

## Lista cărților publicate în perioada 2009-2013

### 2013

#### Cărți la edituri CNCSIS - 2

1. Toxicologie: Aplicatii in protectia mediului, industrie, agricultura si criminalistica, G. Drochioiu, R. V. Gradinaru, I. M. Risca, I. Mangalagiu, Ed. Universitatii "Al. I. Cuza" Iasi, 2013.
2. *Doina Humelnicu*, Al. Cecal – Introducere in Chimie nucleara, Ed. Tehnopress, Iasi, 2013, 280 pag, ISBN – 978-973-702-989-8

#### Capitole de cărți la edituri internaționale - 3

1. DROCHIOIU, G. SILVER-INDUCED CONFORMATIONAL CHANGES OF POLYPEPTIDES. IN *ENCYCLOPEDIA OF METALLOPROTEINS*. (EDITORS: KRETSINGER, R. H., UVERSKY, V. N., PERMYAKOV, E. A.), SPRINGER VERLAG, 2013. ISBN 978-1-4614-1532-9 [HTTP://WWW.SPRINGERREFERENCE.COM/DOCS/HTML/CHAPTERDBID/358367.HTML](http://www.springerreference.com/docs/html/chapterdbid/358367.html)
2. **Birsa, M. L.**, *Carbanions and Electrophilic Aliphatic Substitution in Organic Reaction Mechanisms 2011*, Knipe, A. C. Ed., John Wiley and Sons, Chichester, 2013, in press.
3. **Birsa, M. L.**, *Elimination Reactions in Organic Reaction Mechanisms 2011*, Knipe, A. C. Ed., John Wiley & Sons, Chichester, 2013, in press.

### 2012

#### Capitole de cărți la edituri internaționale - 4

1. Rezlescu, N., Rezlescu, E., Doroftei, C., Popa, P.D., Ignat, M., „*Semiconducting spinel ferrite powders prepared by self-combustion method for catalyst applications*”, *Proceedings of the International Semiconductor Conference, CAS 2 (2012)*, art. no. 6400782, pp. 287-290.
2. **Birsa, M. L.**, *Carbanions and Electrophilic Aliphatic Substitution in Organic Reaction Mechanisms 2010*, Knipe, A. C. Ed., John Wiley and Sons, Chichester, 2012, 265-284.
3. **Birsa, M. L.**, *Elimination Reactions in Organic Reaction Mechanisms 2010*, Knipe, A. C. Ed., John Wiley & Sons, Chichester, 2012, 285-297.
4. Belei, D., Abuhaie, C., Bicu, E., Jones, P. G., Hopf, H., **Birsa, M. L.**, “*A Direct Synthesis of Octahydropyrrolo[2,1,5-cd]indolizin-6-one Derivatives*”, *Synlett*, **2012**, 545-548.

#### Capitole de cărți la edituri CNCSIS -1

1. Cucu-Man, S., Tarcau (Dragan), D., Buhaceanu, R. Biomonitoring the atmospheric deposition of heavy metals and persistent organic pollutants: general aspects and a case study (Eastern Romania), in C. Zaharia Ed., Current topics, concepts and research priorities in environmental chemistry, Editura Universitatii „Alexandru Ioan Cuza” Iasi, 2012, 43-70.

2011

**Cărți la edituri CNCSIS - 5**

1. Cecilia Arsene and Romeo Iulian Olariu, Research on microtrace in criminality, AIT Laboratories, 978-606-8363-09-7x1, 185 pp, **2011**.
2. Ionel Mangalagiu, **Ramona Danac**, Costel Moldoveanu, Gheorghita Zbancioc, Judiciary Chemistry and Toxicology. Judiciary Separatology, „AIT –SRL Laboratory”Ed., Bucuresti **2011**. (217 pag.) (ISBN: 978-606-8363-09-7x2).
3. **C. Ghirvu, I. Humelnicu**, “**Introducere în Chimia cuantică – Principii și metode generale**”, Ed. **Matrix Rom, București, 2011, 731 pagini, ISBN: 978-973-755-740-7**
4. Introducere in laboratorul de biochimie: de la teorie la experiment, R. V. Gradinaru, G. Drochioiu, Ed. Universitatii “Al. I. Cuza” Iasi, 2011.
5. **MURARIU, M., DROCHIOIU, G., DRAGAN, E. S. SINTEZA DE PEPTIDE ȘI INTERACȚIUNEA ACESTORA CU METALELE GRELE. EDIT. TEHNOPRESS, IAȘI, 2011, 245 PAG. ISBN: 978-973-702-851-8**

**Capitole de cărți la edituri internaționale - 9**

1. **Birsa, M. L.**, *Carbanions and Electrophilic Aliphatic Substitution in Organic Reaction Mechanisms 2007*, Knipe, A. C. Ed., John Wiley and Sons, Chichester, 2011, 239-264.
2. **Birsa, M. L.**, *Elimination Reactions in Organic Reaction Mechanisms 2007*, Knipe, A. C. Ed., John Wiley & Sons, Chichester, 2011, 265-274.
3. **Birsa, M. L.**, *Elimination Reactions in Organic Reaction Mechanisms 2008*, Knipe, A. C. Ed., John Wiley & Sons, Chichester, 2011, 253-266.
4. **Birsa, M. L.**, *Carbanions and Electrophilic Aliphatic Substitution in Organic Reaction Mechanisms 2008*, Knipe, A. C. Ed., John Wiley and Sons, Chichester, 2011, 225-252.
5. **Birsa, M. L.**, *Carbanions and Electrophilic Aliphatic Substitution in Organic Reaction Mechanisms 2009*, Knipe, A. C. Ed., John Wiley and Sons, Chichester, 2011, 309-332.
6. **Birsa, M. L.**, *Elimination Reactions in Organic Reaction Mechanisms 2009*, Knipe, A. C. Ed., John Wiley & Sons, Chichester, 2011, 333-344.
7. Vione, D., Minero, C., Maurino, V., Olariu, R.I., Arsene, C., Mostofa, K.M.G., Photoinduced Transformation Processes in Surface Waters, pp. 309-332, Chapter 9, in Photochemistry: UV/VIS Spectroscopy, Photochemical Reactions and Photosynthesis, Maes, K.J., Willems, J.M., Eds., Series Chemical Engineering Methods and Technology, ISBN: 978-1-61209-506-6, Imprint: Nova Press, **2011**.
8. Alexa, Iuliana Florentina; Ignat, Maria; Sunel, Valeriu; Popovici, Evelini, “*In vitro controlled - release of nanobiomaterials based on captopril*”– Proceedings of the 5<sup>th</sup> International FEZA Conference, 969-970 (2011), ISBN: 978-84-8363-722-7 (electronic), Ref. editorial: 6029
9. A. Cecal, Doina Humelnicu - Hydrogen Output from Catalyzed Radiolysis of Water, in Nuclear Power - Deployment, Operation and Sustainability, Eds. Dr. Pavel Tsvetkov, Texas A&M University, USA, 2011, p.481-509, ISBN: 978-953

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**Cărți la edituri CNCSIS - 4**

1. N. Cornei, D. Humelnicu, “Exercitii si probleme de chimie anorganica” Ed. Performantica, Iasi, ISBN: 978-973-730-685-2, 2010.
2. M. Dumitraș, A. Bîrzu, “Cinetică chimică. Capitole speciale”, Matrix Rom, București, 2010
3. Petru Bogdan, “Metodele termodinamice”, Editura UAIC, Iași, 2010 (editor).
4. **I. ASAFTEL, N. Bâlbă, Gh. Iofcea**, „**ZEOLIȚII ÎN PROCESSE CATALITICE**”, Editura Ecozone, Iași, ISBN: 978-973-7645-70-8, Iași 2010, 670 pg.

## Capitole de cărți la edituri internaționale - 6

1. **Birsa, M. L.**, *Carbanions and Electrophilic Aliphatic Substitution in Organic Reaction Mechanisms 2006*, Knipe, A. C. Ed., John Wiley & Sons, Chichester, 2010, 277-306.
2. **Birsa, M. L.**, *Elimination Reactions in Organic Reaction Mechanisms 2006*, Knipe, A. C. Ed., John Wiley & Sons, Chichester, 2010, 307-316.
3. Viorica Dulman, Simona-Maria Cucu-Man, Chapter 9. Wood sawdust, tree bark and wood chips: Waste lignocellulosic materials for dye removal, In: Sorption processes and pollution, Grégorio Crini and Pierre-Marie Badot (Eds.), Presses universitaires de Franche-Comté, 2010, ISBN 978-2-84867-304-2, 233-270.
4. Maria Ignat, Cristina Păstravanu, Evelini Popovici, "**Mesoporous Carbon Pipes – Suitable Materials for Photocatalytic Supports**", *Proceedings of the International Semiconductor Conference, CAS 2*, art. no. 5650615, 2010, pp. 379-382.
5. Maria Ignat and Evelini Popovici, "**Layered Porous Carbons Based on Montmorillonitic Structure**" în cartea "*Synthesis and Characterization of Nanostructured Materials*", ©Macmillian Publishers India Limited, Advanced Research Series, eds. V. Rajendran, B. Hillbrands, K. Saminathan, K.E. Geckeler, 411-416 (2010), ISBN: 0230-33193-9.
6. Roxana Popovici, Maria Ignat, Aurica Farcas, Evelini Popovici, Victor A. Voicu, "**New Design of Controlled Captopril-Release System Based on Captopril/Calix[8]arene Inclusion Complex**" în cartea "*Processes and Characterization of advanced Nanostructured Materials*", ©Macmillian Publishers India Limited, Advanced Research Series, eds. V. Rajendran, B. Hillbrands, N. Meenakshisundaram, K.E. Geckeler, 159-164 (2010), ISBN: 0230-33199-8.

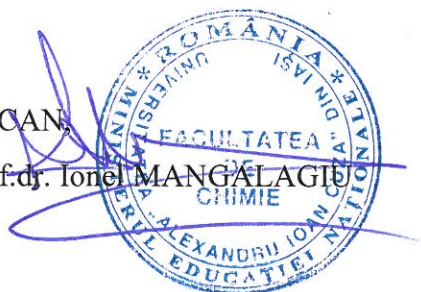
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## Cărți la edituri CNCSIS - 8

1. Ed. Demiurg MATERIALE NANOSTRUCTURATE AVANSATE - prezent și viitor. Volumul II. Materiale Nanoporoase, 218
2. Viorica Dulman, Simona Maria Cucu-Man, Rodica Mureșan, Metode neconvenționale de sorbție a unor coloranți, Casa Editorială Demiurg, ISBN 978-973-152-170-1, 2009, 302 pag.
3. Dorina Iurea, Gheorghită Zbancioc, Geanina Mangalagiu, Ionel Mangalagiu, **Steroide: compusi naturali și analogi de sinteză. Vol. 2**, Editura Universității „Al. I. Cuza”-Iași, 2009. ISBN: 978-973-703-451-9.
4. Cecilia Arsene and Romeo Iulian Olariu, Understanding atmospheric chemistry of hydrocarbons. An introductory approach, 177 p., ISBN: 978-973-702-657-6, TEHNOPRESS, Iasi, 2009.
5. Cecilia Arsene and Romeo Iulian Olariu, Analytico-statistical methods in the investigation of chemical systems, 241 p., ISBN: 978-973-730-606-7, PERFORMANTICA, Iasi, 2009.
6. Danut Gabriel Cozma, **Aurel Pui**, *Didactica Chimiei; teorie și aplicații*, Ed. Performantica, 2009.
7. Viorica Dulman, Simona Maria Cucu-Man, Rodica Mureșan, Metode neconvenționale de sorbție a unor coloranți, Casa Editorială Demiurg, ISBN 978-973-152-170-1, 2009, 302 pag.
8. IV<sup>th</sup> Vol.: **SPECIAL NANOSTRUCTURED MATERIALS: NANOTUBES**, Eveline Popovici, Maria Ignat Rudei, Ed. DEMIURG, 2009, ISBN: 978-973-152-164-0, 233 pages, collection: **ADVANCED NANOSTRUCTURED MATERIALS. Present and future** (ISBN: 978-973-152-001-8)

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