



Curriculum vitae Europass



Informații personale

Nume / Prenume **Olar Mărioara Rodica**
Adresă(e) Crinul de Pădure, nr. 3, bl. G6, ap. 28, sector 6, București
Telefon(oane) (40-21) 4103178/118
Fax(uri) (40-21) 312 16 50
E-mail(uri) rodica_m_olar@yahoo.com, rodica.olar@chimie.unibuc.ro
Naționalitate Română
Data nașterii 12/03/1963
Sex Feminin

Locul de muncă vizat / Domeniul ocupațional

(rubrică facultativă, vezi instrucțiunile)

Experiența profesională

Perioada	2002 - prezent
Funcția sau postul ocupat	Conferențiar Universitar
Activități și responsabilități principale	Predare cursuri, introducerea de cursuri și lucrări de laborator noi, seminarii, activități de laborator, cercetare contractuală, publicare articole, publicare cărți și capitole de carte
Numele și adresa angajatorului	Facultatea de Chimie, Universitatea din București
Tipul activității sau sectorul de activitate	
Perioada	1996 - 2002
Funcția sau postul ocupat	Șef lucrări
Activități și responsabilități principale	Predare cursuri, seminarii, activități de laborator, cercetare contractuală, publicare articole și caiete de laborator
Numele și adresa angajatorului	Facultatea de Chimie, Universitatea din București
Tipul activității sau sectorul de activitate	
Perioada	1990 - 1996
Funcția sau postul ocupat	Asistent Universitar
Activități și responsabilități principale	Seminarii, activități de laborator
Numele și adresa angajatorului	Facultatea de Chimie, Universitatea din București
Tipul activității sau sectorul de activitate	

Educație și formare

Perioada	1990-1999
Calificarea / diploma obținută	Doctor in Chimie
Disciplinele principale studiate / competențe profesionale dobândite	Chimie coordinativă / Sinteza și caracterizarea de combinații complexe cu activitate biologică
Numele și tipul instituției de învățământ / furnizorului de formare	Facultatea de Chimie, Universitatea din București

Nivelul în clasificarea națională sau internațională	8
Perioada	1985 -1986
Calificarea / diploma obținută	Certificat de specializare
Disciplinele principale studiate / competențe profesionale dobândite	Chimia combinațiilor complexe, Chimia polimerilor și heterociclicilor anorganici / Caracterizarea speciilor anorganice și interpretare a datelor furnizate de diverse metode fizico-chimice
Numele și tipul instituției de învățământ / furnizorului de formare	Institutul Politehnic București
Nivelul în clasificarea națională sau internațională	7
Perioada	1981 - 1985
Calificarea / diploma obținută	Diploma de Licență
Disciplinele principale studiate / competențe profesionale dobândite	Chimie analitică, Chimie organică, Chimie anorganică / Rezolvarea de probleme, asamblarea de instalații, analiza unui amestec complex de substanțe, documentare și sistematizare de date, prezentare date
Numele și tipul instituției de învățământ / furnizorului de formare	Institutul Politehnic București
Nivelul în clasificarea națională sau internațională	6
Aptitudini și competențe personale	Stagii de cercetare la: <ul style="list-style-type: none"> •
Limba(i) maternă(e)	română
Limba(i) străină(e) cunoscută(e)	engleză, franceză
Autoevaluare <i>Nivel european (*)</i>	
Limba engleză	
Limba franceză	
Competențe și abilități sociale	
Competențe și aptitudini organizatorice	

Înțelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
C1	Utilizator experimentat	C1	Utilizator experimentat	B2	Utilizator independent	B2	Utilizator independent	C1	Utilizator experimentat
C2	Utilizator experimentat	C2	Utilizator experimentat	C2	Utilizator experimentat	C2	Utilizator experimentat	C2	Utilizator experimentat

Competențe și aptitudini tehnice

Publicatii:

- 1 capitol de carte
- 2 cursuri publicate în Editura Universității din București
- 96 publicații ISI (96 în reviste internaționale); F.I. cumulat al publicațiilor = $69 \times 2,209 + 6 \times 3,098 + 1 \times 3,581 + 1 \times 1,604 + 2 \times 1,507 + 1 \times 2,264 + 1 \times 2,067 + 2 \times 4,816 + 1 \times 4,397 + 1 \times 1,810 + 1 \times 1,15 + 2 \times 3,779 + 1 \times 0,25 + 6 \times 0,37 + 1 \times 2,189 + 1 \times 0,08 = 212,825$
- 49 publicații non-ISI (8 în reviste internaționale).
- Index Hirsch = 14 (Clarivate Analytics); 15 (Scopus); 15 (Research Gate); 15 (Mendeley); 16 (Google Scholar)
- Numar total de citări (fără autocitări) = 596 (Clarivate Analytics); 590 (Scopus); 928 (Research Gate); 871 (Mendeley); 1048 (Google Scholar).

Membru al asociațiilor profesionale:

- Membru al Societății de Chimie din România din 1997, Vicepresedinte sectia 1 SChR din 2015
- Membru al International Confederation for Thermal Analysis and Calorimetry (ICTAC) din 2004
- Membru al Central and Eastern European Committee for Thermal Analysis and Calorimetry (CEEC-TAC) din 2011
- Coordonator Departament Proiecte CEEC-TAC
- Membru National Organising Committee CEEC-TAC 1, ESTAC 12
- Membru Scientific Committee CEEC-TAC 2

Activitate editorială: Membru comitet de redacție revista Chimia a SChR.

Competențe și aptitudini de utilizare a calculatorului

Competențe și aptitudini artistice

Alte competențe și aptitudini

Permis(e) de conducere

Informații suplimentare

Anexe

București, 23 Aprilie 2019

Grad Didactic/Nume/Prenume
Conf. Dr. Olar Mărioara Rodica
Semnatura

Publicații ISI

#	Autori	Titlu	An	Jurnal	Q	IF (2017)	Vol.	Nr.	Pagina start	Pagina sfarsit	DOI
1	Rodica Olar, Gina Vasile Scăețeanu, George-Mădaălin Dănilă, Constantin-Gabriel Daniliuc, Romana Cerc Korošec, Nataša Čelan Korošin, Mihaela Badea	Synthesis and characterization of cobalt acrylate-melamine co-crystals	2019	J. Therm. Anal. Calorim.	2	2,209	135		2257	2264	10.1007/s10973-018-7264-1
2	Irina Zarafu, Mihaela Badea, Gabriela Ioniță, Mariana Carmen Chifiriuc, Coralia Bleotu, Marcela Popa, Petre Ioniță, Arnaud Tatibouet, Rodica Olar	Thermal, spectral and biological characterisation of copper(II) complexes with isoniazid-based hydrazones	2019	J. Therm. Anal. Calorim.	2	2,209	136		1977	1987	10.1007/s10973-018-7853-z
3	Larisa Calu, Mihaela Badea, Nataša Čelan Korošin, Mariana Carmen Chifiriuc, Coralia Bleotu, Nicolae Stănică, Luigi Silvestro, Martin Maurer, Rodica Olar	Spectral, thermal and biological characterization of complexes with a Schiff base bearing triazole moiety as potential antimicrobial species	2018	J. Therm. Anal. Calorim.	2	2,209	134		1839	1850	DOI 10.1007/s10973-018-7871-x
4	Ioana Dorina Vlaicu, Gheorghe Borodi, Gina Vasile Scațeanu, Mariana Carmen Chifiriuc, Luminița Maruțescu, Marcela Popa, Mariana Stefan, Ionel Florinel Mercioniu, Martin Maurer, Constantin G. Daniliuc, Rodica Olar, Mihaela Badea	X-ray Crystal Structure, Geometric Isomerism, and Antimicrobial Activity of New Copper(II) Carboxylate Complexes with Imidazole Derivatives	2018	Molecules	1	3,098	23		3252		10.3390/molecules23123253
5	Alexandra-Cristina Munteanu, Mihaela Badea, Rodica Olar, Luigi Silvestro, Mirela Mihaila, Lorelei Irina Brasoveanu, Mihaela Georgiana Musat, Adrian Andries, Valentina Uivarosi	Cytotoxicity studies, DNA interaction and protein binding of new Al (III), Ga (III) and In (III) complexes with 5-hydroxyflavone	2018	Appl. Organometal. Chem.	2	3,581	32		e4579		org/10.1002/aoc.4579
6	Mihaela Badea, Larisa Calu, Natasa Celan Korosin, Iulia Gabriela David, Mariana Carmen Chifiriuc, Coralia Bleotu, Gabriela Ionita, Luigi Silvestro, Martin Maurer, Rodica Olar	Thermal behaviour of some biological active perchlorate complexes with a triazolopyrimidine derivative	2018	J. Therm. Anal. Calorim.	2	2,209	134		665	677	DOI 10.1007/s10973-018-7134-x
7	Ioana Dorina Vlaicu, Rodica Olar, Gina Vasile Scăețeanu, Luigi Silvestro, Martin Maurer, Nicolae Stănică, Mihaela Badea	Thermal, spectral and biological investigation of new nickel complexes with imidazole derivatives	2018	J. Therm. Anal. Calorim.	2	2,209	134		503	512	DOI 10.1007/s10973-018-7133-y
8	Gina Vasile Scăețeanu, Mariana Carmen Chifiriuc, Coralia Bleotu, Crina Kamezran, Luminița Măruțescu, Constantin G. Daniliuc, Cătălin Maxim, Larisa Calu, Rodica Olar, Mihaela Badea	Synthesis, Structural Characterization, Antimicrobial Activity, and In Vitro Biocompatibility of New Unsaturated Carboxylate Complexes with 2,2'-Bipyridine	2018	Molecules	1	3,098	23		157		10.3390/molecules23010157

9	Irina Zarafu, Rodica Olar, Mariana Carmen Chifiriuc, Coralia Bleotu, Petre Ioniță, Mihaela Muțescu, Gabriela Ioniță, Grațela Grădișteanu, Amaud Tatibouet, Mihaela Badea	Synthesis, thermal, spectral, antimicrobial and cytotoxicity profile of the Schiff bases bearing pyrazolone moiety and their Cu(II) complexes	2018	J. Therm. Anal. Calorim.	2	2,209	134		1851	1861	10.1007/s10973-018-7681-1
10	Anca Dumbrava, Daniela Berger, Gabriel Prodan, Mihaela Badea, Rodica Olar, Florin Moscalu, Aurel Diacon	A study on thermal degradation of zinc oxide nanopowders functionalized with anthocyanins, in correlation with their properties and applications	2018	Appl. Phys. A	2	1,604	124		819		10.1007/s00339-018-2227-8
11	Luminița Măruțescu, Larisa Calu, Mariana Carmen Chifiriuc, Coralia Bleotu, Constantin-Gabriel Daniliuc, Denisa Fălcescu, Crina Maria Kamerzan, Mihaela Badea, Rodica Olar	Synthesis, Physico-chemical Characterization, Crystal Structure and Influence on Microbial and Tumor Cells of Some Co(II) Complexes with 5,7-Dimethyl-1,2,4-triazolo[1,5-a]pyrimidine	2017	Molecules	1	3,098	22		1233		10.3390/molecules22071233
12	Mihaela Badea, Cristina Bucur, Mariana Carmen Chifiriuc, Coralia Bleotu, Veronica Lazar, Dana Marinescu, Rodica Olar	Insight on thermal behavior of new complexes of Ni(II), Cu(II) and Zn(II) with a bismacrocyclic ligand as biological active species	2017	J. Therm. Anal. Calorim.	2	2,209	127		487	497	10.1007/s10973-016-5502-y
13	Larisa Calu, Mihaela Badea, Romana Cerc Korošec, Peter Bukovec, Constantin C. Daniliuc, Mariana Carmen Chifiriuc, Luminița Măruțescu, Camelia Ciulică, Gina Șerban, Rodica Olar	Thermal behaviour of some novel biological active complexes with a triazolopyrimidine pharmacophore	2017	J. Therm. Anal. Calorim.	2	2,209	127		697	708	10.1007/s10973-016-5515-6
14	Rodica Olar, Mihaela Badea, Marilena Ferbințeanu, Nicolae Stănică, Ionela Alan	Spectral, magnetic and thermal characterization of new Ni(II), Cu(II), Zn(II) and Cd(II) complexes with a bischelate Schiff base	2017	J. Therm. Anal. Calorim.	2	2,209	127		709	719	0.1007/s10973-016-5433-7
15	Rodica Olar, Larisa Calu, Mihaela Badea, Mariana Carmen Chifiriuc, Coralia Bleotu, Bruno Velescu, Oana Stoica, Gabriela Ioniță, Nicolae Stănică, Luigi Silvestro, Constanța Dulea, Valentina Uivarosi	Thermal behaviour of some biologically active species based on complexes with a triazolopyrimidine pharmacophore	2017	J. Therm. Anal. Calorim.	2	2,209	127		685	696	10.1007/s10973-016-5425-7
16	Rodica Olar, Ioana Dorina Vlaicu, Mariana Carmen Chifiriuc, Coralia Bleotu, Nicolae Stănică, Gina Vasile Scăețeanu, Luigi Silvestro, Constanța Dulea, Mihaela Badea	Synthesis, thermal analysis and biological characterisation of some new nickel (II) complexes with unsaturated carboxylates and heterocyclic N-donor ligands	2017	J. Therm. Anal. Calorim.	2	2,209	127		731	741	10.1007/s10973-016-5445-3
17	Irina Zarafu, Mihaela Badea, Gabriela Ioniță, Petre Ioniță, Anca Păun, Marcela Bucur, Mariana Carmen Chifiriuc, Coralia Bleotu, Rodica Olar	Spectral, magnetic, thermal and biological studies on Ca(II) and Cu(II) complexes with a novel crowned Schiff base	2017	J. Therm. Anal. Calorim.	2	2,209	127		1511	1521	10.1007/s10973-016-5573-9
18	Mihaela Badea, Rodica Olar, Luigi Silvestro, Martin Maurer, Valentina Uivarosi	Synthesis, spectral and thermal studies of the sodium salts of some Ru(III) complexes with quinolone antibiotics	2017	J. Therm. Anal. Calorim.	2	2,209	127		721	729	10.1007/s10973-016-5902-z
19	Valentina Uivarosi, Rodica Olar, Mihaela Badea, Mariana Carmen Chifiriuc	Antimicrobial activity of some new Ru(III) complexes with quinolone derivatives	2017	Farmacia	2	1,507	65	6	972	977	
20	Valentina Uivarosi, Mihaela Badea, Rodica Olar, Bruno Stefan	Synthesis and characterization of a new complex of oxovanadium (IV) with naringenin, as potential	2016	Farmacia	2	1,507	64	2	175	180	

	Velescu, Victoria Aldea	insulinomimetic agent									
21	Alexandra-Cristina Munteanu, Mihaela Badea, Rodica Olar, Luigi Silvestro, Constanța Dulea, Constantin-Daniel Negut, Valentina Uivarosi	Synthesis and Structural Investigation of New Bio-Relevant Complexes of Lanthanides with 5-Hydroxyflavone: DNA Binding and Protein Interaction Studies	2016	Molecules	1	3,098	21	1737	1756	10.3390/molecules21121737	
22	Anca Dumbrava, Rodica Olar, Mihaela Badea, Catalin Maxim, Daniela Ghica, Marius Andruh	New coordination polymers with chromato bridges: $1_{\infty}[\text{Ni}(\text{phen})(\text{H}_2\text{O})_2(\mu\text{-O}_2\text{CrO}_2)]$ and $3_{\infty}[\text{Mn}(4,4'\text{-bipy})(\text{H}_2\text{O})(\mu\text{-O}_3\text{CrO})]\cdot\text{H}_2\text{O}$	2015	Inorg. Chim. Acta	2	2,264	426	50	54	10.1016/j.ica.2014.11.009	
23	Larisa Calu, Mihaela Badea, Mariana Carmen Chifriuc, Coralia Bleotu, Gabriela-Iulia David, Gabriela Ioniță, Luminița Măruțescu, Veronica Lazăr, Nicolae Stanică, Irina Soponaru, Dana Marinescu, Rodica Olar	Synthesis, spectral, thermal, magnetic and biological characterization of Co(II), Ni(II), Cu(II) and Zn(II) complexes with a Schiff base bearing a 1,2,4-triazole pharmacophore	2015	J. Therm. Anal. Calorim.	2	2,209	120	375	386	10.1007/s10973-014-3970-5	
24	Rodica Olar, Florentina Pătrașcu, Mariana Carmen Chifriuc, Emilia Elena Iorgulescu, Coralia Bleotu, Luminița Măruțescu, Veronica Lazar, Dana Marinescu, Nicolae Stanică, Mihaela Badea	Insight on thermal, spectral, magnetic and biologic behaviour of new Ni(II), Cu(II) and Zn(II) complexes with a pentaazamacrocyclic ligand derived from nicotinamide	2014	J. Therm. Anal. Calorim.	2	2,209	118	1159	1169	10.1007/s10973-014-3864-6	
25	Mihaela Badea, Florentina Pătrașcu, Romana Cerc Korsek, Peter Bukovec, Monica Raită, Mariana Carmen Chifriuc, Luminița Măruțescu, Coralia Bleotu, Bruno Velescu, Dana Marinescu, Valentina Uivarosi, Rodica Olar	Thermal, spectral, magnetic and biologic characterization of new Ni(II), Cu(II) and Zn(II) complexes with a hexaazamacrocyclic ligand bearing ketopyridine moieties	2014	J. Therm. Anal. Calorim.	2	2,209	118	1183	1193	10.1007/s10973-014-3857-5	
26	Mihaela Badea, Ioana Dorina Vlaicu, Rodica Olar, Madalina Constand, Coralia Bleotu, Mariana Carmen Chifriuc, Luminita Marutescu, Veronica Lazar, Maria Nicoleta Grecu, Dana Marinescu	Thermal behaviour and characterisation of new biologically active Cu(II) complexes with benzimidazole as main ligand	2014	J. Therm. Anal. Calorim.	2	2,209	118	1119	1133	10.1007/s10973-014-3745-z	
27	Mihaela Badea, Larisa Calu, Mariana Carmen Chifriuc, Coralia Bleotu, Alexandra Marin, Sebastian Ion, Gabriela Ionita, Nicolae Stanica, Luminita Marutescu, Veronica Lazar, Dana Marinescu, Rodica Olar	Thermal behaviour of some novel antimicrobials based on complexes with a Schiff base bearing 1,2,4-triazole pharmacophore	2014	J. Therm. Anal. Calorim.	2	2,209	118	1145	1157	DOI 10.1007/s10973-014-3821-4	
28	Rodica Olar, Gina Vasile Scaeteanu, Ioana Dorina Vlaicu, Luminita Marutescu, Mihaela Badea	Synthesis, physico-chemical characterization and thermal behavior of new complexes with N ₄ O ₂ donor set	2014	J. Therm. Anal. Calorim.	2	2,209	118	1195	1202	10.1007/s10973-014-3809-0	
29	Cristina Bucur, Mihaela Badea, Mariana Carmen Chifriuc, Coralia Bleotu, Emilia Elena Iorgulescu, Irinel Adriana Badea, Maria Nicoleta Grecu, Veronica Lazar, Oana-Irina Patriciu, Dana Marinescu, Rodica Olar	Studies on thermal, spectral, magnetic and biological properties of new Ni(II), Cu(II) and Zn(II) complexes with a bismacrocyclic ligand bearing an aromatic linker	2014	J. Therm. Anal. Calorim.	2	2,209	115	2179	2189	10.1007/s10973-013-3460-1	

30	Anca Dumbrava, Rodica Olar, Mihaela Badea, Maria Nicoleta Grecu, Florentina Patrascu, Luminita Marutescu, Nicolae Stanica	Synthesis and characterisation of Ni(II), Cu(II), and Zn(II) complexes with an acyclic Mannich base functionalized with thioglycolate moiety	2014	J. Therm. Anal. Calorim.	2	2,209	115	2447	2455	10.1007/s10973-013-3437-0
31	Diana-Carolina Ilies, Elena Pahontu, Sergiu Shova, Rodica Georgescu, Nicolae Stanica, Rodica Olar, Aurelian Gulea, Tudor Rosu	Synthesis, characterization, crystal structure and antimicrobial activity of copper(II) complexes with a thiosemicarbazone derived from 3-formyl-6-methylchromone	2014	Polyhedron	2	2,067	81	123	131	10.1016/j.poly.2014.05.074
32	Valentina Uivarosi, Mihaela Badea, Rodica Olar, Constantin Drăghici, Ștefania Felicia Bărbuceanu	Synthesis and characterization of some new complexes of magnesium (II) and zinc (II) with the natural flavonoid primuletin	2013	Molecules	1	3,098	18	7631	7645	10.3390/molecules18077631
33	Cristina Bucur, Romana Cerc Korošec, Mihaela Badea, Larisa Calu, Mariana Carmen Chifiriuc, Nicoleta Grecu, Nicolae Stanică, Dana Marinescu, Rodica Olar	Investigation of thermal stability, spectral, magnetic and antimicrobial behavior for new complexes of Ni(II), Cu(II) and Zn(II) with a bismacrocylic ligand	2013	J. Therm. Anal. Calorim.	2	2,209	113	1287	1295	10.1007/s10973-012-2913-3
34	Florentina Pătrașcu, Mihaela Badea, Maria Nicoleta Grecu, Nicolae Stanică, Luminița Măruțescu, Dana Marinescu, Cezar Spînu, Cristian Tigae and Rodica Olar	Thermal, spectral, magnetic and antimicrobial behaviour of new Ni(II), Cu(II) and Zn(II) complexes with a hexaazamacrocyclic ligand	2013	J. Therm. Anal. Calorim.	2	2,209	113	1421	1429	10.1007/s10973-012-2898-x
35	Ioana Dorina Vlaicu, Madalina Constand, Rodica Olar, Dana Marinescu, Maria Nicoleta Grecu, Veronica Lazar, Mariana Carmen Chifiriuc, Mihaela Badea	Thermal stability of new biologic active copper (II) complexes with 5,6-dimethylbenzimidazole	2013	J. Therm. Anal. Calorim.	2	2,209	113	1369	1377	10.1007/s10973-013-2948-z
36	Ioana Dorina Vlaicu, Rodica Olar, Dana Marinescu, Veronica Lazar, Mihaela Badea	Physico-chemical and thermal characterisation of new Co(II) complexes with pyrazole derivatives	2013	J. Therm. Anal. Calorim.	2	2,209	113	1337	1343	10.1007/s10973-013-2945-2
	Ionela Alan, Angela Kriza, Mihaela Badea, Nicolae Stanica, Rodica Olar	Synthesis and characterization of Co(II), Ni(II), Zn(II) and Cd(II) complexes with 5-bromo-N,N'-bis-(salicylidene)-o-tolidine	2013	J. Therm. Anal. Calorim.	2	2,209	111	483	490	10.1007/s10973-012-2249-y
37	Gina Vasile, Rodica Olar, Dana Marinescu, Angela Kriza, Luminita Marutescu, Mariana Carmen Chifiriuc, Mihaela Badea	Thermal study of new biologic active complexes with mixed ligands	2013	J. Therm. Anal. Calorim.	2	2,209	111	1783	1790	10.1007/s10973-012-2317-3
38	Mihaela Badea, Rodica Olar, Monica Ilis, Rodica Georgescu, Mirela Calinescu	Synthesis, characterization and thermal decomposition of new copper(II) complex compounds with clorhexidine	2013	J. Therm. Anal. Calorim.	2	2,209	111	1763	1770	10.1007/s10973-012-2316-4
39	Rodica Olar, Mihaela Badea, Monica Ilis, Ticuta Negreanu-Pirjol, Mirela Calinescu	Studies on thermal behavior of some copper(II) complex compounds with a dibiguanide ligand	2013	J. Therm. Anal. Calorim.	2	2,209	111	1189	1195	10.1007/s10973-012-2227-4
40	Larisa Calu, Rodica Olar, Mihaela Badea, Denisa Falcescu, Daria Duca, Dana Marinescu	Thermal study on complexes with Schiff base derived from 1,2,4-triazole as potential antimicrobial agents	2013	J. Therm. Anal. Calorim.	2	2,209	111	1725	1730	10.1007/s10973-012-2201-1
41	Mihaela Badea, Elica Iosub, Carmen Mariana Chifiriuc, Luminita Marutescu, Emilia Elena Iorgulescu, Veronica Lazar, Dana Marinescu, Coralia Bleotu, Rodica Olar	Thermal, spectral and antimicrobial characterization of Pd(II) complexes with ligands bearing biguanide moieties	2013	J. Therm. Anal. Calorim.	2	2,209	111	1753	1761	10.1007/s10973-012-2288-4

42	Mihaela Badea, Ana-Maria Crasanda, Mariana Carmen Chifiriuc, Luminita Marutescu, Veronica Lazar, Dana Marinescu, Rodica Olar	Synthesis, spectral and thermal study on new Fe(III) complexes with N,N-dimethylbiguanide as antibacterial agents	2013	J. Therm. Anal. Calorim.	2	2,209	111		1743	1751	10.1007/s10973-012-2277-7
43	Valentina Uivarosi, Mihaela Badea, Liviu Chirigiu, Victoria Aldea, Rodica Olar	Thermal and spectral studies of palladium(II) and platinum(IV) complexes with dithiocarbamate derivatives	2013	J. Therm. Anal. Calorim.	2	2,209	111		1177	1182	10.1007/s10973-012-2315-5
44	Ionela Alan, Angela Kriza Rodica Olar, Nicolae Stanica, Mihaela Badea	Spectral, magnetic and thermal characterisation of new Co(II), Ni(II) and Cu(II) complexes with Schiff base 5-bromo- N,N'-bis-(salicylidene)-o-tolidine	2013	J. Therm. Anal. Calorim.	2	2,209	111		1163	1171	10.1007/s10973-012-2273-y
45	Mihaela Badea, Rodica Olar, Valentina Uivarosi, Dana Marinescu, Victoria Aldea	Synthesis and characterization of some vanadyl complexes with flavonoid derivatives as potential insulin-mimetic agents	2012	J. Therm. Anal. Calorim.	2	2,209	107		279	285	DOI 10.1007/s10973-011-1413-0
46	Rodica Olar, Andreea Dogaru, Dana Marinescu, Mihaela Badea	New vanadil complexes with metformin derivatives as potential insulin mimetic agents	2012	J. Therm. Anal. Calorim.	2	2,209	110		257	262	10.1007/s10973-012-2274-x
47	Cristina Bucur, Mihaela Badea, Calu Larisa, Dana Marinescu, Maria Nicoleta Grecu, Nicolae Stanica, Mariana Carmen Chifiriuc, Rodica Olar	Thermal behavior of some new complexes with decaaza bismacrocyclic ligand as potential antimicrobial species	2012	J. Therm. Anal. Calorim.	2	2,209	110		235	241	10.1007/s10973-012-2199-4
48	Mihaela Badea, Rodica Olar, Valentina Uivarosi, Dana Marinescu, Victoria Aldea, Stefania Felicia Barbuceanu, George Mihai Nitulescu	Thermal behavior of some vanadyl complexes with flavone derivatives as potential insulin-mimetic agents	2011	J. Therm. Anal. Calorim.	2	2,209	105	2	559	564	10.1007/s10973-010-1253-3
49	Valentina Uivarosi, Mihaela Badea, Rodica Olar, Dana Marinescu, Teodor Octavian Nicolescu, George Mihai Nitulescu	Thermal degradation behavior of some ruthenium complexes with fluoroquinolone derivatives as potential antitumor agents	2011	J. Therm. Anal. Calorim.	2	2,209	105	2	645	650	10.1007/s10973-010-1222-x
50	Rodica Olar, Mihaela Badea, Dana Marinescu, Ramona Mardale	Thermal behaviour of new Cu(II) complexes with schiff bases functionalised with 1,3,5-triazine moieties as potential antibacterial agents	2011	J. Therm. Anal. Calorim.	2	2,209	105	2	553	557	10.1007/s10973-010-1132-y
51	Rodica Olar, Mihaela Badea, Dana Marinescu, Larisa Calu, Cristina Bucur	Thermal behaviour of some new complexes with bismacrocyclic ligands as potential biological active species	2011	J. Therm. Anal. Calorim.	2	2,209	105	2	571	575	10.1007/s10973-010-1226-6
52	Rodica Olar, Mihaela Badea, Dana Marinescu, Carmen Chifiriuc, Coralia Bleotu, Nicoleta Grecu, Emilia Elena Iorgulescu, Marcela Bucur, Veronica Lazar, Adriana Finaru	Prospects for new antimicrobials based on N,N-dimethylbiguanide complexes as effective agents on both planktonic and adherent microbial strains	2010	Eur. J. Med. Chem.	1	4,816	45		2868	2875	10.1016/j.ejmech.2010.03.009
53	Rodica Olar, Mihaela Badea, Dana Marinescu, Carmen Chifiriuc, Coralia Bleotu, Nicoleta Grecu, Emilia Elena Iorgulescu, Veronica Lazar	N,N-Dimethylbiguanide complexes displaying low cytotoxicity as potential large spectrum antimicrobial agents	2010	Eur. J. Med. Chem.	1	4,816	45		3027	3034	10.1016/j.ejmech.2010.03.033
54	Rodica Olar, Mihaela Badea, Dana Marinescu, Emilia Elena Iorgulescu, Eliza Frunza, Veronica Lazar, Carmen Chifiriuc	Thermal, spectral and antimicrobial study on some Cu(II) complexes with ligands bearing biguanide moieties	2010	J. Therm. Anal. Calorim.	2	2,209	99		815	821	10.1007/s10973-009-0414-8
55	Rodica Olar, Mihaela Badea, Dana Marinescu	Thermal study of some new Ni(II) and Cu(II) complexes with ligands derived from N,N-	2010	J. Therm. Anal. Calorim.	2	2,209	99		893	898	10.1007/s10973-009-0487-4

		dimethylbiguanide as potential antimicrobials									
56	E. Angelescu, R. Ionescu, O. D. Pavel, R. Zavoianu, R. Birjega, C. R. Lupulescu, M. Florea, R. Olar	Epoxidation of cyclohexene with O ₂ and isobutyraldehyde catalysed by Cobalt modified hydrotalcite	2010	J. Mol. Catal. A:Chemical	3	4,397	315	2	178	186	10.1016/j.molcata.2009.09.009
57	Mihaela Badea, Rodica Olar, Dana Marinescu, Valentina Uivarosi, Victoria Aldea, Teodor Octavian Niculescu	Thermal stability of new vanadyl complexes with flavonoid derivatives as potential insulin-mimetic agents	2010	J. Therm. Anal. Calorim.	2	2,209	99		823	827	10.1007/s10973-009-0387-7
58	Mihaela Badea, Rodica Olar, Dana Marinescu, Valentina Uivarosi, Teodor Octavian Niculescu, Daniela Iacob	Thermal study of some new quinolone ruthenium (III) complexes with potential cytostatic activity	2010	J. Therm. Anal. Calorim.	2	2,209	99		829	834	10.1007/s10973-009-0479-4
59	Valentina Uivarosi, Stefania Felicia Barbuceanu, Victoria Aldea, Corina-Cristina Arama, Mihaela Badea, Rodica Olar, Dana Marinescu	Synthesis, Spectral and Thermal Studies of New Rutin Vanadyl Complexes	2010	Molecules	1	3,098	15		1578	1589	10.3390/molecules15031578
60	Rodica Olar, Mihaela Badea, Dana Marinescu, Veronica Lazar, Carmen Chifiriuc	Thermal behaviour of new Ni(II) and Cu(II) complexes with macrocyclic ligands functionalised with 1,2,4-triazole	2009	J. Therm. Anal. Calorim.	2	2,209	97	1	315	321	10.1007/s10973-008-9650-6
61	Rodica Olar, Mihaela Badea, Dana Marinescu, Veronica Lazar, Carmen Chifiriuc	New complexes of Ni(II) and Cu(II) with Schiff bases functionalised with 1,3,4-thiadiazole: spectral, magnetic, biological and thermal characterisation	2009	J. Therm. Anal. Calorim.	2	2,209	97	1	721	727	10.1007/s10973-009-0280-4
62	Mihaela Badea, Rodica Olar, Dana Marinescu, Valentina Uivarosi, Daniela Iacob	Thermal decomposition of some biologically active complexes of ruthenium (III) with quinolone derivatives	2009	J. Therm. Anal. Calorim.	2	2,209	97	1	735	739	10.1007/s10973-009-0343-6
63	Mihaela Badea, Rodica Olar, Dana Marinescu, Veronica Lazar, Carmen Chifiriuc, Gina Vasile	Thermal behaviour of new biological active cadmium mixed ligands complexes	2009	J. Therm. Anal. Calorim.	2	2,209	97	1	781	785	10.1007/s10973-009-0344-5
64	Mihaela Badea, Rodica Olar, Dana Marinescu, Gina Vasile, Bogdan Jurca, Augustin M. Madalan, Marius Andruh	A Michael-type reaction between acrylate ions and ethylenediamine coordinated to Ni(II). Synthesis, crystal structure and magnetic properties of [Ni ₂ (EDDP) ₂ (H ₂ O) ₂ ·2H ₂ O] (H ₂ EDDP = ethylenediamine-N,N-dipropionic acid)	2009	Inorg. Chem. Comm.	2	1,810	12		555	557	10.1016/j.inoche.2009.04.019
65	Rodica Olar, Mihaela Badea, Maria Nicoleta Grecu, Dana Marinescu, Veronica Lazar, Carmen Balotescu	Copper(II) complexes with N,N-dimethylbiguanide Thermal behavior, spectroscopic and biological characterization	2008	J. Therm. Anal. Calorim.	2	2,209	92	1	239	243	10.1007/s10973-007-8767-3
66	Rodica Olar, Mihaela Badea, Oana Carp, Dana Marinescu, Veronica Lazar, Carmen Balotescu, Anca Dumbrava	Synthesis, characterisation and thermal behaviour of some thiosulfato- and sulfato copper (II) complexes. Antibacterial activity	2008	J. Therm. Anal. Calorim.	2	2,209	92	1	245	251	10.1007/s10973-007-8768-2
67	Mihaela Badea, Rodica Olar, Dana Marinescu, Gina Vasile	Thermal behavior of some new triazole derivative complexes	2008	J. Therm. Anal. Calorim.	2	2,209	92	1	209	214	10.1007/s10973-007-8766-4
68	Mihaela Badea, Rodica Olar, Dana Marinescu, Gina Vasile	Thermal stability of new complexes bearing both acrylate and aliphatic amine as ligands	2008	J. Therm. Anal. Calorim.	2	2,209	92	1	205	208	10.1007/s10973-007-8765-5
69	V. V. Grecu, S. Constantinescu, Maria Nicoleta Grecu, Rodica Olar, Mihaela Badea, Rodica Turcu	Magnetic characterization of some nanometric iron oxides	2008	Hyperfine Interact.	3	1,15	183	1-3	205	214	10.1007/s10751-008-9753-2
70	M.M. Mitache, M.C. Chifiriuc, A.Badea, O.L. Geana, M.Bucur, R. Olar, M.Badea, E. Panus, N. Roşoiu, I. Paul, T.Sesan, V. Lazăr	Novel antipathogenic strategies against adherent enterobacterial strains isolated from the hospital environment	2008	Roum. Arch. Microbiol. Immun.	4	0,08	67	1-2	43	48	
71	Rodica Olar, Mihaela Badea,	Thermal behaviour of some N,N-dimethylbiguanide	2007	J. Therm. Anal. Calorim.	2	2,209	88	2	323	327	10.1007/s10973-

	Veronica Lazar, Carmen Balotescu, Elena Cristurean, Dana Marinescu	derivatives displaying antimicrobial activity									005-8032-6
72	Mihaela Badea, Rodica Olar, Dana Marinescu, E. Segal, A. Rotaru	Thermal stability of some new complexes bearing ligands with polymerizable groups	2007	J. Therm. Anal. Calorim.	2	2,209	88	2	317	321	10.1007/s10973-006-8031-2
73	Rodica Olar, Mihaela Badea, Elena Cristurean, Carmen Parnau, Dana Marinescu	Thermal behaviour of new N,N-dimethylbiguanide complexes having selective and effective antibacterial activity	2006	J. Therm. Anal. Calorim.	2	2,209	84	1	53	58	10.1007/s10973-005-7177-7
74	Mihaela Badea, Rodica Olar, Dana Marinescu, Gina Vasile	Thermal behavior of some new complexes bearing ligands with polymerisable groups	2006	J. Therm. Anal. Calorim.	2	2,209	85	2	285	288	10.1007/s10973-005-7176-8
75	Carmen Parnau, Rodica Olar, Mihaela Badea, Angela Kriza	Thermal behavior of some new isatin complexes	2006	J. Therm. Anal. Calorim.	2	2,209	86	1	217	221	10.1007/s10973-005-7178-6
76	Ana Emandi, Mihaela Badea, Rodica Olar	The effect of Er(III) on the thermal behavior of azo (-N=N-) and azomethynic (-CH=N-) chromophores	2006	J. Therm. Anal. Calorim.	2	2,209	84	3	601	605	10.1007/s10973-005-7175-9
77	Rodica Olar, Mihaela Badea, N. Stanica, Elena Cristurean, Dana Marinescu	Synthesis, characterisation and thermal behaviour of some complexes with ligands having 1,3,4-thiadiazole moieties	2005	J. Therm. Anal. Calorim.	2	2,209	82	2	417	422	10.1007/s10973-005-0911-3
78	Mihaela Badea, Rodica Olar, Gina Vasile, Ana Emandi, Veronica Pop, Dana Marinescu	Thermal behaviour of some new chromium complexes with potential biological importance	2005	J. Therm. Anal. Calorim.	2	2,209	81	2	273	276	10.1007/s10973-005-0778-3
79	Rodica Olar, Mihaela Badea, Elena Cristurean, Veronica Lazar, Ramona Cernat, Carmen Balotescu	Thermal behavior spectroscopic and biological characterization of cobalt(II), zinc(II), palladium(II) and platinum(II) complexes with N,N-dimethylbiguanide	2005	J. Therm. Anal. Calorim.	2	2,209	80	2	451	455	10.1007/s10973-005-0676-8
80	Rodica Olar, Mihaela Badea, Dana Marinescu, Monica Iorgulescu, Stefania Stoleriu	Nickel(II) complexes with ligands resulted in condensation of N,N-dimethylbiguanide and pentane-2,4-dione: Synthesis, thermal behavior and spectroscopic characterization	2005	J. Therm. Anal. Calorim.	2	2,209	80	2	363	367	10.1007/s10973-005-0661-2
81	Mihaela Badea, Rodica Olar, Dana Marinescu, Gina Vasile	Thermal behaviour of some new acrylate complexes as a criterion in their selection for further copolymerization reaction	2005	J. Therm. Anal. Calorim.	2	2,209	80	3	683	685	10.1007/s10973-005-0714-6
82	Mihaela Badea, Rodica Olar, Dana Marinescu, Gina Vasile, Stefania Stoleriu	Thermal stability of some new complex compounds with allylacetoacetate as ligand	2005	J. Therm. Anal. Calorim.	2	2,209	80	3	679	682	10.1007/s10973-005-0713-7
83	Mihaela Badea, Rodica Olar, Dana Marinescu, Ana Emandi, Veronica Pop and Gina Vasile	Complexes with acrylate ion as ligand. I. Polynuclear chromium (III) complexes	2005	Nonlinear Optics, Quantum Optics	2	0,25	32	1-3	127	134	
84	Rodica Olar, Mihaela Badea, L. Diamandescu, Elena Cristurean, Dana Marinescu, Doina Mihaila-Tarabasanu, N. Stanica, Maria Brezeanu	Soft chemical synthesis and characterisation of some substituted ferrites	2004	J. Alloys Comp.	2	3,779	363	1-2	257	262	10.1016/S0925-8388(03)00452-3
85	Mihaela Badea, Rodica Olar, Elena Cristurean, Dana Marinescu, Anca Emandi, Mirela Calinescu, Eugen Segal	Thermal stability of some azo-derivatives and their complexes. 2. New azo-derivative pigments and their Cu(II) complexes	2004	J. Therm. Anal. Calorim.	2	2,209	77	3	815	824	10.1023/B:JTAN.0000041660.12310.c7
86	Oana Carp, Luminita Patron, D. Visan, N. Dragan, Rodica Olar	Influence of Precursor on the thermally Induced Synthesis Dysprosium Manganite with Perovskite Structure	2003	J. Therm. Anal. Calorim.	2	2,209	72	1	253	261	10.1023/A:1023992308398
87	Oana Carp, Luminita Patron, A. Ianculescu, J. Pasuk, Rodica Olar	New Synthesis Routs for Obtaining Dysprosium Manganese Perovskite	2003	J. Alloys Comp.	2	3,779	351	1-2	314	318	10.1016/S0925-8388(02)01079-4
88	Mihaela Badea, Ana Emandi, Dana Marinescu, Elena Cristurean,	Thermal stability of some azo-derivatives and their complexes. 1. 1-(2-benzthiazolyl)-3methyl-4-azo-	2003	J. Therm. Anal. Calorim.	2	2,209	72	2	525	531	10.1023/A:1024517430630

	Rodica Olar, Ana Braileanu, P. Budrugaec, E. Segal	pyrazil-5-one derivatives and their Cu(II) complexes									
89	Mihaela Badea, Rodica Olar, Dana Marinescu, Cristurean Elena, Maria Brezeanu	Polynuclear complexes of chromium (III) and M(II) (M: Mn, Co, Ni, Zn) with thiourea	2003	Rev. Roum. Chim.	4	0,37	48	12	927	937	
90	Dana Marinescu, Rodica Olar, Claudia Maria Simonescu, Lucia Ivan, P. Grandclaudon, Aurelia Meghea, N. Stanica	Complexes with amides. Part 2. Synthesis, spectroscopic, magnetic and biological characterisation of Ni(II) and Cu(II) complexes with polyfunctional amides	2002	Rev. Roum. Chim.	4	0,37	47		437	441	
91	Mihaela Badea, Rodica Olar, Elena Cristurean, Dana Marinescu, Maria Brezeanu, C. Calina-Soradi, E. Segal	Thermal stability and non-isothermal decomposition kinetics. Heteropolynuclear compounds of Cu(II)	2000	J. Therm. Anal. Calorim.	2	2,209	59	3	977	984	10.1023/A:1010147013942
92	Mihaela Badea, Rodica Olar, Elena Cristurean, Dana Marinescu, Maria Brezeanu, Marina Balasoiu, E. Segal	Thermal stability of some coordination polynuclear coordination compounds in systems Ln(III) - Co(II) - oxalate	1999	J. Therm. Anal. Calorim.	2	2,209	58	1	103	111	10.1023/A:1010131617489
93	Mihaela Badea, Rodica Olar, Maria Brezeanu, Dana Marinescu, E. Segal	Thermal stability and non-isothermal kinetic study of three coordination compounds of Cu(II)	1996	Thermochim. Acta	2	2,189	279	1-2	183	190	10.1016/0040-6031(96)90084-2
94	Maria Brezeanu, Rodica Olar, Aurelia Meghea, C. T. Supuran	1,3,4-Thiadiazole derivatives. Part 5. Heteropolinuclear complexes of 2-amino-5-mercapto-1,3,4-thiadiazole	1996	Rev. Roum. Chim.	4	0,37	41	1-2	103	107	
95	Maria Brezeanu, Rodica Olar, C. T. Supuran, N. Stanica, Maria Stoicescu	1,3,4 Thiadiazole derivatives. Part 6. Polinuclear complexes of 2-amino-5-mercapto-1,3,4-thiadiazole with Co(II) and Ni(II)	1996	Rev. Roum. Chim.	4	0,37	41	9-10	681	685	
96	Rodica Olar, Dana Marinescu, Codrina Popescu, C. T. Supuran	1,3,4-Thiadiazole derivatives. Part 7. Complexes of Pt(II) with some thiadiazole derivatives	1997	Rev. Roum. Chim.	4	0,37	42	2	111	114	
97	C.T. Supuran, C.I. Lepadatu, Rodica Olar, Aurelia Meghea, Maria Brezeanu	1,3,4-Thiadiazole derivatives. Part 4. Complexes of Cu(II) with 2-amino-5-mercapto-1,3,4-thiadiazole - a novel class of carbonic anhydrase inhibitors	1993	Rev. Roum. Chim.	4	0,37	38	12	1509	1517	

Data,
București, 23 Aprilie 2019

Semnătura,

Cursuri, capitole în monografii și enciclopedii

1. Nanoformulation as a Tool for Improve the Pharmacological Profile of Platinum and Ruthenium Anticancer Drugs în Descriptive Inorganic Chemistry Researches of Metal Compounds, Valentina Uivarosi, Rodica Olar, Mihaela Badea, Dr. Takashiro Akitsu (Ed.), InTech, 2017. DOI: 10.5772/intechopen.68306. Available from: <https://www.intechopen.com/books/descriptive-inorganic-chemistry-researches-of-metal-compounds/nanoformulation-as-a-tool-for-improve-the-pharmacological-profile-of-platinum-and-ruthenium-anticanc>.
2. Compusi coordinativi naturali, Dana Marinescu, Rodica Olar, Mihaela Badea, Ed. Univ. Buc., 2009 (ISBN 978-973-737-670-1).
3. Chimie bioanorganica – biometale, Rodica Olar, Ed. Univ. Buc., 2001 (ISBN 973-575-617-X).
4. Sistemul periodic de buzunar, Viviana Gaitanovici, Elena Mihaela Badea, Rodica Olar, Ed. Carminis Pitesti, 2001, (ISBN 973-8074-63-0).
5. Chimia metalelor. Lucrari practice de laborator, Elena Cristurean, Dana Marinescu, Ariana Antoniu, Rodica Olar, Mihaela Badea, Ed. Univ. Buc., 1998 (ISBN 973-575-277-8) (reeditare 2000).
6. Bazele Chimiei coordinative, Dana Marinescu, Rodica Olar, Mihaela Badea, Ed. Univ. Buc., 1995 (ISBN 973-575-054-6).

Publicații non – ISI

1. Rodica Olar, Mihaela Badea, Dana Marinescu, A new N,N-dimethylbiguanidium derivative – Synthesis and structural characterization, *Anal Univ. Buc.*, 19 (2010) 13-17.
2. Ioana Dorina Vlaicu, Gina Mirica, Marcela Bucur, Luminita Marutescu, Carmen Chifiriuc, Rodica Olar, Mihaela Badea, Synthesis, Physico-chemical characterization and biologic activity of a new nickel complex with 2-cyanoguanidine, *Anal Univ. Buc.*, 19 (2010) 19-22.
3. Rodica Olar, Mihaela Badea, Codruta Paraschivescu, Dana Marinescu, I. Baciuc, Complexes with amides. Part. 3. Synthesis, spectroscopic and thermal characterisation of a Cu(II) complex with 2-iodoanilide-3-chlorobenzo[b]thiophene-2-carboxylic acid, *Anal. Univ. Buc.*, (serie noua), I-II (2005) 135-140.
4. Mihaela Badea, Rodica Olar, Dana Marinescu, Elena Cristurean, Lucia Ivan, Ana Emandi, Complexes with triazole derivatives. II. Mononuclear complexes of Co(II) with 1-[methylamino-N-(o-tolyl)]-1H-benzotriazole, *Anal. Univ. Buc.*, (serie noua), I-II (2004) 139-146.
5. Elena Cristurean, Carmen Parnau, Mihaela Badea, Rodica Olar, Controlled synthesis. II. Reaction of Sn(IV) and Zr(IV) with isatin-3-tiosemicarbazone and n-metil-isatin-3-tiosemicarbazone, *Anal. Univ. Buc.*, (serie noua), I-II (2004) 155-160.
6. Ana Emandi, Mirela Calinescu, Mihaela Badea, Rodica Olar, Synthesis and characterisation of some new metal complexes of 3-nitrozo-4-hydroxy-coumarin and antranilic acid, *Anal. Univ. Buc.*, (serie noua), I-II (2004) 161-166.
7. Ana Emandi, Anca Nicolae, Mihaela Badea, Rodica Olar, Synthesis and characterisation of some new complexes of Ni(II), Cu(II), Zn(II), Cd(II) and Hg(II) with mixed ligands (nitrogen, oxygen) donor groups, *Anal. Univ. Buc.*, (serie noua), I-II (2004) 167-172.
8. Rodica Olar, Mihaela Badea, Nicolae Stanica, Elena Cristurean, Dana Marinescu, Ana Emandi, Synthesis, spectroscopic and magnetic characterisation of some nickel (II) complexes with 2-amino-1,3,4-thiadiazole-5-thiol, *Anal. Univ. Buc.*, (serie noua), I-II (2004) 185-190.
9. Rodica Olar, Mihaela Badea, Elena Cristurean, Dana Marinescu, Lucia Ivan, Irina Zarafu, Aurelia Meghea, N. Stanica, Reactions de macrocyclisation qui impliquent la formaldehyde. II. Combinaisons complexes du Co(II), Co(III) et Cu(II) avec des ligands macrocycliques obtenus lors de la condensation des polyamines alifatiques avec l'acide aminobarbiturique et la formaldehyde, *J. Univ. Chem. Tehnol. Metalurgy*, XXXVII, 5 (2002) 21-30.
10. Rodica Olar, Dana Marinescu, Elena Cristurean, Mihaela Badea, Lucia Ivan, Anca Dumbrava, Template condensation reactions. XI. Ba(II), Ni(II), Co(II) and Cu(II) complexes with the Schiff base derived from 2,2'-methylene-bis-cyclohexanone and diethylenetriamine, *Ovidius Univ. Ann. Chem.*, XIII (2002) 5-9.
11. Mihaela Badea, Rodica Olar, Dana Marinescu, Elena Cristurean, Lucia Ivan, Anca Dumbrava, Complexes with Triazole derivatives. I. Mononuclear complexes of Ni(II) and Cu(II) with 1-(methylamino-N-(o-tolyl))-1H-benzotriazole, *Ovidius Univ. Ann. Chem.*, XIII (2002) 10-13.
12. Maria Brezeanu, Elena Cristurean, Dana Marinescu, Rodica Olar, Mihaela Badea, Lanthanum and copper heteropolynuclear compounds with oxalate, *Anal. Univ. Buc.*, (serie noua), II (2002) 21-26.
13. Dana Marinescu, Elena Cristurean, Rodica Olar, Mihaela Badea, Template condensation reactions. X. Cr(III) and Co(III) complexes with a macrocyclic ligand resulting in the condensation of barbituric acid and ethylenediamine, *Anal. Univ. Buc.*, (serie noua), II (2002) 45-48.
14. Dana Marinescu, Anca Nicolae, Cristurean Elena, Mihaela Badea, Rodica Olar, Carmencita Ciomaga, Andreea Cudrici, Complexes with Schiff bases. I. Complex compounds of Mn(II), Fe(II), Cu(II), and Zn(II) with N,N'-bis(3-formyl-5-methoxy-6-hydroxy-benziliden) ethylenediamine, *Anal. Univ. Buc.*, (serie noua), II (2002) 49-56.
15. Dana Marinescu, Anca Nicolae, Mihaela Badea, Rodica Olar, Emilia Elena Iorgulescu, Carmencita Ciomaga, Complexes with dioxygen as ligand. III. Cobalt complexes with the Schiff derived from 1-formyl-2-naftol and ethylenediamine, *Anal. Univ. Buc.*, (serie noua), II (2002) 57-62.

16. Elena Cristurean, Dana Marinescu, Rodica Olar, Mihaela Badea, Aurelia Meghea, N. Stanica, Lacramioara Sarbu, Template condensation reactions. VIII. Cr(III), Ni(II) and Cu(II) complexes resulting in the system 5,5'-diethylbarbituric acid – ethylenediamine, *Anal. Univ. Buc.*, (serie noua), I (2002) 179-184.
17. Dana Marinescu, Elena Cristurean, Mihaela Badea, Rodica Olar, I. Baciu, Template condensation reactions. IX. Complex compounds of Cu(II) and Ni(II) resulting in the condensation reaction of ethylenediamine and progesterone, *Anal. Univ. Buc.*, (serie noua), I (2002) 203-208.
18. Anca Dumbrava, Rodica Olar, Irina Enache, Complex compounds with mixed ligands. II. Complex compounds of cadmium and iron with p-diaminobenzene and thiosulphate, *Anal. Univ. Ovidius Constanta*, Seria Inginerie, 12 (2001) 5-8.
19. Dana Marinescu, Elena Cristurean, Mihaela Badea, Rodica Olar, George Loloiu, Complex compounds with heterocyclic ligands. IV Complex compounds of Co(II) and Ni(II) with methyl-isatin, *Anal. Univ. Buc.*, (serie noua), X (2001) 3-8.
20. Elena Cristurean, Rodica Olar, Claudia Maria Simonescu, Lucia Ivan, A. Couture, N. Stanică, Complexes with amides. Part 1 .Synthesis, spectroscopic, magnetic and biological characterisation of mononuclear Ni(II) and Cu(II) complexes with N-(pyrid-3-yl)-thiobenzamide and N-(pyrid-3-yl)-benzamide, *Bul. I. P. B.*, 62 (3) (2000) 55-62.
21. Rodica Olar, Elena Cristurean, Dana Marinescu, Mihaela Badea, Lucia Ivan, Template condensation reactions VII. Ni(II) and Cu(II) complexes resulting in the system bisoxo-2,2'- biscyclohexylmethane - ethylenediamine, *Bul. I. P. B.*, 62 (2) (2000) 45-51.
22. Elena Cristurean, Rodica Olar, Anca Dumbrava, Template condensation reactions. V. Complex of Mn(III) resulting in the system metaphtalyc acide dichloride – triethylenetetramine, *Anal. Univ. „Ovidius” Constanta*, Seria Inginerie, XI (2000) 1-8.
23. Elena Cristurean, Rodica Olar, Anca Dumbrava, Template condensation reactions. VI. Complexes of Cr(III) resulting in the system metaphtalyc acide dichloride – triethylenetetramine, *Anal. Univ. „Ovidius” Constanta*, Seria Inginerie, XI (2000) 18-23.
24. Anca Dumbrava, Rodica Olar, F.C. Emoae, Complex compounds of Zn(II) and Cd(II) with rhodanine, *Anal. Univ. Ovidius Constanta*, Seria Inginerie, IX (1998) 5-10.
25. Anca Dumbrava, Rodica Olar, L. Iacob, Complex compounds with mixed ligands. I. Complex compounds of Zn(II) and Cd(II) with p-diaminobenzene and thiosulphate, *Anal. Univ. Ovidius Constanta*, Seria Inginerie, IX (1998) 11-17.
26. Elena Cristurean, Dana Marinescu, Lucia Ivan, Rodica Olar, Mihaela Badea, Anca Dumbrava, Template condensation reactions involving ethylenediamine and carbonyl derivatives. III. Complexes of Fe(II) and Co(II) resulting in the system bisoxo-2,2'-biscyclohexylmethane and ethylenediamine, *Anal. Univ. „Ovidius” Constanta*, Seria Inginerie, VII (1996) 1-6.
27. Elena Cristurean, Dana Marinescu, Rodica Olar, Mihaela Badea, Anca Dumbrava, Template condensation reactions involving ethylenediamine and carbonyl derivatives. IV. Complexes of Cr(III) and Co(III) resulting in the system barbituric acid – ethylenediamine, *Anal. Univ. „Ovidius” Constanta*, Seria Inginerie, VII (1996) 6-12.
28. Dana Marinescu, Elena Cristurean, Mihaela Badea, Rodica Olar, Ion Baciu, Anca Dumbrava, Complex compounds with heterocyclic ligands. II. Ni(II) and Cu(II) complexes with 2,3-dihydroxyquinoxaline, *Anal. Univ. „Ovidius” Constanta*, Seria Inginerie, VII (1996) 12-17.
29. Dana Marinescu, Elena Cristurean, Mihaela Badea, Rodica Olar, George Loloiu, Anca Dumbrava, Complex compounds with heterocyclic ligands. III. Complex compounds of Zn(II) and Cd(II) with isatin derivatives, *Anal. Univ. „Ovidius” Constanta*, Seria Inginerie, VII (1996) 17-23.
30. Dana Marinescu, Elena Cristurean, Mihaela Badea, Rodica Olar, Anca Dumbrava, Zn(II) complexes with disubstituted 1,3,4-thiadiazole, *Anal. Univ. Ovidius Constanta*, Seria Inginerie, V (1994) 17-23.
31. Dana Marinescu, Elena Cristurean, Mihaela Badea, Rodica Olar, Anca Dumbrava, Complexes of Fe(II), Ni(II) and Cu(I) with 2-amino-5-mercapto-1,3,4-thiadiazole, *Anal. Univ. Ovidius Constanta*, Seria Inginerie, vol. V (1994) 9-16.
32. Dana Marinescu, Mihaela Badea, Rodica Olar, Anca Nicolae, Template condensation reactions involving ethylenediamine and carbonyl derivatives. II. Complexes of Cr(III), Ni(II) and Cu(II) resulting in the system 5-formyl-vanillin - ethylenediamine, *Bul. I. P. B.*, 56-57 (1-4) (1994-1995) 3-9.
33. Dana Marinescu, Elena Cristurean, Rodica Olar, Mihaela Badea, Anca Nicolae, Template condensation reactions involving ethylenediamine and carbonyl derivatives. II. Complexes of Ni(II), Pd(II) and Pt(II) resulting in the system 5-formyl-vanillin - ethylenediamine, *Bul. I. P. B.*, 56-57 (1-4) (1994-1995) 11-19.
34. Dana Marinescu, Gh. Loloiu, Mihaela Badea, Rodica Olar, Anca Dumbrava, Complex compounds of Cr(III) with an isatin derivative, *Anal. Univ. Ovidius Constanta*, Seria Inginerie, vol. V , (1994) 3-8.
35. C. Supuran, Rodica Olar, Dana Marinescu, Maria Brezeanu, Enzyme mimics. I. Mimicking the interaction of inhibitors with the carbonic anhydrase active site, *Roum. Chem. Quart. Rev.*, 1 (3) (1993) 193-209.
36. Dana Marinescu , Rodica Olar, Template condensation reactions. II. Complex compounds of Co(III) and Ni(II) derived in the bis(2-pyridil)glycol - ethylenediamine system, *Bul. I. P. B. Seria Chimie - Metalurgie*, LV (1-2) (1993) 153-157.
37. Dana Marinescu, Rodica Olar, Template condensation reactions. III. Complex compounds of Co(II,III) and Ni(II) obtained in the 2,2'-pyridoine - ethylenediamine system, *Bul. I. P. B. Seria Chimie - Metalurgie*, LV (3-4) (1993) 49-55.
38. Dana Marinescu, Rodica Olar, M. Andruh, Complexes of Co(II) and Ni(II) resulting in template condensation reaction of pyridin-2,6-dicarboxylic acid with ethylenediamine, *Bul. I. P. B. Seria Chimie - Metalurgie*, LIV (1-2) (1992) 35-38.

39. Rodica Olar, Anca Dumbrava, Complex of Fe(II) with 2-amino-5-mercapto-1,3,4-thiadiazole, *Anal. Univ. „Ovidius” Constanta*, III (1992) 5-8.
40. Dana Marinescu, Lucia Ivan, Rodica Olar, Template condensation reactions involving thioamides. II. Dinuclear complexes of Co(II) and Mn(II) resulting in the systems thioamides – ethylenediamine, *Bul I. P. B. Seria Chimie - Metalurgie*, LIII (1-2) (1991) 63-68.
41. Dana Marinescu, Lucia Ivan, Rodica Olar, Template condensation reactions involving thioamides. III. Trinuclear complexes of Mn(II), Ni(II) and Zn(II) resulting in the systems thioamides ethylenediamine, *Bul I. P. B. Seria Chimie – Metalurgie*, LIII (3-4) (1991) 77-81.
42. V. V. Grecu, S. Constantinescu, Maria Nicoleta Grecu, Rodica Olar, Mihaela Badea, Rodica Turcu, Magnetic characterization of some nanometric iron oxides, ICAME 2007, Springer Berlin Heidelberg (10.1007/978-3-540-78697-9).
43. Rodica Olar, Mihaela Badea, Elena Cristurean, Veronica Lazar, Ramona Cernat, Carmen Balotescu, Combinaisons complexes du dimethylbiguanide avec Ni(II) et Cu(II). Synthèse, caractérisation spectrale et biologique, *Actes du troisieme colloque Franco-Roumain de chimie Appliquee*, Bacau, Roumanie, 22-26 sept. (2004) 100-101.
44. Mihaela Badea, Rodica Olar, Dana Marinescu, Gina Vasile, Veronica Lazar, Ramona Cernat, Carmen Balotescu, Elena Iorgulescu, Synthèse et caractérisation spectrale et biologique de combinaisons thiosulfato complexes du Ni(II), *Actes du troisieme colloque Franco-Roumain de chimie Appliquee*, Bacau, Roumanie, 22-26 sept. (2004) 592-594.
45. Rodica Olar, Mihaela Badea, Adriana Fânaru, Maria Nicoleta Grecu, Emilia Elena Iorgulescu, Dana Marinescu, Combinaisons complexes avec des ligands macrocycliques obtenus lors de la condensation de l'éthylenediamine avec tyrosine et la formaldehyde, *Actes du troisieme colloque Franco-Roumain de chimie Appliquee*, Bacau, Roumanie, 22-26 sept. (2004) 645-648.
46. Rodica Olar, Mihaela Badea, Irina Zarafu, Elena Cristurean, Dana Marinescu, 1,2,4-triazoles-1,3,5-trisubstitues. Proprietés coordinatives et stabilité thermique, *Actes du troisieme colloque Franco-Roumain de chimie Appliquee*, Bacau, Roumanie, 22-26 sept. (2004) 649-652.
47. Elena Cristurean, Dana Marinescu, Rodica Olar, Mihaela Badea, N. Stanica, Ana Emandi, Maria Brezeanu, Magnetic and morphologic characterisation of some substituted ferrites synthesised by a non-conventional method, *Organic Nanophotonics* (2003) 163-168.
48. Rodica Olar, Mihaela Badea, Elena Cristurean, Dana Marinescu, Lucia Ivan, Irina Zarafu, Anca Arnautu, Aurelia Meghea, N. Stanica, Combinaisons du Co(II, III), Cu(II) et Zn(II) avec des ligands obtenus lors de la condensation des polyamines avec l'acide barbiturique et la formaldehyde, *Colloque Franco-Roumain de chimie appliquée „COFrRoCA – 2002”*, Bacau, Roumanie, 10-12 oct. (2002) 35-40.
49. Ralu Divan, Maria Brezeanu, Ileana Cernica, Rodica Olar, Metallic thin films by photodecomposition of new inorganic precursors: Azide complexes, *Proceedings of the International Semiconductor Conference, CAS.*, vol. 1 (1999) 213-216.