

OLAR MĂRIOARA-RODICA

e-mail: rodica_m_olar@yahoo.com

Data nașterii: 12.03.1963

Poziția didactică: Conferențiar doctor

Domenii de competență:

- Obținerea și caracterizarea de combinații complexe ale metalelor tranziționale prin reacții template
- Sinteza și caracterizarea de combinații complexe cu activitate biologică (inhibitori enzimatici, combinații cu activitate de tip enzimatic, combinații complexe cu activitate antimicrobiană)
- Obținerea de nanomateriale din clasa oxizilor și sulfurilor simple și mixte prin metode neconvenționale
- Analiza termică a combinațiilor complexe

Cursuri predate:

Compuși anorganici în chimioterapie (anul III Biochimie tehnologică)

Interacția sistemelor anorganice cu biomoleculele (anul I master Biomolecule)

Lucrări științifice publicate

1. **Rodica Olar**, Mihaela Badea, Maria Nicoleta Grecu, Dana Marinescu, Veronica Lazar, Carmen Balotescu
„Thermal behavior , spectroscopic and biological characterization of copper(II) complexes with N,N-dimethylbiguanide,,
J. Therm. Anal. Calor., **92** (1) (2008) 239-243.
2. **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 „
J. Therm. Anal. Calor., **92** (1) (2008) 245-251.
3. Mihaela Badea, **Rodica Olar**, Dana Marinescu, Gina Vasile
„ Thermal behavior of some new triazole derivative complexes „
J. Therm. Anal. Calor., **92** (1) (2008) 209-214.
4. Mihaela Badea, **Rodica Olar**, Dana Marinescu, Gina Vasile
„Thermal stability of new complexes bearing both acrylate and aliphatic amine as ligands „
J. Therm. Anal. Calor., **92** (1) (2008) 205-208.
5. V. V. Grecu, S. Constantinescu, Maria Nicoleta Grecu, **Rodica Olar**, Mihaela Badea, Rodica Turcu

- „Magnetic characterization of some nanometric iron oxides”
Hyperfine Interact., **183** (1-3) (2008) 205–214.
6. **Rodica Olar**, Mihaela Badea, Veronica Lazar, Carmen Balotescu, Elena Cristurean, Dana Marinescu
„Thermal behaviour of some N,N-dimethylbiguanide derivatives displaying antimicrobial activity,,
J. Therm. Anal. Calor., **88** (2007) 323-327.
7. Mihaela Badea, **Rodica Olar**, Dana Marinescu, E. Segal, A. Rotaru
Thermal stability of some new complexes bearing ligands with polymerizable groups
J. Therm. Anal. Calor., **88** (2007) 317-321.
8. **Rodica Olar**, Mihaela Badea, Elena Cristurean, Carmen Parnau, Dana Marinescu
„Thermal behaviour of new N,N-dimethylbiguanide complexes having selective and effective antibacterial activity,,
J. Therm. Anal. Calor., **84**(1)(2006) 53-58.
9. Mihaela Badea, **Rodica Olar**, Dana Marinescu, Gina Vasile
„Thermal behavior of some new complexes bearing ligands with polymerisable groups,,
J. Therm. Anal. Calor., **85** (2006) 285-288.
10. Carmen Parnau, **Rodica Olar**, Mihaela Badea, Angela Kriza
„Thermal behavior of some new isatin complexes,,
J. Therm. Anal. Calor., **86** (2006) 217-221.
11. Ana Emandi, Mihaela Badea, **Rodica Olar**
„The effect of Er(III) on the thermal behavior of azo (-N=N-) and azomethynic (-CH=N-) chromophores,,
J. Therm. Anal. Calor., **84** (2006) 601-5.
12. **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,,
J. Therm. Anal. Calor., **82** (2005) 417-422.
13. Mihaela Badea, **Rodica Olar**, Gina Vasile, Ana Emandi, Veronica Pop, Dana Marinescu
„Thermal behaviour of some new chromium complexes with potential biological importance,,
J. Therm. Anal. Calor., **81** (2005) 273-276.
14. **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”
J. Therm. Anal. Calor., **80** (2005) 451-455.
15. **Rodica Olar**, Mihaela Badea, Dana Marinescu, Monica Iorgulescu, Stefania Stoleriu
„Synthesis, thermal behavior and spectroscopic characterization of nickel(II) complexes with ligands resulted in condensation of N,N-dimethylbiguanide and pentane-2,4-dione”
J. Therm. Anal. Calor., **80** (2005) 363-367.
16. Mihaela Badea, **Rodica Olar**, Dana Marinescu, Gina Vasile
„Thermal behaviour of some new acrylate complexes as a criterion in their selection for further co-polymerization reaction”
J. Therm. Anal. Calor., **80** (2005) 683-685.
17. Mihaela Badea, **Rodica Olar**, Dana Marinescu, Gina Vasile, Stefania Stoleriu
„Thermal stability of some new complex compounds with allylacetoacetate as ligand”
J. Therm. Anal. Calor., **80** (2005) 679-682.
18. **Rodica Olar**, Mihaela Badea, Codruta Paraschivescu, Dana Marinescu, I. Baci
„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.
19. **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”
J. Alloys Comp., **363** (2004) 257-262.
20. 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”
J. Therm. Anal. Calor., **77** (3) (2004) 815-824.
21. Mihaela Badea, **Rodica Olar**, Dana Marinescu, Ana Emandi, Veronica Pop and Gina Vasile
„Complexes with acrylate ion as ligand. I. Polynuclear chromium (III) complexes”
Nonlinear Optics, Quantum Optics **32** (1-3) (2004) 127-134.
22. 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)]-1-H-benzotriazole”
Anal. Univ. Buc., (serie noua), **I-II** (2004) 139-146.

23. 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.
24. 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.
25. 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.
26. **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.
27. Oana Carp, Luminita Patron, D. Visan, N. Dragan, **Rodica Olar**
„Influence of Precursor on the thermally Induced Synthesis Dysprosium Manganite with Perovskite Structure”
J. Therm. Anal. Calor., **72** (2003) 253-261.
28. Oana Carp, Luminita Patron, A. Ianculescu, J. Pasuk, **Rodica Olar**
„New Synthesis Routs for Obtaining Dysprosium Manganese Perovskite”
J. Alloys Compd., **351** (2003) 314-318.
29. Mihaela Badea, Ana Emandi, Dana Marinescu, Elena Cristurean, **Rodica Olar**, Ana Braileanu, P. Budrugaec, E. Segal
„Thermal stability of some azo-derivatives and their complexes. 1. 1-(2-benzthiazolyl)-3methyl-4-azo-pyrazil-5-one derivatives and their Cu(II) complexes”
J. Therm. Anal. Calor., **72** (2003) 525-531.
30. 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”
Rev. Roum. Chim., **48** (12) (2003) 927.
31. 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.

Rev. Roum. Chim., **47** (2002) 437-441.

32. **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.
33. **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.
34. 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.
35. 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.
36. 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.
37. 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.
38. 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.
39. 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.
40. Dana Marinescu, Elena Cristurean, Mihaela Badea, **Rodica Olar**, I. Baci
 „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.
41. 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.
42. 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.
43. Elena Cristurean, **Rodica Olar**, Claudia Maria Simonescu, Lucia Ivan, A. Couture, N. Stanica
 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.
44. **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.
45. 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.

46. Elena Cristurean, **Rodica Olar**, Anca Dumbrava
„Template condensation reactions. VI. Complexes of Cr(III) resulting in the system metaphtalyc acid dichloride - triethylenetetramine”
Anal. Univ. „Ovidius” Constanta, Seria Inginerie, **XI** (2000) 18-23.
47. 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)”
J. Therm. Anal. Calor., **59** (2000) 977-984.
48. 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”
J. Therm. Anal., **58(1)** (1999) 103-111.
49. 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.
50. 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.
51. Mihaela Badea, **Rodica Olar**, Maria Brezeanu, Dana Marinescu, E. Segal
„Thermal stability and non-isothermal kinetic study of three coordination compounds of Cu(II)”
Thermochim. Acta, **279** (1996) 183-190.
52. Dana Marinescu, Mihaela Badea, **Rodica Olar**, Anca Nicolae
„Complex compounds of V(III, IV) with ligands derived from vanillin”,
Anal. Univ. Buc., anul **V**(serie noua) (1996) 3-8.
53. 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”
Rev. Roum. Chim., **41** (1-2) (1996) 103-107.
54. 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)”
Rev. Roum. Chim., **41** (9-10) (1996) 681-685.
55. 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'-bisicylohexylmethane and ethylenediamine”
Anal. Univ. „Ovidius” Constanta, Seria Inginerie, VII (1996) 1-6.
56. 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.
57. 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.
58. 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.
59. **Rodica Olar**, Dana Marinescu, Codrina Popescu, C. T. Supuran
 „1,3,4-Thiadiazole derivatives. Part 7. Complexes of Pt(II) with some thiadiazole derivatives”
Rev. Roum. Chim. **42** (2) (1997) 111-114.
60. 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.
61. 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.
62. 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.
63. 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.
64. 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.
65. 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.
66. 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, **LIV** (1-2) (1993) 153-157.
67. 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, **LIV** (3-4) (1993) 49-55.
68. 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”
Rev. Roum. Chim., **38** (12) (1993) 1509-1517.
69. 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.
70. Maria Brezeanu, **Rodica Olar**, Gh. Manole, C. T. Supuran

„1,3,4-Thiadiazole derivatives. Part 1. Zn(II) and Hg(II) coordination compounds of 2-amino-5-mercapto-1,3,4-thiadiazole as enzyme inhibitors”

Rev. Roum. Chim., **37** (4) (1992) 425-431.

71. **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.

72. 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.

73. 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.

Cărți

1. Chimie bioanorganică – biometale, **Rodica Olar**, Ed. Univ. Buc., 2001 (ISBN 973-575-617-X)

2. Sistemul periodic de buzunar, Viviana Gaitanovici, Elena Mihaela Badea, **Rodica Olar**, Ed. Carminis Pitesti, 2001, (ISBN 973-8074-63-0)

3. Chimia metalelor, Elena Cristurean, Dana Marinescu, Ariana Antoniu, **Rodica Olar**, Mihaela Badea, Ed. Univ. Buc., 2001 (ISBN 973-575-277-8)

4. Chimie coordinativă, Dana Marinescu, **Rodica Olar**, Mihaela Badea, Ed. Univ. Buc., 2001 (ISBN 973-575-054-6)