

Lista lucrarilor stiintifice – Badea Mihaela

CARTI/CAPITOLE CARTI

1. Cărți - edituri nationale – cu ISBN – autor/coautor- de la ultima promovare (2007)

1. **Badea M.**, Coman Gh., *Biofizica. Tehnici de laborator*. Ed Lux Libris, Brasov 2015, ISBN – 978-973-131-327-6; 61 pagini
2. **Badea M.**, Coman Gh., *Noțiuni introductive de biochimie si biofizică medicală*, vol.1, Ed Lux Libris, Braşov, 2014, 130 pg. ISBN 978-973-131-309-2; ISBN 978-973-131-307-8
3. Coman Gh., **Badea M.**, Paraschiv G., *Biochimie descriptivă si metabolica*, Ed Universitatii Transilvania din Brasov, 2015, ISBN 978-606-19-0625-3
4. Coman Gh., **Badea M.**, *Elemente de chimie analitică*, Editura Univ.Transilvania din Braşov, 2015, ISBN:978-606-19-0560-7, 148 pag.
5. Coman Gh, **Badea M.**, *Biochimie, Editia a II-a*, Editura Universitatii Transilvania din Brasov, 2014, Brasov, 320 pg, ISBN-9780606-19-0446-4
6. Manciu I., Coman Gh., Tica R., Dumitrescu L., **Badea M.**, *Teste grila de chimie organica*, Editura Universitatii Transilvania din Brasov, 2013, 199pg.; ISBN – 978-606-19-0298-9
7. Coman Gh, **Badea M.**, Bâgiu N., Vâlceanu A., *Biochimie clinică: enzimologie*, Editura Universităţii "Transilvania" Braşov, 2012, 344 pg, ISBN 978-606-19-0120-3
8. Coman Gh., Draghici C., **Badea M.**, Bigiu N., Ciurea C., *Biochimie ilustrata* (sub redactia Gh. Coman), Ed Universitatii Transilvania din Brasov, 2011, 205 pg., ISBN 978-973-598-909-5
9. Coman Gh., Drăghici C., **Badea M.**, Bîgiu N., Ciurea C, *Biochimie descriptivă*, Ed. Univ. Transilvania, Braşov, 2009, 597 pg; ISBN 978-973-598-567-7

2. Capitole cărți - edituri internationale cu ISBN autor/coautor - de la ultima promovare (2007)

1. **Badea M.**, Pascu A.M., Nicolae R.A., Taus N., Nunes G.S., Moga M.A., *Possible errors in electrochemical detection of blood glucose*, In Sensing in Electroanalysis, Vol. 8 (K. Kalcher, R. Metelka, I. Švancara, K. Vytřas; Eds.), pp. 115–123. 2013/2014 University Press Centre, Pardubice, Czech Republic, ISBN 978-80-7395-782-7 (print); ISBN 978-80-7395-783-4 (pdf);
<http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
2. **Badea M.**, Veregut V., Popescu B., Popovici B., Mitrica M., Neica L., Nunes G.S., Moga M., *Probiotics in medicine and methods with electrochemical detection*, In Sensing in Electroanalysis, Vol. 8 (K. Kalcher, R. Metelka, I. Švancara, K. Vytřas; Eds.), pp. 125–132. 2013/2014 University Press Centre, Pardubice, Czech Republic, ISBN 978-80-7395-782-7 (print); ISBN 978-80-7395-783-4 (pdf);
<http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
3. **Badea M.**, Idomir M., Florescu M., Rogozea L., *Electrochemical sensing in telemedicine* (A Review), in Sensing in Electroanalysis, Vol. 6 (K. Kalcher, R. Metelka, I. Švancara, K. Vytřas; Eds.), pp. 149-156, 2011, University Press Centre, Pardubice, Czech Republic. ISBN 978-80-7395-434-5 (printed); ISBN 978-80-7395-435-2 (on-line);
<http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
4. **Badea M.**, Florescu M., Coman Gh., Chesca A., Marty J.L., *Comparative studies for pollutants detection using electrochemical sensors and enzyme-based biosensors*, in Sensing in Electroanalysis, vol.4, Karel Vytras, Kurt Kalcher, Ivan Svancara (Eds.), Ed. University of Pardubice, Pardubice, 2009, p.165-180; ISBN 978-80-7395-212-9
<http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
5. **Badea M.**, Florescu M., Coman Gh., Taus N., Marty J.L., *Characterization of electrochemical sensors and enzymatic methods used for ascorbic acid detection*, in Sensing in Electroanalysis, vol.4, Karel Vytras, Kurt Kalcher, Ivan Svancara (Eds.), Ed. University of Pardubice, Pardubice, 2009, p.155-164; ISBN 978-80-7395-212-9
<http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
6. **Badea M.**, Taus N., Potrovita M., Nicolau A., Dumitrescu L., Sechel G., Moarcas M., *Heavy metals*

- influence in living bodies using enzymatic, immunohistochemical and chromatographic detections*, In: Environmental Science and Technology, 2008 (vol.1), George Sorial and Jihua Hong, Eds., American Science Press, Houston, USA, Page 389-396, 2008, [ISBN 978-0976885306](#)
7. **Badea M.**, Taus N., Potrovita M., Moarcas M., *Mycotoxins influence in living bodies using enzymatic and immunohistochemical detections*, In: Environmental Science and Technology, 2008 (vol.1), George Sorial and Jihua Hong, Eds., American Science Press, Houston, USA, Page 397-404 (2008) [ISBN 978-0976885306](#)
 8. **Badea M.**, Rogozea L., *Society for the Environment, Healthy Nutrition and Public Health*, In: Environmental Science and Technology, 2008 (vol.2), George Sorial and Jihua Hong, Eds., American Science Press, Houston, USA, Page 321-328, 2008, [ISBN 978-0976885320](#)
 9. **Badea M.**, Rogozea L., Idomir M., Taus N., Balaban D.P., Marty J.L., Noguer T., Nunes G.S., *Biosensors for Life Sciences*, in "Environmental Technologies. New Developments", Edited by Burcu Ozkaraova Gungor, I-Tech Education and Publishing, Viena, pg. 1-24, 2007, [ISBN 978-3-902613-10-3](#)
 10. Iordache N., Jufa A., Irimie M., Idomir M., Pascu A., Floroian L., Nunes G.S., **Badea M.**, *The ultraviolet radiation effects on biological systems* In: New trends in monitoring and diagnosis for health sciences, Badea M. si Floroian L. (editori), Editura: LAP Lambert Academic Publishing, OmniScriptum GmbH&Co.KG, 2015, Saarbrucken, Germania, pag.131-140, [ISBN – 978-3-659-7699-1](#) <https://www.morebooks.de/store/gb/book/new-trends-on-monitoring-and-diagnosis-for-health-sciences/isbn/978-3-659-77699-1>
 11. Idomir M., Nemet C., **Badea M.**, *Considerations regarding the pathogenic role, frequency and distribution of multiresistant bacteria in hospitalized patients* In: New trends in monitoring and diagnosis for health sciences, Badea M. si Floroian L. (editori), Editura: LAP Lambert Academic Publishing, OmniScriptum GmbH&Co.KG, 2015, Saarbrucken, Germania, pag. 61-76, [ISBN – 978-3-659-7699-1](#) <https://www.morebooks.de/store/gb/book/new-trends-on-monitoring-and-diagnosis-for-health-sciences/isbn/978-3-659-77699-1>
 12. Balaban D., Petcu L.C., **Badea M.**, Basa M., Grigorian M., Badea V., Caraiane A., *Assessment of salivary enzymes activities for monitoring chronic periodontitis patients* In: New trends in monitoring and diagnosis for health sciences, Badea M. si Floroian L. (editori), Editura: LAP Lambert Academic Publishing, OmniScriptum GmbH&Co.KG, 2015, Saarbrucken, Germania, pag. 77-94, [ISBN – 978-3-659-7699-1](#) <https://www.morebooks.de/store/gb/book/new-trends-on-monitoring-and-diagnosis-for-health-sciences>
 13. Dima L., Rogozea L., Miclaus R., **Badea M.**, Pascu A., *Telemedicine uses in pharmacology and drug use*. In: New trends in monitoring and diagnosis for health sciences, Badea M. si Floroian L. (editori), Editura: LAP Lambert Academic Publishing, OmniScriptum GmbH&Co.KG, 2015, Saarbrucken, Germania, pag. , [ISBN – 978-3-659-7699-1](#) www.morebooks.de/store/gb/book/new-trends-on-monitoring-and-diagnosis-for-health-sciences/isbn/978-3-659-77699-1
 14. Vasilescu A., Vezeanu A., **Badea M.**, *Electrochemical Impedance Spectroscopy Investigations Focused on Food Allergens*, In Sensing in Electroanalysis, Vol. 8 (K. Kalcher, R. Metelka, I. Švancara, K. Vytřas; Eds.), pp. 59-83. 2013/2014 University Press Centre, Pardubice, Czech Republic, [ISBN 978-80-7395-782-7](#) (print); [ISBN 978-80-7395-783-4](#) (pdf); <http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
 15. Buzea V., Florescu M., **Badea M.**, *Detection of Heavy Metals in Biological Samples through Anodic Stripping Voltammetry*, in: Sensing in Electroanalysis, Vol. 7, Kalcher K., Metelka R., Švancara I., Vytřas K. (Eds.), University Press Centre, Pardubice (Czech Republic), 2012; p.57-69, [ISBN 978-80-7395-563-2](#) (printed version); [ISBN 978-80-7395-564-9](#) (on-line <https://e-shop.upce.cz/>); <http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
 16. Veregut V., Florescu M., **Badea M.**, *Classic and Modern Methods for Detection of Serotonin*, in: Sensing in Electroanalysis, Vol. 7, Kalcher K., Metelka R., Švancara I., Vytřas K. (Eds.), University Press Centre, Pardubice (Czech Republic), 2012; p.97-106, [ISBN 978-80-7395-563-2](#) (printed version); [ISBN 978-80-7395-564-9](#) (on-line <https://e-shop.upce.cz/>); <http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
 17. David M., **Badea M.**, Florescu M., *Performance evaluation of acetylcholinesterase - based biosensors for heavy metal detection*, in: Sensing in Electroanalysis, Vol. 6 (Kalcher K., Metelka R., Švancara I., Vytřas K.; Eds.), pp. 337-346. 2011 University Press Centre, Pardubice, Czech Republic. [ISBN 978-80-7395-434-5](#) (printed); [ISBN 978-80-7395-435-2](#) (on-line); <http://dSPACE.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>

18. Svancara I., Florescu M., Stoces M., Baldrianova L., Svobodova E., **Badea M.**, *Carbon Paste Electrodes Modified with a Reaction Product Obtained by Hydrolysis of an Antimony (III) Salt*, in Sensing in Electroanalysis, Vytras K., Kalcher K., Svancara I. (Eds), vol 5, Ed. of University of Pardubice, (2010), p.109-125, ISBN 978-80-7395-348-5,
<http://dspace.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>
19. Nunes G.S., **Badea M.**, *Electrochemical Sensors based on Oxidoreductases Working with NAD(P) Coenzymes for Food Quality Control*, in Sensing in Electroanalysis, vol.4, Vytras K., Kalcher K., Svancara I. (Eds.), Ed. University of Pardubice, Pardubice, 2009, ISBN 978-80-7395-212-9, p.181-196;
<http://dspace.upce.cz/browse?type=author&order=ASC&rpp=20&value=Badea%2C+Mihaela>

C. Capitole carti - edituri nationale – cu ISBN – autor/coautor - de la ultima promovare (2007)

1. **Badea M.**, Iacob A., Marty J.L., Agache I., Gavris C., Pascu A., Coman Gh., Floroian L., Moga M., Radoi M., *The impact of environmental air pollution on public health*, In: Challenges in medicine, food control and environmental, Floroian L., Badea M. (Editori), Ed. Universitatii Transilvania din Brasov, 2015, pag 90-108, ISBN: 987-606-19-0591-1
2. **Badea M.**, Moga M.A., Grigorescu D., Rogozea L., *Classic and Modern Monitoring Tools in Telemedicine*, In Telemonitoring and Telediagnostic for Life Sciences, Editors Badea M., Rogozea L., Marty J.L., Ed Lux Libris Brasov, 2013, pg 26-42, ISBN 978-973-131-231-6
3. **Badea M.**, *Immunoassay - Past and Future Trends in Human Diagnosis*, in Diagnostic Methods in Human Pathology, Edited by Chesca A., Transilvania University Press, Brasov, 2012, pg 97-110, ISBN 978-606-19-0059-6
4. **Badea M.**, Coman Gh., *Immunochemical methods. Direct immunoassay*, in My first book on analytical biochemistry, Badea M., Florescu M. (Editors), Transilvania University Press, 2010, pg 87-94; ISBN 978-973-598-743-5
5. **Badea M.**, *Indirect immunoassay*, in My first book on analytical biochemistry, Badea M., Florescu M. (Editors), Transilvania University Press, 2010, pg 95-103; ISBN 978-973-598-743-5
6. **Badea M.**, Coman Gh., *Immunoassays. Principles. Direct Techniques*, in Bioanalytical methods for life sciences. Immunochemical methods. Applied bioanalytical methods in medicine, food control and environmental protection, Badea M., Florescu M., Coman Gh. (Editors), Ed. Univ. Transilvania din Brasov, 2010, pg. 7-17, ISBN - 978-973-598-724-4,
7. **Badea M.**, *Immunoassays. Indirect Techniques*, in "Bioanalytical methods for life sciences. Immunochemical methods. Applied bioanalytical methods in medicine, food control and environmental protection", Badea M., Florescu M., Coman Gh. (Editors), Ed. Univ. Transilvania din Brasov, 2010, pg. ISBN - 978-973-598-724-4, 18-29
8. **Badea M.**, Munteanu C., *Rapid Tests Used in Life Sciences*, in "Bioanalytical methods for life sciences. Immunochemical methods. Applied bioanalytical methods in medicine, food control and environmental protection", Badea M., Florescu M., Coman Gh. (Editors), Ed. Univ. Transilvania din Brasov, 2010, pg. ISBN - 978-973-598-724-4, 202-208
9. Jufa A., Iordache N., Floroian L., Pascu A., **Badea M.**, *Microwaves – help for people or source of health problems?*, In: Challenges in medicine, food control and environmental, Floroian L., Badea M. (Editori), Ed. Universitatii Transilvania din Brasov, 2015, pag 74-89, ISBN: 987-606-19-0591-1
10. Simon M., Moga M., Buzescu M., Floroian L., **Badea M.**, *Study on respiratory allergens*, In Sensing-Monitoring-Telediagnosis for Life Sciences. Vol.1. Medical Sciences, Badea M., Floroian L., Moga M. (Editori), Editura Universitatii Transilvania din Brasov, 2014, pg.208-213; ISBN 978-6060-19-0388-7 gen. ISBN 978-606019-0389-4 vol.I.
11. Faraian C., Floroian L., Coman Gh., Nunes G.S., Moga M., **Badea M.**, *Cadmium and lead detection using electrochemical methods*, In Sensing-Monitoring-Telediagnosis for Life Sciences, Vol. 2. Food and Environment, Badea M., Floroian L., Moga M. (Editori), 2014, pg. 156-167, ISBN 978-6060-19-0388-7 gen. ISBN 978-606019-0390-0 vol.II.
12. Rogozea L., **Badea M.**, *Ethical Dilemmas in Telemedicine*, In Telemonitoring and Telediagnostic for Life Sciences, Editors Badea M., Rogozea L., Marty J.L., Ed Lux Libris Brasov, 2013, pg 16-25, ISBN 978-973-131-231-6

13. Rogozea L., **Badea M.**, *History of Telemedicine*, In Telemonitoring and Telediagnostic for Life Sciences, Editors Badea M., Rogozea L., Marty J.L., Ed Lux Libris Brasov, 2013, pg.6-14, ISBN 978-973-131-231-6
14. Coman Gh., **Badea M.**, *Applications of bioanalytical methods on medicine and environmental protection*, in My first book on analytical biochemistry, Badea M., Florescu M. (Editors), Transilvania University Press, 2010, pg. 132-146, ISBN 978-973-598-743-5
15. Taus N., Enache M., Bodeanu O., **Badea M.**, Taus L., Enache D.V., Dima L., *Oxidative Status Monitoring Using SOD Detection*, in Bioanalytical methods for life sciences. Immunochemical methods. Applied bioanalytical methods in medicine, food control and environmental protection, Badea M., Florescu M., Coman Gh. (Editors), Ed. Univ. Transilvania din Brasov, 2010, pg. 123-134, ISBN - 978-973-598-724-4
16. Coman Gh., **Badea M.**, *Bioanalytical Methods in Medical Applications*, in Bioanalytical methods for life sciences. Immunochemical methods. Applied bioanalytical methods in medicine, food control and environmental protection, Badea M., Florescu M., Coman Gh. (Editors), Ed. Univ. Transilvania din Brasov, 2010, pg. 69-83, ISBN - 978-973-598-724-4

D. Carte de specialitate - editura internationala – cu ISBN – coordonator/editor - de la ultima promovare (2007)

1. **Badea M.**, Floroian L., *New trends in monitoring and diagnosis for health sciences*, Editura: LAP Lambert Academic Publishing, OmniScriptum GmbH&Co.KG, 2015, Saarbrucken, Germania, ISBN 978-3-659-7699-1 <https://www.morebooks.de/store/gb/book/new-trends-on-monitoring-and-diagnosis-for-health-sciences/isbn/978-3-659-77699-1>

E. Carti edituri nationale – monografii/cărți de specialitate – coordonator/editor - de la ultima promovare (2007)

1. **Badea M.**, Floroian L., Moga M. (Editori), *Sensing-Monitoring-Telediagnosis for Life Sciences, Vol. 1 Medical Sciences*, Ed. Universitatii Transilvania din Brasov, 2014, 213 pg; ISBN 978-606-19-0388-7 gen; ISBN 978-606-19-0389-4 vol I.
2. **Badea M.**, Rogozea L., Marty J.L. (Editori), *Telemonitoring and Telediagnostic for Life Sciences*, Ed Lux Libris, Brasov, 2013, 222 pg., ISBN 978-973-131-231-6
3. **Badea M.**, Florescu M., (Editors), *My first book on bioanalytical methods*, Ed. Universitatii Transilvania din Brasov, Brasov, 2010, 204 pg., ISBN 978-973-598-743-5
4. **Badea M.**, Florescu M., Coman Gh. (Editors), *Bioanalytical Methods for Life Sciences. Immunochemical methods. Applied Bioanalytical Methods in Medicine, Food Control and Environmental Protection*, Ed. Universitatii Transilvania din Brasov, Brasov, 2010, 208 pg., ISBN 978-973-598-724-4
5. **Badea M.**, Florescu M. (Editors), *Bioanalytical Methods for Life Sciences. Chromatography. Sensors and Biosensors*, Ed. Universitatii Transilvania din Brasov, Brasov, 2010, 142pg., ISBN 978-973-598-723-7
6. **Badea M.**, Florescu M. (Editors), *Multilanguages Glossary of Keywords specific to Bioanalytical Methods for Life Sciences*, Ed. Universitatii Transilvania din Brasov, Brasov, 2010, 152pg, ISBN 978-973-598-725-1
7. Floroian L., **Badea M.**, Moga M. (Editori), *Sensing-Monitoring-Telediagnosis for Life Sciences, Vol.2 Food and Environment*, Ed. Universitatii Transilvania din Brasov, 2014, 167 pg., ISBN 978-606-19-0388-7 gen; ISBN 978-606-19-0390-0 vol II.
8. Floroian L., **Badea M.**, *Challenges in medicine, food control and environmental*, Ed. Universitatii Transilvania din Brasov, 2015, ISBN: 987-606-19-0591-1

F. Carti de rezumate conferinte internationale – editor

1. **Badea M.**, Floroian L., Restani P., Marty J.L., *New Trends on Sensing-Monitoring-Telediagnosis for Life Sciences, NT SMT-LS 2015, Book of abstracts*, Lux Libris Publishing House, 2015, 144 pagini, ISBN 978-973-131-328-3

2. **Badea M.**, Moga M., Restani P., Marty J.L., *New Trends on Sensing-Monitoring-Telediagnosis for Life Sciences, NT SMT-LS 2014, Book of abstracts*, Lux Libris Publishing House, 2014, 152 pagini; ISBN 978-973-131-280-4
3. Florescu M., **Badea M.**, Marty J.L., Raicu V.(Editori), *Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences : Second International Conference, IC-ANMBES 2012*, Brasov, May 24th-27th, 2012, Book of abstracts, Editura Universitatii Transilvania din Brasov, ISBN 978 - 606 - 19 - 0072 - 5, Nr Pagini: 120
4. Restani P., **Badea M.**, *Healthy Nutrition and Public Health, Book of Abstracts IC HNPH 2011*, Transilvania University Press, 2011, ISBN 978-973-598-896-8; 81 pagini
5. Florescu M., **Badea M.**, Marty J.L., Raicu V.(Editori), *Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences: First International Conference, IC-ANMBES 2010*, Brasov, June 18th-20th, 2010, Book of abstracts, Editura Universitatii Transilvania din Brasov, ISBN 978 - 973 - 598 - 722 - 0, Nr Pagini: 147

ARTICOLE ISI

- A.1. Title: Ochratoxin A Detection on Antibody- Immobilized on BSA-Functionalized Gold Electrodes
Author(s): **Badea M.**, Floroian L., Restani P., Cobzac SC., Moga M.,
Source: *PLoS One*. Volume: 11 Number 7; Pages:e0160021. Published 2016 Jul 28
doi: 10.1371/journal.pone.0160021. eCollection 2016; ISSN: 1932-6203
Accession Number: WOS:000381516100090
IF(2015) = 3.057
- A.2. Title: Simple surface functionalization strategy for immunosensing detection of aflatoxin B1
Author(s): **Badea M.**, Floroian L., Restani P., Moga M.,
Source: *International Journal of Electrochemical Science*, Volume: 11, Pages: 6719 – 6734, Published: 2016 July 7
ISBN: 1452-3981; doi: 10.20964/2016.08.21
IF(2015) = 1.693
- A.3. Title: Evaluation of Ag containing hydroxyapatite coatings to the Candida albicans infection
Author(s): Ciuca S., **Badea M.** *, Pozna E., Kiss A., Floroian L., Cotrut C.M., Moga M., Vladescu A.,
Source: *Journal of Microbiological Methods*, Volume: 125, Pages: 12–18 Published: 2016 Mar 25
doi: 10.1016/j.mimet.2016.03.016.
ISSN: 0167-7012; eISSN: 1872-8359
Accession Number: WOS:000376702200003
IF(2015)= 1.857
- A.4. Title: Influence of Ag content on the antibacterial properties of SiC doped hydroxyapatite coatings
Author(s): **Badea M.**, Braic M., Kiss A., Moga M., Pozna E., Pana I., Vladescu, A.,
Source: *Ceramics International* Volume: 42 Issue: 1 Pages: 1801-1811 Published: 2016
DOI: 10.1016/j.ceramint.2015.09.143; ISSN: 0272-8842; eISSN: 1873-3956
Accession Number: WOS:000365367000102
IF(2015)=2.758
- A.5. Title: Direct determination of methyl parathion insecticide in rice samples by headspace solid-phase microextraction-gas chromatography-mass spectrometry
Author(s): da Silva, D.F., Paiva S., Francisco E., Silva Fernanda G.S., Nunes G.S., **Badea M.**,
Source: *Pest Management Science* Volume: 71 Issue: 11 Pages: 1497-1502 Published: 2015
DOI: 10.1002/ps.3953; PubMed ID: 25472732; ISSN: 1526-498X; eISSN: 1526-4998
Accession Number: WOS:000362558800003
IF(2015)=2.811
- A.6. Title: Heavy metals monitoring using TLC
Author(s): **Badea M.**, Moga M., Taus N., Bigiu N., Cobzac S. C.,
Source: *Journal of Environmental Protection and Ecology* Volume: 10 Issue: 4 Pages: 1006-1012
Published: 2009
ISSN: 1311-5065
Accession Number: WOS:000273955600011
IF(2015)=0.734; IF (2009) = 0,169
- A.7. Title: Biosensors for organophosphorus and carbamates pesticides detection from water samples
Author(s): **Badea M.**, Idomir M., Taus N., Popescu C., Scortea R., Coman Gh., Nunes G. S., Marty J. L.,
Source: *Journal of Environmental Protection and Ecology* Volume: 9 Issue: 1 Pages: 33-42 Published: 2008
ISSN: 1311-5065
Accession Number: WOS:000255086100004
IF(2015)=0.734
- A.8. Title: Methyl paraoxon detection using HPLC-UV and electric eel acetylcholinesterase-based biosensors
Author(s): **Badea M.**, Bala C., Rotariu L., Coman Gh., Gocan S., Marty J.L.,
Source: *Journal of Environmental Protection and Ecology* Volume: 9 Issue: 4 Pages: 763-772 Published: 2008
ISSN: 1311-5065
Accession Number: WOS:000263036700005
IF(2015)=0.734

- A.9. Title: Potential applications of enzyme nanoreactors
 Author(s): Coman Gh., **Badea M.**,
 Source: Environmental Engineering and Management Journal Volume: 10 Issue: 2 Pages: 213-217
 Published: 2011
 ISSN: 1582-9596
 Accession Number: WOS:000289827100008
 IF(2015)=1.008
- A.10. Title: Environmental factors in congenital abnormalities
 Author(s): Moga M., Ples L., Bigiu N., Manitiu I., **Badea M.**,
 Source: Journal of Environmental Protection and Ecology Volume: 12 Issue: 3A Pages: 1375-1382
 Published: 2011
 ISSN: 1311-5065
 Accession Number: WOS:000208898800020
 IF(2015)=0.734
- A.11. Title: Untitled
 Author(s): Florescu M., **Badea M.**,
 Source: Analytical Letters Volume: 44 Issue: 18 Pages: 2841-2842 Published: 2011
 DOI: 10.1080/00032719.2011.582557; ISSN: 0003-2719
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=AuthorFinder&qid=4&SID=4CdEdOgss2rVcZBUttT&page=1&doc=12
 Accession Number: WOS:000298081200001
 IF(2015)=1.088; IF (2011)= 1.016
- A.12. Title: Multidisciplinary collaboration for environmental protection using biosensors. Detection of organophosphate insecticides in aqueous medium
 Author(s): **Badea M.**, Romanca M., Drăghici C., Marty J. L., Marques C. V. V. C. O., Mendes D. R., Amarante Jr. O. P., Nunes G. S.,
 Source: *Journal of the Brazilian Chemical Society* Volume: 17 Issue: 4 Pages: 807-811 Published: 2006
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