioana; Loennecke, Peter; Hey-Hawkins, Evamarie; Silaghi-Dumitrescu, Luminita. Tumor Biology Laboratory, Research Department, I. Chiricuta Cancer Institute, Cluj Napoca, Rom. *Dalton Transactions* (2008), (45), 6393-6400.

Publisher: Royal Society of Chemistry, CODEN: DTARAF ISSN: 1477-9226. Journal written in English. CAN 150:136247 AN 2008:1355709 CAPLUS (Copyright (C) 2010 ACS on SciFinder (R)) fi=3.58

When Arsine Makes the Difference: Chelating Phosphino and Bridging Arsinoarylthiolato Gallium Complexes. Valean, Ana Maria; Gomez-Ruiz, Santiago; Lonnecke, Peter; Silaghi-Dumitrescu, Ioan; Silaghi-Dumitrescu, Luminita; Hey-Hawkins, Evamarie. Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca, Rom. Inorganic Chemistry (Washington, DC, United States) (2008), 47(23), 11284-11293 fi=4.147

Meso-tetraferrocenyl-tetramethylcalix[4]pyrrole-modified graphite electrode with anion recognition properties. Coman, Vasile; Muresan, Liana M.; Lozovanu, Silvia; Silaghi-Dumitrescu, Luminita; Popescu, Ionel Catalin. Department of Physical Chemistry, Faculty of Chemistry and Chemical Engineering, "Babes-Bolyai" University, Cluj-Napoca, Rom. Revue Roumaine de Chimie (2008), 53(2), 119-125 fi=0.284

Tungsten phosphanylarylthiolato complexes $[W\{PhP(2-SC_6H_4)_2-k\}3S,S',P\}2]$ and $[W\{P(2-SC_6H_4)_3-k\}4S,S',S'',P\}2]$: Synthesis, structures and redox chemistry. Hildebrand, Alexandra; Loennecke, Peter; Silaghi-Dumitrescu, Luminita; Hey-Hawkins, Evamarie. Department of Chemistry, Babes-Bolyai University, Cluj-Napoca, Rom. Dalton Transactions (2008), (34), 4639-4646. fi=3.58

Silatropic migration in (1-trimethylsilylindenyl)(indenyl)dimethylsilane, bis(1-trimethylsilylindenyl)dimethylsilane and related compounds. Nemes, Gabriela; Silaghi-Dumitrescu, Luminita; Silaghi-Dumitrescu, Ioan; Escudie, Jean; Ranaivonjatovo, Henri; Zukerman-Schpector, Julio. Faculty of Chemistry, "Babes-Bolyai" University, Cluj-Napoca, Rom. Revue Roumaine de Chimie (2007), 52(8-9), 809-816 fi=0.284

Palladium(II) and Platinum(II) Complexes with Heteroditopic 10-(Aryl)phenoxarsine (Aryl = 2-C₆H₄OR, R = H, Me, Pri) Ligands: Solvent-Oriented Crystallization of cis Isomers. Moldovan, Natalia; Loennecke, Peter; Silaghi-Dumitrescu, Ioan; Silaghi-Dumitrescu, Luminita; Hey-Hawkins, Evamarie. Department of Chemistry, Babes-Bolyai University, Cluj-Napoca, Rom. Inorganic Chemistry (Washington, DC, United States) (2008), 47(5), 1524-1531. fi=4.147

New Digermylalkenes and Digermylalkynes: [1,3]-Chlorine Shifts in Organogermanium Chemistry? Nemes, Gabriela; Escudie, Jean; Silaghi-Dumitrescu, Ioan; Ranaivonjatovo, Henri; Silaghi-Dumitrescu, Luminita; Gornitzka, Heinz. Facultatea de Chimie si Inginerie Chimica, Universitatea Babes-Bolyai, Cluj-Napoca, Rom. Organometallics (2007), 26(21), 5136-5139 fi=3.815

Synthesis and characterization of the first arsanylbis(methylene)phosphorane (Me₃Si)₂C:P(Mes*)₂:C(Cl)As(F)Mes*. Petrar, Petronela Maria; Nemes, Gabriela; Silaghi-Dumitrescu, Luminita; Silaghi-Dumitrescu, Ioan; Escudie, Jean; Gornitzka, Heinz; Ranaivonjatovo, Henri. Department of Chemistry, Babes-Bolyai University, Cluj-Napoca, Rom. Revue Roumaine de Chimie (2007), 52(1-2), 45-49 fi=0.284

Phosphavinylidene(oxo)phosphorane Mes*P(O):C:PMes*: a diphosphaallene featuring 1 5s 3- and 1 3s 2-phosphorus atoms. Septelean, Raluca; Ranaivonjatovo, Henri; Nemes, Gabriela; Escudie, Jean; Silaghi-Dumitrescu, Ioan; Gornitzka, Heinz; Silaghi-Dumitrescu, Luminita; Massou, Stephane. Babes-Bolyai University, Cluj-Napoca, Rom. European Journal of Inorganic Chemistry (2006), (21), 4237-4241 fi=2.694

Co-complexes of ortho-dilithiated thiophenol or 2-trimethylsilylthiophenol with lithiated TMEDA molecules: synthesis, crystal structures and theoretical studies (TMEDA = N,N,N',N'-tetramethylethylenediamine). Hildebrand, Alexandra; Loennecke, Peter; Silaghi-Dumitrescu, Luminita; Silaghi-Dumitrescu, Ioan; Hey-Hawkins, Evamarie. Department of Chemistry, Babes-Bolyai University, Cluj-Napoca, Rom. Dalton Transactions (2006), (7), 967-974. fi=3.58

A surprisingly stable 1-(chlorosilyl)-2-phosphaethyllithium compound, RCl₂SiC(Li):PMes*. Nemes, Gabriela Cretiu; Ranaivonjatovo, Henri; Escudie, Jean; Silaghi-Dumitrescu, Ioan; Silaghi-

Dumitrescu, Luminita; Gornitzka, Heinz. Facultatea de Chimie si Inginerie Chimica, Universitatea Babes-Bolyai Cluj, Cluj-Napoca, Rom. European Journal of Inorganic Chemistry (2005), (6), 1109-1113. fi=3.58

Difluorenylsilanes, -germanes, and -stannanes Exhibiting an Unprecedented Parallel Arrangement of the Fluorene Units. Nemes, Gabriela Cretiu; Silaghi-Dumitrescu, Luminita; Silaghi-Dumitrescu, Ioan; Escudie, Jean; Ranaivonjatovo, Henri; Molloy, Kieran C.; Mahon, Mary F.; Zukerman-Schpector, Julio. Department of Chemistry, Babes-Bolyai University, Cluj-Napoca, Rom. Organometallics (2005), 24(6), 1134-1144 fi=3.815

The first evidence for a transient stibaallene ArSbCCR₂. Baiget, Lise; Ranaivonjatovo, Henri; Escudie, Jean; Nemes, Gabriela Cretiu; Silaghi-Dumitrescu, Ioan; Silaghi-Dumitrescu, Luminita. Heterochimie Fondamentale et Appliquee, UMR 5069, Universite Paul Sabatier, Toulouse, Fr. Journal of Organometallic Chemistry (2005), 690(2), 307-312 fi=1.866

Sonochemical synthesis of some chalconetricarbonyliron(0) complexes. Gaina, Luiza; Iftimia, Andreea; Surducan, Mihai; Cristea, Castelia; Silaghi-Dumitrescu, Luminita. Facultatea de Chimie si Inginerie Chimica, Universitatea Babes-Bolyai, Cluj-Napoca, Rom. Studia Universitatis Babes-Bolyai, Chemia (2008), 53(4), 35-41.

Towards new double-bonded organophosphorus derivatives of C:P:C:P type. Nemes, Gabriela; Septelean, Raluca; Petrar, Petronela M.; Silaghi-Dumitrescu, Luminita; Silaghi-Dumitrescu, Ioan. Facultatea de Chimie si Inginerie Chimica, Universitatea Babes-Bolyai, Cluj-Napoca, Rom. Studia Universitatis Babes-Bolyai, Chemia (2007), 52(4), 89-94

The formylation of bis-(N-alkyl-phenothiazinyl)-methane; a theoretical approach. Porumb, Dan; Silaghi-Dumitrescu, Ioan; Gaina, Luiza; Silaghi-Dumitrescu, Luminita; Cristea, Castelia; Cormos, Gabriela. Faculty of Chemistry and Chemical Engineering, Organic Chemistry Department, "Babes-Bolyai" University, Cluj-Napoca, Rom. Studia Universitatis Babes-Bolyai, Chemia (2007), 52(4), 39-42

Electronic properties of chalcones containing phenothiazine units. Lovasz, Tamas; Oltean, Gabriel; Toma, Ana-Maria; Gaina, Luiza; Silaghi-Dumitrescu, Luminita; Jitaru, Maria; Cristea, Castelia; Sohar, Pal; Csampai, Antal. Faculty of Chemistry and Chemical Engineering, "Babes-Bolyai" University Cluj-Napoca, Rom. Studia Universitatis Babes-Bolyai, Chemia (2007), 52(4), 31-37.

Microwave-assisted synthesis and electrochemical behaviour of phenothiazine-formaldehyde polymer derivative. Cristea, Castelia; Cormos, Gabriela; Gaina, Luiza; Silaghi-Dumitrescu, Luminita; Gligor, Delia; Muresan, Liana; Popescu, Ionel Catalin. Faculty of Chemistry and Chemical Engineering, "Babes-Bolyai" University, Cluj-Napoca-Ro, Rom. Studia Universitatis Babes-Bolyai, Chemia (2007), 52(4), 21-29

2. Articole științifice publicate în ISI proceedings

3. Articole științifice indexate în BDI (din lista CNCSIS)

Secondary interactions in heteroallenic systems with P:C-E units. Nemes, G.; Silaghi-Dumitrescu, I.; Petrar, P. M.; Septelean, R.; Silaghi-Dumitrescu, L.. Facultatea de Chimie si Inginerie Chimica, Universitatea Babes-Bolyai, Cluj-Napoca, Rom. Studia Universitatis Babes-Bolyai, Chemia (2007), 52(1), 3-9

Synthesis of new bromo-stannanes: toward unsaturated tin derivatives. Petrar, Petronela Maria; Nemes, Gabriela; Silaghi-Dumitrescu, Ioan; Silaghi-Dumitrescu, Luminita. Facultatea de Chimie si Inginerie Chimica, Universitatea Babes-Royal, Cluj-Napoca, Rom. Studia Universitatis Babes-Bolyai, Chemia (2006), 51(2), 35-40

A quantum chemical conformational analysis of p-tert-butyl/pentyl/octyl-calix[8]arenes. Lupan, Alexandru; Saponar, Alina; Silaghi-Dumitrescu, Ioan; Kun, Attila; Silaghi-Dumitrescu, Luminita;

Popovici, Elisabeth Jeanne. Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca, Rom. Studia Universitatis Babes-Bolyai, Chemia (2006), 51(2), 27-34.

New halo compounds of silicon and tin, potential precursors of $>E=C=P$ - heteroallenic systems.
Petrar, Petronela Maria; Nemes, Gabriela; Silaghi-Dumitrescu, Ioan; Silaghi-Dumitrescu, Luminita.
Department of Chemistry, "Babes-Bolyai" University, Cluj-Napoca, Rom. Studia Universitatis Babes-Bolyai, Chemia (2006), 51(1), 77-82

4. Alte articole științifice/capitole publicate în reviste/volume cu referenți (peer-reviewed)

5. Cărți științifice publicate în edituri internaționale

6. Cărți științifice publicate în edituri naționale acreditate

7. Editor de volume publicate în edituri naționale și internaționale

8. Brevete internaționale

9. Brevete naționale

10. Impact tehnologic al brevetelor: resurse financiare extrabugetare atrase în relație cu economia

11. Realizări artistice naționale și internaționale (Domeniul Arte)
(Expoziții, spectacole, concerte, publicații, filme, înregistrări)

Criteriul II – Prestigiu profesional

1. Citări ale articolelor ISI listate la Criteriul I

25

Lukáč, M., Mrva, M., Fischer-Fodor, E., Lacko, I., Bukovský, M., Miklášová, N., Ondriska, F., Devinsky, F.

Synthesis and biological activity of dialkylphosphocholines
(2009) *Bioorganic and Medicinal Chemistry Letters*, 19 (22), pp. 6346-6349.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-71049123327&partnerID=40&md5=5133805c4aef86b7b246211114aa8371>

DOCUMENT TYPE: Article

SOURCE: Scopus

Mystkowska, J.

Mechanical and physicochemical properties of Tetric EvoCeram® - Dental composite material

(2009) *Diffusion and Defect Data Pt.B: Solid State Phenomena*, 147-149, pp. 807-812.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-75849163223&partnerID=40&md5=657acd1d152c1bb2aa869a19d90b2656>

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Miklášová, N., Fischer-Fodor, E., Lönnecke, P., Schrepler, M.P., Virag, P., Tatomir, C., Cernea, V.I., Hey-Hawkins, E., Silaghi-Dumitrescu, L.

Antiproliferative effect and genotoxicity of novel synthesized palladium complexes with organoarsenic ligands

(2009) *Journal of Inorganic Biochemistry*, 103 (12), pp. 1739-1747.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-70350572245&partnerID=40&md5=b95c5c6074a7fec7863bc8061e35390c>

DOCUMENT TYPE: Article

SOURCE: Scopus

Conway, B., García-Álvarez, J., Hevia, E., Kennedy, A.R., Mulvey, R.E., Robertson, S.D.

Contacted ion-pair lithium alkylamidoaluminates: Intramolecular alumination (Al-H exchange) traps for TMEDA and PMDETA

(2009) *Organometallics*, 28 (22), pp. 6462-6468.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-72449160612&partnerID=40&md5=0c1a12c9b8d0dd85761de4651ab9398e>

DOCUMENT TYPE: Article

SOURCE: Scopus

Bica, E., Mureșan, L.E., Barbu-Tudoran, L., Indrea, E., Popescu, I.C., Popovici, E.-J.

Studies on WO₃ thin films prepared by dip-coating method

(2009) *Studia Universitatis Babeș-Bolyai Chemia*, 3, pp. 15-22.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-70350367339&partnerID=40&md5=8a3e3f882e1d0c8eb71da6b595141a82>

DOCUMENT TYPE: Article

SOURCE: Scopus

Vlean, A.-M., Gómez-Ruiz, S., Lönnecke, P., Silaghi-Dumitrescu, I., Silaghi-Dumitrescu, L., Hey-Hawkins, E.

Stabilisation of an inorganic digallane by the phosphinobisthiolato P,S,S pincer ligand PPh(2-SC₆H₄)₂

(2009) *New Journal of Chemistry*, 33 (8), pp. 1771-1779.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-68749121458&partnerID=40&md5=6889796e2b27b4ab97b0f42f2145b33d>

DOCUMENT TYPE: Article

SOURCE: Scopus

Haywood, J., Wheatley, A.E.H.

Alkali/coinage metals-organolithium, organocuprate chemistry

(2009) *Organometallic Chemistry*, 35, pp. 130-161.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-67649834269&partnerID=40&md5=5a328d14cef24f9bab15c967dcc29efb>

DOCUMENT TYPE: Article

SOURCE: Scopus

Goto, K., Takahashi, Y., Kawashima, T.

Synthesis and structural characterization of a mixed aggregate containing a lithium thiolate and a lithium amide

(2009) *Journal of Sulfur Chemistry*, 30 (3-4), pp. 365-369.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-71149108042&partnerID=40&md5=f2b39de1b0d769889ce5a9b4e9bd2e04>

DOCUMENT TYPE: Article

SOURCE: Scopus

Sircoglou, M., Mercy, M., Saffon, N., Coppel, Y., Bouhadir, G., Maron, L., Bourissou, D.

Gold(I) complexes of phosphanyl gallanes: From interconverting to separable coordination isomers

(2009) *Angewandte Chemie - International Edition*, 48 (19), pp. 3454-3457.

Cited 5 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-70349974620&partnerID=40&md5=c349e16b0a12bc320c865c9fa6ecf3ad>

DOCUMENT TYPE: Article

SOURCE: Scopus

Marczuk-Kolada, G., Łuczaj-Cepowicz, E., Waszkiel, D., Szarmach, I., Jakoniuk, P., Mystkowskad, J.

Fluoride release and antibacterial properties of the polyacid-modified composite Dyract AP®

(2009) *Fluoride*, 42 (2), pp. 147-151.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-67650222181&partnerID=40&md5=d011d16fde98563a25c2bfee73ec0952>

DOCUMENT TYPE: Article

SOURCE: Scopus

Zheng, Z., Huang, B.-Y., Xiang, Q.-J., Tan, Y.-N., Liu, Y.

Preparation and property of bioglass ceramics filled dental resins

(2009) *Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)*, 40 (1), pp. 94-98.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-63349092982&partnerID=40&md5=6d404a7390a5a43c9fdb50609d3ea53d>

DOCUMENT TYPE: Article

SOURCE: Scopus

Petrar, P.M., Nemes, G., Silaghi-Dumitrescu, I., Escudie, J., Ranaivonjatovo, H.

An insight into the structure of model germaphosphaallenes

(2009) *Molecular Physics*, 107 (8-12), pp. 1161-1167.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-68249156732&partnerID=40&md5=d8ba975669953653219777ee32ea597b>

DOCUMENT TYPE: Article

SOURCE: Scopus

Parr, J.

Carbon, silicon, germanium, tin and lead

(2008) *Annual Reports on the Progress of Chemistry - Section A*, 104, pp. 97-111.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-46249113473&partnerID=40&md5=b07440562f5d3ab4f336ddf1d22d2422>

DOCUMENT TYPE: Review

SOURCE: Scopus

Majoumo-Mbé, F., Kühl, O., Lönnecke, P., Silaghi-Dumitrescu, I., Hey-Hawkins, E.

Bis(phosphanyl amino)benzene ligands: A zinc(ii) complex and an unusual nickel(i) complex with a Dewar-benzene-type Ni₂P₂N₂ backbone (2008) Dalton Transactions, (23), pp. 3107-3114.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-44649125522&partnerID=40&md5=1971094a4ab8fec631b948dcae5fd7dc>

DOCUMENT TYPE: Article

SOURCE: Scopus

Hernández-Trujillo, J., Matta, C.F.

Hydrogen-hydrogen bonding in biphenyl revisited

(2007) Structural Chemistry, 18 (6), pp. 849-857. Cited 6 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-37749016305&partnerID=40&md5=7e1f703653d63eeb3db77fdd4a60b78c>

37749016305&partnerID=40&md5=7e1f703653d63eeb3db77fdd4a60b78c

DOCUMENT TYPE: Article

SOURCE: Scopus

Furtos, G., Stoleriu, S., Prejmorean, C., Prodan, D., Moldovan, M., Tamas, C., Trif, M.

Hydrolytic degradation of UDMA-based resin composite sealants

(2007) Journal of Optoelectronics and Advanced Materials, 9 (11), pp. 3379-3382.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-38549160821&partnerID=40&md5=11e20dfe49df4a26e05c30f01156e30d>

38549160821&partnerID=40&md5=11e20dfe49df4a26e05c30f01156e30d

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Wolstenholme, D.J., Cameron, T.S.

A comparison of the energetic and topological properties of weak interactions in molecular organic crystals

(2007) Canadian Journal of Chemistry, 85 (9), pp. 576-585. Cited 2 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-35548985924&partnerID=40&md5=ea0e5e44d27f1b7dbb433ddf64810f04>

35548985924&partnerID=40&md5=ea0e5e44d27f1b7dbb433ddf64810f04

DOCUMENT TYPE: Article

SOURCE: Scopus

Nemeş, G., Silaghi-Dumitrescu, L., Silaghi-Dumitrescu, I., Escudie, J., Ranaivonjatovo, H., Zukerman-Schpector, J.

Silatropic migration in (1-trimethylsilylindenyl) (indenyl) dimethylsilane, bis(1-trimethyl-silylindenyl) dimethylsilane and related compounds

(2007) Revue Roumaine de Chimie, 52 (8-9), pp. 809-816.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-41649084546&partnerID=40&md5=b888bd2c2ed23a54b6b9b1763d43b1e6>

41649084546&partnerID=40&md5=b888bd2c2ed23a54b6b9b1763d43b1e6

DOCUMENT TYPE: Article

SOURCE: Scopus

Lynam, J.M.

Nitrogen, phosphorus, arsenic, antimony and bismuth

(2007) Annual Reports on the Progress of Chemistry - Section A, 103, pp. 104-115.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-34547173622&partnerID=40&md5=75b3c5b42e0937e6e3118dc97317622e>

34547173622&partnerID=40&md5=75b3c5b42e0937e6e3118dc97317622e

DOCUMENT TYPE: Review

SOURCE: Scopus

Escudié, J., Ranaivonjatovo, H.

Group 14 and 15 heteroallenes E=C=C and E=C=E'

(2007) Organometallics, 26 (7), pp. 1542-1559. Cited 8 times.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047246172&partnerID=40&md5=9a7904bbd4882994512e33b0573c67b2>

34047246172&partnerID=40&md5=9a7904bbd4882994512e33b0573c67b2

DOCUMENT TYPE: Review

SOURCE: Scopus

Petrar, P.M., Nemes, G., Silaghi-Dumitrescu, L., Silaghi-Dumitrescu, I., Escudié, J., Gornitzka, H., Ranaivonjatovo, H.
Synthesis and characterization of the first arsanylbis(methylene) phosphorane
(Me₃Si)₂C=P(Mes*)=C(Cl)-As(F)Mes*
(2007) *Revue Roumaine de Chimie*, 52 (1-2), pp. 45-49.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-34547347404&partnerID=40&md5=926716274e9d7d491cac4d88981370f9>
DOCUMENT TYPE: Article
SOURCE: Scopus

Parr, J.
Carbon, silicon, germanium, tin and lead
(2006) *Annual Reports on the Progress of Chemistry - Section A*, 102, pp. 107-129.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33750952883&partnerID=40&md5=f78add902dd6bb40dbcla00a5210d94a>
DOCUMENT TYPE: Review
SOURCE: Scopus

Lynam, J.M.
Nitrogen, phosphorus, arsenic, antimony and bismuth
(2006) *Annual Reports on the Progress of Chemistry - Section A*, 102, pp. 130-149. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33750897760&partnerID=40&md5=fb60ab66988b2ecd6f47f362b513fc4c>
DOCUMENT TYPE: Review
SOURCE: Scopus

García-Álvarez, J., Graham, D.V., Kennedy, A.R., Mulvey, R.E., Weatherstone, S.
New reactivity and structural insights of alkali-metal-mediated aluminations in directed ortho-alumination of a tertiary aromatic amide
(2006) *Chemical Communications*, (30), pp. 3208-3210. Cited 15 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33746469470&partnerID=40&md5=e3a90248237abb32a26b9ebeceba3876>
DOCUMENT TYPE: Article
SOURCE: Scopus

2. Alte citări ale lucrărilor listate mai sus

3. Citări în perioada 2005-2009 ale articolelor anterioare anului 2005

44:

Apostolico, L., Kociok-Köhn, G., Molloy, K.C., Blackman, C.S., Carmalt, C.J., Parkin, I.P.
The reaction of tin(IV) iodide with phosphines: Formation of new halotin anions
(2009) *Dalton Transactions*, (47), pp. 10486-10494.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-72749084145&partnerID=40&md5=45637338f91f86f6b6c31c46b6c5b984>
DOCUMENT TYPE: Article
SOURCE: Scopus

Ghammamy, S., Anvarnia, Z., Jafari, M., Mehrani, K., Tavakol, H., Javanshir, Z., Rezaeibehbahani, G.
Synthesis and characterization of two new halo complexes of iodine: (C₄H₉)₄N[I₂Br]⁻ and (C₄H₉)₄N[I₂Cl]⁻ and theoretical calculations of their structures
(2009) *Main Group Chemistry*, 8 (4), pp. 299-306.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-75349092337&partnerID=40&md5=34b96b5c72205c83a9f2587e2d893f61>

DOCUMENT TYPE: Article
SOURCE: Scopus

Ioannou, P.V., Vachliotis, D.G., Nastopoulos, V., Tasiopoulos, A.J.
Preparation and properties of sodium dimethyldithioarsinate dihydrate, $\text{Me}_2\text{AsS}_2\text{Na}\cdot 2\text{H}_2\text{O}$ and palladium(ii) dimethyldithioarsinate, $(\text{Me}_2\text{AsS}_2)_2\text{Pd}$
(2009) *Zeitschrift fur Anorganische und Allgemeine Chemie*, 635 (13-14), pp. 2203-2209.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-70449555192&partnerID=40&md5=2d4a8ceaccd80c35d098d98b8fec0015>

DOCUMENT TYPE: Article
SOURCE: Scopus

Ioannou, P.V., Tsivgoulis, G.M., Vachliotis, D.G.
The lewis-base behavior of Bunsen's cacodyl disulfide, $\text{Me}_2\text{As}(\text{S})-\text{S}-\text{AsMe}_2$, toward molecular halides of group 13

(2009) *Main Group Chemistry*, 8 (3), pp. 151-161. Cited 1 time.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-75349107450&partnerID=40&md5=00df78458dfc0e2be31ab5fcelad1428>

DOCUMENT TYPE: Article
SOURCE: Scopus

Silaghi-Dumitrescu, R.

Superoxide interaction with nickel and iron superoxide dismutases

(2009) *Journal of Molecular Graphics and Modelling*, 28 (2), pp. 156-161.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-70349329588&partnerID=40&md5=b06046772fcf80f4701ded4bc30070e2>

DOCUMENT TYPE: Article
SOURCE: Scopus

Sideris, T.D., Tsivgoulis, G.M., Vachliotis, D.G., Ioannou, P.V.

The reactions of triethylamine-activated octasulfur with thioarsinites, $\text{L}_2\text{As}-\text{Sph}$ (L = Me, Ph), Bunsen's cacodyl disulfide, $\text{Me}_2\text{As}(\text{S})-\text{S}-\text{AsMe}_2$, and triphenylarsine

(2009) *Main Group Chemistry*, 8 (3), pp. 163-176.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-75349088549&partnerID=40&md5=3de66db1765946c3c3f0f89729263d3f>

DOCUMENT TYPE: Article
SOURCE: Scopus

Wen, L.-Y., Yin, H.-D., Wang, D.-Q.

Synthesis, characterization and crystal structure of a 2D organoantimony complex $(\text{C}_6\text{H}_5)_3\text{Sb}(\text{O}_2\text{CCH}_2\text{C}_6\text{H}_4\text{NH}_2\text{-p})_2$

(2009) *Chinese Journal of Inorganic Chemistry*, 25 (8), pp. 1470-1473.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-70349271350&partnerID=40&md5=e52eb51fc7fa9f57b0877792fe70a124>

DOCUMENT TYPE: Article
SOURCE: Scopus

Shihada, A.F., Al-Aqarbeh, M., Weller, F., Massa, W.

Synthesis, crystal structures and spectroscopic studies of dimorphic $[\text{bu}_2\text{sn}(\text{o}_2\text{asme}_2)_2]$ and the novel dimethylthioarsinate $[(\text{me}_2\text{snosasme}_2)_2\text{o}]_2$
(2009) *Zeitschrift fur Anorganische und Allgemeine Chemie*, 635 (9-10), pp. 1384-1390.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-69249094126&partnerID=40&md5=17fb07c306e03218f52a2a19d1ecaf32>

DOCUMENT TYPE: Article
SOURCE: Scopus

Bajia, S., Butcher, R.J., Drake, J.E., Ratnani, R.

Synthesis and characterization of adducts of bis(4,4,6-trimethyl-1,3,2-dioxaphosphorinane-2-thione-2-thiolato)cobalt(II) with nitrogen and phosphorus containing Lewis bases: Crystal structures of $[\text{Co}(\text{S}_2)_2(2\text{-CH}_3\text{-NC}_5\text{H}_4)]$ and $[\text{Co}(\text{S}_2)_2(3\text{-CH}_3\text{-NC}_5\text{H}_4)]$

(2009) *Polyhedron*, 28 (8), pp. 1556-1560.

<http://www.scopus.com/inward/record.url?eid=2-s2.0-65549105880&partnerID=40&md5=3ee44935ce883697f7c4a66f920c0cc5>
DOCUMENT TYPE: Article
SOURCE: Scopus

Silaghi-Dumitrescu, R.
Nitric oxide and nitrite reduction by metalloenzymes
(2009) *Revue Roumaine de Chimie*, 54 (6), pp. 513-522.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-72549111735&partnerID=40&md5=8356b4fc9ecf6918ad518acf0c7fac92>
DOCUMENT TYPE: Article
SOURCE: Scopus

Ioannou, P.V., Vachliotis, D.G., Sideris, T.D.
The other face of Bunsen's cacodyl disulfide, Me₂As(S)-S- AsMe₂: The Lewis-base behaviour towards heavy metal cations
(2009) *Zeitschrift fur Anorganische und Allgemeine Chemie*, 635 (2), pp. 329-336. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-60249086862&partnerID=40&md5=18d38e1b5d1cdda9129219a22724cb55>
DOCUMENT TYPE: Article
SOURCE: Scopus

Bajia, S.C., Drake, J.E., Light, M.E., Nirwan, M., Pandey, S.K., Ratnani, R.
Synthesis and characterization of adducts of bis(O,O'-ditolyl/dibenzyl dithiophosphato)cobalt(II) with pyridine: Crystal structures of [Co{S₂P(OC₆H₄Me-p)₂}₂(C₅H₅N)₂] and [Co{S₂P(OC₆H₄Me-p)₂}₂(NH₃)₂]
(2009) *Polyhedron*, 28 (1), pp. 85-90. Cited 2 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-57849100475&partnerID=40&md5=9b7a726f0ffaa82745f677ef52c0a53b>
DOCUMENT TYPE: Article
SOURCE: Scopus

Zhan, C.-H., Zhang, S.-G., Feng, Y.-L.
[1-(4-Hydroxyphenyl)-1H-tetrazol-5-ylsulfanyl] acetic acid
(2008) *Acta Crystallographica Section E: Structure Reports Online*, 64 (12), .
<http://www.scopus.com/inward/record.url?eid=2-s2.0-57349187240&partnerID=40&md5=1817f10c12bc602e982b4904beedd9c3>
DOCUMENT TYPE: Article
SOURCE: Scopus

Zhang, S.-G., Feng, Y.-L.
Synthesis, crystal structure and luminescence property of [MnL₂(bipy)(H₂O)₂]_n
(2008) *Jiegou Huaxue*, 27 (12), pp. 1487-1490.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-63849199546&partnerID=40&md5=07b6c392405d7f1dc936feecfc2abb65>
DOCUMENT TYPE: Article
SOURCE: Scopus

Silaghi-Dumitrescu, R.
Halide activation by heme peroxidases: Theoretical predictions on putative adducts of halides with compound I
(2008) *European Journal of Inorganic Chemistry*, (34), pp. 5404-5407. Cited 2 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-56649091415&partnerID=40&md5=f1fab36af5aa218c0754c0616352032a>
DOCUMENT TYPE: Article
SOURCE: Scopus

Bingham, A.L., Drake, J.E., Hursthouse, M.B., Light, M.E., Nirwan, M., Ratnani, R.
Synthesis, characterization and spectral studies of bis(O,O-dialkylmonothiophosphato)cobalt(II) complexes and their adducts with nitrogen base ligands: Crystal structures of [Co{O(S)P(OPri)₂}₂(C₅H₅N)₄] and [Co{O(S)P(OPrn)₂}₂(C₁₀H₈N₂)₂]

(2008) *Polyhedron*, 27 (6), pp. 1673-1678.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-41349086366&partnerID=40&md5=ae38bbe1511b9abb872bc43059a87f7b>
DOCUMENT TYPE: Article
SOURCE: Scopus

Davis, M.F., Levason, W., Reid, G., Webster, M.
Complexes of germanium(IV) fluoride with phosphane ligands: Structural and spectroscopic authentication of germanium(IV) phosphane complexes
(2008) *Dalton Transactions*, (17), pp. 2261-2269. Cited 5 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-42349112089&partnerID=40&md5=bd618ecdc2e886ca12fa08ca22be5d64>
DOCUMENT TYPE: Article
SOURCE: Scopus

Dostál, L., Jambor, R., Růžička, A., Jirásko, R., Císařová, I., Holeček, J.
The synthesis of organoantimony(III) difluorides containing Y,C,Y pincer type ligands using organotin(IV) fluorinating agents
(2008) *Journal of Fluorine Chemistry*, 129 (3), pp. 167-172. Cited 5 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-38949217744&partnerID=40&md5=e303ad580bcbde9c41d73a28c6d29337>
DOCUMENT TYPE: Article
SOURCE: Scopus

Oulie, P., Freund, C., Saffon, N., Martin-Vaca, B., Maron, L., Bourissou, D.
Enforced η^1 -fluorenyl and indenyl coordination to zirconium: Geometrically constrained and sterically expanded complexes derived from the bifunctional (FluPPh₂NAr)- and (IndPPh₂NAr) - ligands
(2007) *Organometallics*, 26 (27), pp. 6793-6804. Cited 7 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-38349188634&partnerID=40&md5=9deb92db3194a776613114b3b5ed9e13>
DOCUMENT TYPE: Article
SOURCE: Scopus

Zhang, S.-G., Feng, Y.-L., Wen, Y.-H., Su, H.
Synthesis, crystal structure and luminescence property of [Co(hmz)₂(H₂O)₄]·2H₂O
(2007) *Jiegou Huaxue*, 26 (6), pp. 664-668.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-76349119896&partnerID=40&md5=d926cb15948893d8f9ce0d5197d3f5098>
DOCUMENT TYPE: Article
SOURCE: Scopus

Ghoshal, S., Jain, V.K.
Gallium(III) and indium(III) dithiolate complexes: Versatile precursors for metal sulfides
(2007) *Journal of Chemical Sciences*, 119 (6), pp. 583-591. Cited 2 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-37749038569&partnerID=40&md5=769b81e00235f7d15608c903366884bf>
DOCUMENT TYPE: Article
SOURCE: Scopus

Ioannou, P.V., Vachliotis, D.G., Sideris, T.D.
The electrophilic character of Bunsen's cacodyl disulfide, Me₂As(S)-S-AsMe₂
(2007) *Zeitschrift für Anorganische und Allgemeine Chemie*, 633 (11-12), pp. 2077-2084. Cited 4 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-34548748165&partnerID=40&md5=ade822feeaaa858091d99043d8203d0e>
DOCUMENT TYPE: Article
SOURCE: Scopus

Nemeş, G., Silaghi-Dumitrescu, L., Silaghi-Dumitrescu, I., Escudie, J., Ranaivonjatovo, H., Zukerman-Schpector, J.
Silatropic migration in (1-trimethylsilylindenyl) (indenyl) dimethylsilane, bis(1-trimethylsilylindenyl) dimethylsilane and related compounds

(2007) *Revue Roumaine de Chimie*, 52 (8-9), pp. 809-816.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-41649084546&partnerID=40&md5=b888bd2c2ed23a54b6b9b1763d43b1e6>
DOCUMENT TYPE: Article
SOURCE: Scopus

Bingham, A.L., Drake, J.E., Hursthouse, M.B., Light, M.E., Nirwan, M., Ratnani, R.
Synthesis, characterization and spectral studies of nitrogen base adducts of bis(O,O'-ditolyldithiophosphato)nickel(II). Crystal structures of Ni[S₂P(OC₆H₄Me-p)₂]₂ · C₁₀H₈N₂ and Ni[S₂P(OC₆H₄Me-o)₂]₂ · C₁₄H₁₂N...
(2007) *Polyhedron*, 26 (12), pp. 2672-2678. Cited 3 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-34347363162&partnerID=40&md5=f8aa6bf22c1968aa85f72230307095b1>
DOCUMENT TYPE: Article
SOURCE: Scopus

Mohammed-Ziegler, I., Billes, F.
Optical spectroscopy and theoretical studies in calixarene chemistry
(2007) *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, 58 (1-2), pp. 19-42. Cited 10 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-34247541767&partnerID=40&md5=d7f2474c3e7df85ccdba229cacb01562>
DOCUMENT TYPE: Article
SOURCE: Scopus

Fricke, M., Zeller, M., Cullen, W., Witkowski, M., Creed, J.
Dimethylthioarsinic anhydride: A standard for arsenic speciation
(2007) *Analytica Chimica Acta*, 583 (1), pp. 78-83. Cited 9 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33845961774&partnerID=40&md5=6ba7cfb377a94cf4ed5762e4d776ec6c>
DOCUMENT TYPE: Article
SOURCE: Scopus

Gaponik, P.N., Voitekhovich, S.V., Ivashkevich, O.A.
Metal derivatives of tetrazoles
(2006) *Russian Chemical Reviews*, 75 (6), pp. 507-539. Cited 27 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33845449774&partnerID=40&md5=fa927d11f9111d074669ca1e18fbb981>
DOCUMENT TYPE: Article
SOURCE: Scopus

Luk'yanenko, N.G., Pastushok, V.N., Botoshanskii, M.M., Fonar, M.S., Simonov, Yu.A.
Bis[(benzo-18-crown-6)-4,5-ylmethyl]-1,3,4,6-diphenylglycoluril: The first representative of a new class of bis(crown ethers) and the synthesis and crystal structure of its complex with sodium picrate
(2006) *Russian Journal of Inorganic Chemistry*, 51 (12), pp. 1900-1907.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33845512984&partnerID=40&md5=135ffafe4dc1c83da74b9a759505a8d4>
DOCUMENT TYPE: Article
SOURCE: Scopus

Sharma, P.K., Rehwani, H., Rai, A.K., Gupta, R.S., Singh, Y.P.
Antispermato-genic activity of the benzothiazoline ligand and corresponding organoantimony(V) derivative in male albino rats
(2006) *Bioinorganic Chemistry and Applications*, 2006, art. no. 16895, .
<http://www.scopus.com/inward/record.url?eid=2-s2.0-53649087963&partnerID=40&md5=74a243f81f08c509e99006691dd786df>
DOCUMENT TYPE: Article
SOURCE: Scopus

Freund, C., Barros, N., Gornitzka, H., Martin-Vaca, B., Maron, L., Bourissou, D.
Enforced η¹-fluorenyl coordination to rhodium(I) with the [FluPPh₂NPh]- ligand

(2006) *Organometallics*, 25 (20), pp. 4927-4930. Cited 7 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33749856307&partnerID=40&md5=f4507d4cd91014babf7625e5863695d1>
DOCUMENT TYPE: Article
SOURCE: Scopus

Davis, M.F., Clarke, M., Levason, W., Reid, G., Webster, M.
Tin(IV) fluoride complexes with tertiary phosphane ligands - A comparison of hard and soft donor ligands
(2006) *European Journal of Inorganic Chemistry*, (14), pp. 2773-2782. Cited 12 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33746215175&partnerID=40&md5=8f3e49cc2731c43929b441a992f87e9f>
DOCUMENT TYPE: Article
SOURCE: Scopus

García-Serrano, J., Herrera, A.M., Pérez-Moreno, F., Valdez, M.A., Pal, U.
Synthesis of novel ionic polymers containing arsonic acid group
(2006) *Journal of Polymer Science, Part B: Polymer Physics*, 44 (11), pp. 1627-1634. Cited 3 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33744781003&partnerID=40&md5=1626564987f20e138b2a286e30492d41>
DOCUMENT TYPE: Article
SOURCE: Scopus

Sideris, T.D., Ioannou, P.V.
Ascorbic acid/iodine and triphenylphosphine/iodine as reducing agents for the As(V)=O group
(2006) *Phosphorus, Sulfur and Silicon and the Related Elements*, 181 (5), pp. 1017-1030.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33645826389&partnerID=40&md5=388dd2114732752997d72ea055284b45>
DOCUMENT TYPE: Article
SOURCE: Scopus

Sideris, T.D., Ioannou, P.V.
Studies on the air oxidation of some arsenic(III) compounds
(2006) *Phosphorus, Sulfur and Silicon and the Related Elements*, 181 (4), pp. 751-762. Cited 4 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33644797607&partnerID=40&md5=6437c35011261e4439082cab633df89b>
DOCUMENT TYPE: Article
SOURCE: Scopus

Bingham, A.L., Drake, J.E., Light, M.E., Nirwan, M., Ratnani, R.
Synthesis, spectroscopic characterization and structural studies of nickel complexes of O,O'-diaryl(dibenzyl) dithiophosphates: Crystal structures of Ni[S2P(OC6H4CH3-o) 2]2, Ni[S2P(OC6H4CH 3-m)2]2 and Ni[S2P(OCH 2Ph)2] (2)
(2006) *Polyhedron*, 25 (4), pp. 945-952. Cited 3 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-32844459194&partnerID=40&md5=c0ac8e7f014aa2f7334e9561213d9a03>
DOCUMENT TYPE: Article
SOURCE: Scopus

Haiduc, I., Mezei, G., Micu-Semeniuc, R., Edelmann, F.T., Fischer, A.
Differing coordination modes of (O-alkyl)-p-ethoxyphenyldithiophosphonate ligands in copper(I), silver(I) and gold(I) triphenylphosphine complexes
(2006) *Zeitschrift fur Anorganische und Allgemeine Chemie*, 632 (2), pp. 295-300. Cited 6 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-31144439830&partnerID=40&md5=2cb61ebf28e6d4dda322c0c8dc0b0a27>
DOCUMENT TYPE: Article
SOURCE: Scopus

Silaghi-Dumitrescu, R., Silaghi-Dumitrescu, I.

DFT and the electromerism in complexes of iron with diatomic ligands
(2006) *Journal of Inorganic Biochemistry*, 100 (1), pp. 161-166. Cited 8 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-29344474262&partnerID=40&md5=91b6cd5c7454d3ce6f7394584cdd8d59>
DOCUMENT TYPE: Article
SOURCE: Scopus

Fricke, M.W., Zeller, M., Sun, H., Lai, V.W.-M., Cullen, W.R., Shoemaker, J.A., Witkowski, M.R., Creed, J.T.
Chromatographic separation and identification of products from the reaction of dimethylarsinic acid with hydrogen sulfide
(2005) *Chemical Research in Toxicology*, 18 (12), pp. 1821-1829. Cited 24 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-29644445242&partnerID=40&md5=ab2af11601503fa4b3d88a3fc215ae70>
DOCUMENT TYPE: Article
SOURCE: Scopus

Heard, P.J.
Main group dithiocarbamate complexes
(2005) *Progress in Inorganic Chemistry*, 53, pp. 1-69. Cited 26 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33644844749&partnerID=40&md5=3bbb164d993676ed684d910e79fa77a0>
DOCUMENT TYPE: Review
SOURCE: Scopus

Bridgeman, A.J.
Theoretical organometallic chemistry
(2005) *Organometallic Chemistry*, 32, pp. 1-38.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-33746471853&partnerID=40&md5=a4cb381918053064247daeea920fefbe>
DOCUMENT TYPE: Review
SOURCE: Scopus

Silaghi-Dumitrescu, I., Escudie, J., Cretiu-Nemes, G., Raoult, E., Rault-Berthelot, J.
Anodic oxidation of difluorenyls bridged through a dimethylsilyl group and of the 9-trimethylsilyl fluorene: Towards new three-dimensional polyfluorenes
(2005) *Synthetic Metals*, 151 (2), pp. 114-119. Cited 1 time.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-20544474457&partnerID=40&md5=aed4fe8622a07f938b081cbca140a8cb>
DOCUMENT TYPE: Article
SOURCE: Scopus

Silaghi-Dumitrescu, R.
A density functional study of heme-peroxynitrite adducts
(2005) *Journal of Molecular Structure: THEOCHEM*, 722 (1-3), pp. 233-237. Cited 6 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-18144411616&partnerID=40&md5=b6427a45e7dd5f754545f108d1e97f83>
DOCUMENT TYPE: Article
SOURCE: Scopus

Cea-Olivares, R., Moya-Cabrera, M., García-Montalvo, V., Castro-Blanco, R., Toscano, R.A., Hernández-Ortega, S.
True square planar $[M\{N(\text{SePiPr}_2)_2\text{-Se, Se}'\}_2]$ $[M = \text{Sn, Se}]$ complexes. An extraordinary geometrical arrangement for well known centers $[\text{Sn}(\text{II}), \text{Se}(\text{II})]$
(2005) *Dalton Transactions*, (6), pp. 1017-1018. Cited 3 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-16244366844&partnerID=40&md5=b2910f435f5b944d2e6f831450908932>
DOCUMENT TYPE: Article
SOURCE: Scopus

Nemes, G.C., Silaghi-Dumitrescu, L., Silaghi-Dumitrescu, I., Escudié, J., Ranaivonjatovo, H., Molloy, K.C., Mahon, M.F., Zukerman-Schpector, J.

Difluorenylsilanes, -germanes, and -stannanes exhibiting an unprecedented parallel arrangement of the fluorene units
(2005) *Organometallics*, 24 (6), pp. 1134-1144. Cited 4 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-15944381564&partnerID=40&md5=33a551ed6a093713900cdeed09a0a956>
DOCUMENT TYPE: Article
SOURCE: Scopus

4. Distincții, premii și alte recunoașteri naționale și internaționale

Premiul Academiei Romane Costin D.Nenitzescu

5. Studenți naționali atrași (activități de coordonare științifică și didactică)

- Îndrumare lucrari de licență (număr lucrări susținute)
- Îndrumare lucrări de disertație (număr lucrări susținute)
- Doctoranzi (lista nominală a doctoranzilor înmatriculați resp. lista nominală a tezelor susținute)
- Post-doctoranzi (lista nominală)

6. Studenți internaționali atrași (activități de coordonare științifică și didactică)

- Îndrumare lucrari de licență (număr lucrări susținute)
- Îndrumare lucrări de disertație (număr lucrări susținute)
- Doctoranzi (lista nominală a doctoranzilor înmatriculați resp. lista nominală a tezelor susținute)
- Post-doctoranzi (lista nominală)

7. Membru in comitetul de redacție la reviste ISI

Studia – Chemia – redactor sef
Chemistry central Journal

8. Membru in comitetul de redacție la reviste BDI

9. Participări la programe/granturi de cercetare finanțate din sursă internațională (se menționează și valoarea)

Membru in Comitetul de Management al Retelei COST “PhoSciNet” (2009-2011)

10. Participări la programe/granturi finanțate din sursă națională (se menționează și valoarea)

11. Coordonări de programe/granturi finanțate din sursă internațională (se menționează și valoarea)

Program TEMPUS “ Reforma invatamantului superior de Chimie in Macedonia” – coordonator din partea Romaniei, 19.000 Euro (2008-2009)

Programul “Materiale si Cataliza” finantat de DAAD in cadrul Pactului de Stabilitate in Sud-estul Europei (2005-2009), coordonator din partea Romaniei

12. Coordonări de programe/granturi finanțate din sursă națională (se menționează și valoarea)

- CEEX-RIOSIN, Reactivi si intermediary organometalici in sinteze stereocontrolate de compusi cu relevanta biologica, 2006-2008 (Dir. Luminita Silaghi-Dumitrescu), valoare 1150000 RON.

- CEEEX OPTOLUM 2005-2007 (dir. L. Silaghi-Dumitrescu), valoare 300000 lei.
- PN II, Capacitati I -ELACOM, Extinderea laboratoarelor de chimie organometalica aplicata, 129/2007, 2007-2009 (dir. L. Silaghi-Dumitrescu), valoare 1859500 lei
- MATNANTECH / Materiale cu proprietati luminescente preparate prin metode neconventionale 17500 lei
- CNCSIS / Compusi arsenorganici in structuri moleculare si supramoleculare 78/1788 18000 lei
- CNCSIS-56/710, REACTIVI SI INTERMEDIARI ORGANOMETALICI IN SINTEZE STEREOCONTROLATE DE COMPUSI CU RELEVANTA BIOLOGICA, 2006-2008, valoare 176000 lei
- Idei- PN II, 564 - DEZVOLTAREA DE METODE NEPOLUANTE DE SINTEZA ORGANICA SI ORGANOMETALICA IN CAMP DE MICROUNDE - GREEN CHEMISTRY – MESINEP, valoare 495160 lei

Capacitati modul III, bilaterale Co-Bil

Bilateral Ungaria , valoare 165458 lei

Bilateral Ucraina – valoare 139630

13. Profesor invitat la universitati de prestigiu, cu titlu oficial

Universitatea din Leipzig
 Universitatea din Braunschweig
 Ubiversitatea din Toulouse

14. Membru în comisii profesionale relevante, cu titlu oficial

Universitatea din Orleans (2008)
 Universitatea din Toulouse(2008)
 Universitatea din Leipzig(2009)

15. Conferințe invitate internaționale

16. Membru în comitete de organizare sau științifice ale unor conferințe internaționale

III. Realizare remarcabilă

(Descrieți într-o manieră cât mai accesibilă (în maximum 1 pagină) cea mai importantă realizare științifică/tehnică/artistică din ultimii 5 ani și impactul acesteia.)

Data:

Semnătura:

Certific validitatea datelor prezentate

Sef de catedră,