

Curriculum Vitae
Personal information



First name(s)/Surname(s) **BUTNARIU, Monica**

Address(es) Calea Aradului (Street), no. 119, Timisoara, Timis County

Telephone(s)/Fax(es) +400256277464/+400256200269 E-mail: monicabutnariu@yahoo.com/monica_butnariu@usab-tm.ro

Date of birth 07/03/1971

Nationality Romanian

Gender Female

Desired employment / Occupational field *Full Professor, habilitated doctor, chemist, Chemistry & Biochemistry Discipline, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara*

Work experience Teaching chemistry and biochemistry plant (specific disciplines). *Research Interests:* Chemistry and Analytical Biochemistry; Research on natural compounds/active principles of plants; environment protection, develop approaches for chemical characterization of plants/plant mixtures using different methods.

Dates 27 September 2014–present

Occupation or position held Full Professor

Main activities and responsibilities Teaching includes activities broader than classroom instruction; evaluate the training requirements of the student (tips and processes to ensure work-related skills, techniques and knowledge) research activity.

Name and address of employer Chemistry/Vegetal Biochemistry, USAMVB Timisoara

Type of business or sector Field of educational (volitional mediators of cognitive-behavior-consistency) applicants from different chemistry specific disciplines chemistry/biochemistry of plant.

Dates 1 March 1998–1 March 2003, 1 March 2003–1 March 2005, 1 March 2005–1 October 2008, 1 October 2008–27 September 2014, 27 September 2014–present

Occupation or position held Preparatory, Assistant Professor, Lecturer, Associate Professor

Main activities and responsibilities Teaching includes activities broader than classroom instruction; evaluate the training requirements of student (tips/processes to ensure work-related skills, techniques and knowledge), research activity.

Name and address of employer Chemistry/Vegetal Biochemistry, USAMVB Timisoara

Type of business or sector Field of educational (volitional mediators of cognitive-behavior-consistency) applicants from different chemistry specific disciplines chemistry/biochemistry of plant.

Education and training July 12, 2013, Habilitation thesis "*Identification and quantification of biocompounds in life science and applied biotechnology areas, aimed at sustainable development*"

Dates 1 October, 2011–1 June 2012

Title of qualification awarded Postdoctoral Studies: "*Formulation and evaluation of dermato-cosmetic products*" field of dermato-cosmetic sciences, chemical quality, toxicity of cosmetics, galenics, formulation, efficacy of dermatologic or cosmetic

Name and type of organisation providing education and training "Victor Babes" University of Medicine and Pharmacy of Timisoara

Dates 1 October, 2010–1 June 2011

Title of qualification awarded Postgraduate specialization: "*Pollution, environmental protection and management*" Materials Science and Engineering Faculty, Dissertation thesis: "*Evaluation some plant species for tolerance to heavy metals and bio monitoring*"

Name and type of organisation providing education and training "Transylvania" University, Brasov, Materials Science and Engineering Faculty,

Dates 1999–2005

Title of qualification awarded PhD in sciences (Agronomy (Agrochemistry–science of chemical compositions and changes involved in the production, protection, and use of crops and livestock))

Principal subjects/occupational skills covered thesis "*Researches on the heavy metals content in the Banat's soils and the consequences on the environment*"

Name/type of organisation providing education/ training Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara

Dates 1 October, 1997–1 June 1999
 Title of qualification awarded Postgraduate specialization: Master magister
 Principal subjects/occupational skills covered Master in *Technologies of Non-Pollutant Processes* with the dissertation work: "*Studies concerning the process of elimination of the phosphate ion through ionic exchange*"
 Name and type of organisation providing education and training Polytechnic University Timisoara, Industrial Chemistry and Environmental Engineering Faculty,

Dates 1992–1997
 Title of qualification awarded Bachelor of science
 Principal subjects/occupational skills covered I attended specialization chemistry and related activities
 Name and type of organisation providing education and training West University, Chemistry–Biology–Geography Faculty, Chemistry Specialty, Bachelor of science (BSc)

Personal skills and competences

Mother tongue(s) **Romanian**

Self-assessment European level	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	proficient user	proficient user	proficient user	proficient user	proficient user
FRENCH					

Social skills and competences Written and verbal communication skills, at university level usually and generally excellent communication abilities at different levels. Qualities and skills to set easy personal relationships and to be an agreeable interlocutor. The general knowledge, the relation capacity and self-control, perspicacity in the noticing the essence of the phenomena, straightforwardness and spontaneity in action and adaptability for new situations. Availability to work, energy, responsibility, sincerity and seriousness, uses its knowledge of human relationships to impose and develop self-esteem.

Organisational skills and competences Actions of planning/ coordinating of research or consulting activities with students in of practical training and for prepare for graduate study. Organizing of academic conferences, various presentations, keynote speaker on a panel, also panel discussions on various issues and workshops.
Editor, reviewer and member of editorial board several international journals.

Technical skills and competences Instrumental analysis techniques specific quantitative determinations typical chemical disciplines, specific (ChemDraw, Chemical Structure Drawing Software, Multimedia Chemistry Educational Softwar etc.) and some types of equipment that are used for detection of chemical compounds.

Computer skills and competences The use of the general computer (Word Programme, Excel and the Internet, etc.)

Artistic skills and competences 5 patents [RO122836-B1, RO125201-A2, RO122952-B1, RO122834-B1 and RO12293-B1 (<http://apps.who.int/knowledge.com>), and more than 15 gold/silver medals in different fairs and exhibitions National (Bucharest, Iasi and Cluj) and International (Geneva, Bruxelles, Zagreb, Seul, and Budapest) (<http://www.ancs.crc/articol1764/instrumente-suport-larguri-si-expozitie-medalii-si-premi>), Evaluator CNCSIS, CEEX, PNCD 2 and PF7. Expert Capacities–Module III. RNE, C₉–Biotechnologies (8). Evaluator projects H2020, ETHICAL REVIEW IN H2020, Ethics experts for SME-INSTRUMENT-2_2016, H2020-SMEINST-2-2016-2017_13-10-2016, Ethics Expert, H2020-MSCA-IF-2016, H2020-MSCA-ITN-2017, (Participant Portal–EX2012D125018).

Trainings / international collaborations and post-academic courses:

- Sep, **2006**–training course carried out by the National Institute of Research (INRA), Centre de Recherche Toulouse, **Toulouse France**.
- March **2007**–Advanced HACCP Course–Auditing and maintaining a functional HACCP system, **United States Department of Agriculture**.
- May, **2007**–Persistent pollution Course: Past, Present and Future–Reconstruction for the assessment of state and changes in the meteo–marine environment, GKSS Summer School, Institute of Coastal Research Centre; **Luneburg, Germany**.
- July **2007**, 3rd Summer School of Environmental Chemistry and Ecotoxicology Course 2007, organized de RECETOX, **Brno, Czech**.
- March **2008**, Course of Validation of the laboratory chemical methods, A/461/2008, **ASRO–Romania**;
- July **2008**, REP–LECOTOX 1st Ecotoxicogenomics: the challenge of integrating genomics/proteomics/metabolomics into aquatic, terrestrial ecotoxicology, **Novi Sad, Serbia**.

Other skills and competences	<p>Membership in professional bodies: Society of Chemistry Romania, Society Biochemistry and Molecular Biology. International Society of Environmental Bio indicators (ISEBI). BAFN (http://www.europartnersearch.net/bafn/database/Fact_sheet_researcher.php?Numero=3346) American Nano Society–Full Members (http://members.nanosociety.us/monicabutnariu/); Biochemical Society/Portland Press Ltd, London, UK–Full Members (http://www.omicsonline.org/searchresult.php?keyword=Monica+Butnariu&search=Go); International Carotenoid Society–Full Members (http://www.carotenoidsociety.org/user/monicabutnariu) Ambassadors Basel Declaration for Advances in human and veterinary medicine through animal experiments (http://www.basel-declaration.org/basel-declaration-society/ambassadors/), Council for Nutritional and Environmental Medicine (CONEM) (http://www.conem.org/people/butnariubio/), ESPEN–The European Society for Clinical Nutrition and Metabolism (http://www.espen.info/EspenWebsite/EspenMember/my_profile cms.aspx) Italo–Latin American Society of Ethnomedicine (http://www.silae.it/eng/ceitron/laq/art_eec), American Chemical Society.</p>
Additional information	<p>Research Experience (References point to my list of publications and projects). (https://uefiscdi-direct.ro/brain/index.php?&q=butnariu+monica, https://uefiscdi-direct.ro/brain/index.php?&q=butnariu+monica, and http://ad-astra.ro/author/monicabutnariu/) Researcher ID: E–7217–2010; and Other IDs: Scopus Author ID: 15070536800: (https://www.scopus.com/authid/detail.uri?authorid=15070536800); ORCID: http://orcid.org/0000-0002-2032-5000. h–index: h Web of Science =18, h SCOPUS=10 and h Google Scholar Citations (h–index=18, i10–index=24)</p>
Representatives books	<p>Monica BUTNARIU, et al. (2012). [<i>Compendium of Forage Technical Terms in English, French and Romanian</i>]. Cambridge Scholars Publishing Ltd. ISBN (13):978–1–4438–3623–4; ISBN (10):1–4438–3623–0. (http://www.cambridgescholars.com/compendium-of-forage-technical-terms-in-english-french-and-romanian-16). pp.365. Monica BUTNARIU, A Butu, (2013) Functions of collateral metabolites produced by some actinomycetes in the Book "Microbial pathogens and strategies for combating them: science, technology and education", Formatex Research Center, Badajoz, Spain, (http://www.formatex.info/microbiology4/vol2/1419-1425.pdf). Monica BUTNARIU, (2014), Chemical Composition of Vegetables and Their Products, DOI: 10.1007/978–3–642–41609–5_17–1, (http://link.springer.com/referenceworkentry/10.1007/978-3-642-41609-5_17-1) pp. 1–49, Handbook of Food Chemistry, Publisher Springer Berlin Heidelberg, ISBN: 978–3–642–36604–8. (Romanian Academy Award 2016 (http://www.acad.ro/premiileAR/liste/2014.pdf)) BUTNARIU, Monica (2014), Markers, Indicators of Soil Pollution, DOI:10.1007/978–94–017–9499–2_22, pp 343–364, Book Title: Environmental Indicators, Publisher Springer Netherlands, Print ISBN: 978–94–017–9498–5 (http://link.springer.com/chapter/10.1007/978-94-017-9499-2_22) Monica BUTNARIU, (2015), The Effects on Plants by the Insecticides Obtained from Petroleum By–Products, pp. 77–108, Petroleum Engineering Vols. I & II, Petrochemical, Petroleum Engg./Chemical Technology, 2, Studium Press LLC USA., ISBN: ISBN: 1–62699–041–7, (Set 2 Vols.) ISBN: 1–62699–047–6</p>
Interdisciplinary National/ European Science Project incorporating Research and Education Experience	<p>Project Director: Assessment of metal content heavy soils with plants bio indicator and recovery them for therapeutic purposes. (2006–2008), (http://www.cnmp.ro/ceex/comp2_oct/oferta.php?id=11) CEEX–ET: 1466/4/04.2006. Biotechnology for obtaining bio–products resulting from Plant indicators of recovery metals in soil. (2006–2008), CEEX–ET: 5899/18.09.2006. (http://www.cnmp.ro/ceex/comp2_2006/oferta.php?id=17). Environmental–biochemical cooperation for prognosis of natural water and soil pollution in the Hungarian–Romanian cross–border region to shun catastrophe. (2009–2011). (European fund–ERDF), (http://www.huro-cbc.eu/en/project_info/88?month=5&year=2011). 1th April, 2013–31th March 2015, TAMOP–4.1.1 C–12/1/KONV–2012–0012 "GREEN ECONOMY COOPERATION" OU762–27–61, financed EU, develop higher education on field of Environmental Science, to start new collaboration with foreign scientific institutions on this field. Co–Principal Investigators Project: Impact of functional food enriched with bioactive components antioxidants on quality of life Breast cancer. (2006–2008). Spleen Phosphates landfill guano that fixates of ammonium and Transition metal–based studio of secondary phosphate soils amended with polyphosphates. (2006–2008). Study of synergic bioactivity of antioxidant functional foods for reversibility of the metabolic syndrome MET–ANTIOX. (http://www.cnmp.ro/ceex/comp1/oferta.php?id=543) (2006–2008). Magnetic and optical tenable nanomaterials with controlled porosity obtained by sol–gel method and sono–synthesis, potentially applicable in environmental protection, biology and medicine. (http://www.cnmp.ro/ceex/comp1/oferta.php?id=320) (2006–2008). Impact of multicomponent functional foods in control of obesity and atherosclerosis, Antiatero–Alim. (2006–2008) (http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=2433).</p>

List of journal publications with journal Impact Factor for each publication

- 1) Gabor, A. Davidescu, C.M. Negrea, A. Ciopec, M. Muntean, C. Negrea, P. Ianasi, C. **BUTNARIU, M.** Magnesium silicate doped with environmentally friendly extractants used for rare earth elements adsorption. *Desalination and Water Treatment* (ISSN:1944–3994), 63 (2017) v–vii, DOI: 10.5004/dwt.2017.20173, Published: FEB 2017, Pages: 124–134, **IF(2015): 1.272.**
- 2) Negrea, A; Ciopec, M; Negrea, P; Motoc, M; Hulka, I; Sarac, I; Petrescu, I; Vasileva, V. **BUTNARIU, M.** Studies Regarding the Use of Ash from Pyrolysis Rubber as an Amendment to Soils Used to Cover Waste Dumps, with *Phalaris Arundinacea*, *Revista de chimie*, (ISSN: 0034–7752), Volume: 67, Issue: 11, Pages: 2164–2169, Published: NOV 2016, **IF(2015): 0.956.**
- 3) Gabor, A; Davidescu, CM; Negrea, A; Ciopec, M; Negrea, P; **BUTNARIU, M.** Separation of La(III) Using Functionalized Material on Fixed Bed Column, *Revista de chimie*, (ISSN: 0034–7752), Volume: 67, Issue: 11, Pages: 2225–2227, Published: NOV 2016, **IF(2015): 0.956.**
- 4) Pentea, M. Hulea, C. Stancu, A. **BUTNARIU, M.** Cristina R.T. Developing the Plastination Laboratory for the Technique S10, *Materiale Plastice*. Volume: 53. Issue: 1. Pages: 150–152, **2016, IF(2014): 0.820.**
- 5) **BUTNARIU, M.** Sarac, I. Pentea, M. Samfira, I. Negrea, A. Motoc, M. Buzatu, AR. Ciopec M. Approach for Analyse Stability of Lutein from *Tropaeolum majus*, *Revista de chimie*, (ISSN: 0034–7752), Volume:67, Issue: 3, Pages: 503–506, 2016, **IF(2015): 0.956.**
- 6) Gabor, A.E. Davidescu, C.M. Negrea, A. Ciopec, M. Ianasi, C. Muntean, C. Negrea, P. **BUTNARIU, M.** Lanthanum Separation from Aqueous Solutions Using Magnesium Silicate Functionalized with Tetrabutylammonium Dihydrogen Phosphate. *Chem. Eng. Data*, (ISSN: 0021–9568, Ar ASAP, DOI: 10.1021/acs.jced.5b00687 Volume: 61, Issue: 1, Pages: 535–542, Accession Number: WOS: 000368564600061, American Chemical Society) Published: JAN 2016, **IF(2014): 2.037.** (Quartile in Category-Q2).
- 7) Negrea, P. Caunii, A. Sarac, I. **BUTNARIU, M.** The study of infrared spectrum of chitin and chitosan extract as potential sources of biomass. *Digest journal of nanomaterials and biostructures*, (ISSN: 1842–3582, Volume 10, Number 4, Pages: 1129–1138, Accession No: WOS: 000366264800003, October–December 2015), Times Cited: 3 (from Web of Science Core Collection) **IF(2014): 0.945.**
- 8) **BUTNARIU, M.** Negrea, P; Lupa, L; Ciopec, M; Negrea, A; Pentea, M; Sarac, I; Samfira, I. Remediation of Rare Earth Element Pollutants by Sorption Process Using Organic Natural Sorbents. *International journal of environmental research and public health*, (ISSN: 1660–4601. Volume: 12, Issue: 9, Pages: 11278–11287, DOI: 103390/ijerph120911278, Accession No: WOS: 000361889100051, PubMed ID: 26378553, Published: SEP 2015), Times Cited: 4 (from Web of Science Core Collection), **IF(2014): 2.063.** (Quartile in Category-Q2, principal author/corresponding author).
- 9) Virteiu, A.M; Stef, R; Grozea, I; **BUTNARIU, M.** Allelopathy potential of *Aesculus hippocastanum* extracts assessed by phytobiological test method using *Zea mays*. *Environmental engineering and management journal*, (ISSN: 1582–9596, eISSN: 1843–3707. Volume: 14, Issue: 6, Pages: 1313–1321, Accession No: WOS: 000360500200009, Published: JUN 2015), Times Cited: 2 (from Web of Science Core Collection) **IF(2014): 1.065.**
- 10) Ciopec, M; Negrea, A; Pentea, M; Samfira, I. Motoc, M; **BUTNARIU, M.** Studies Concerning the Immobilisation and Stabilization of the Mining Landfills. *Revista de chimie*, (ISSN: 0034–7752. Volume: 66, Issue 5, Pages: 645–653, Accession Number: WOS: 000355126000011, Published: MAY 2015) Times Cited: 4 (from Web of Science Core Collection), **IF(2014): 0.810.**
- 11) Samfira, I; Rodino, S; Petrache, P; Cristina, R.T; Butu, M; **BUTNARIU, M.** Characterization and identity confirmation of essential oils by mid infrared absorption spectrophotometry. *Digest journal of nanomaterials and biostructures*, (ISSN: 1842–3582. Volume: 10, Issue: 2, Pages: 557–565, Accession Number: WOS: 000357261800002, Published: APR–JUN 2015), Times Cited: 3 (from Web of Science Core Collection) **IF(2014): 0.945.**
- 12) **BUTNARIU, M.** Samfira, I; Sarac, I; Negrea, A; Negrea, P. Allelopathic effects of *Pteridium aquilinum* alcoholic extract on seed germination and seedling growth of *Poa pratensis*. *Allelopathy journal*, (ISSN: 0971–4693, eISSN: 0974–1240. Volume: 35, Issue: 2, Pages: 227–236, Accession No: WOS: 000357105400008, Published: APR 2015), Times Cited: 3 (from Web of Science Core Collection) **IF(2014): 0.523.**
- 13) Caunii, A; Butu, M; Rodino, S; Motoc, M; Negrea, A; Samfira, I; **BUTNARIU, M.** Isolation and Separation of Inulin from *Phalaris arundinacea* Roots. *Revista de chimie*, (ISSN: 0034–7752. Volume: 66. Issue: 4, Pages: 472–476. Accession No: WOS: 000354914500007, Published: APR 2015). Times Cited: 6 (from Web of Science Core Collection), **IF(2014): 0.810.**
- 14) Butu, A; Rodino, S; Golea, D; Butu, M; Negoescu, C; Dinu–Pirvu, C.E. **BUTNARIU, M.** Liposomal nanodelivery system for proteasome inhibitor anticancer drug bortezomib. *Farmacia*, (eISSN: 2065–0019. Volume: 63, Issue: 2, Pages: 224–229, Accession Number: WOS: 000353526900011, ISSN: 0014–8237, Published: MAR–APR 2015), Times Cited: 7 (from Web of Science Core Collection). **IF(2014): 1.005.**
- 15) Caunii, A; Negrea, A; Pentea, M; Samfira, I; Motoc, M; **BUTNARIU, M.** Mobility of Heavy Metals from Soil in the Two Species of the Aromatic Plants. *Revista de chimie*, (ISSN: 0034–7752. Volume: 66, Issue: 3, Pages: 382–386, Accession No: WOS: 000352756300020, Published: MAR 2015). Times Cited: 22 (from Web of Science Core Collection). **IF(2014): 0.810.**
- 16) Pentea, M.; Butu, M.; Samfira, I.; Cristina, R.T. **BUTNARIU, M.** Extraction and analytical study of salvianin A from leaves of *Salvia divinorum*. *Digest journal of nanomaterials and biostructures*, (ISSN: 1842–3582. Volume: 10, Issue: 1, Pages: 291–297, Accession Number: WOS: 000353029900029, Published: JAN–MAR 2015) Times Cited: 4 (from Web of Science Core Collection). **IF(2014): 0.945.**

- 17) Csuma, A; Cristina, Romeo T.; Dumitrescu, E; Muselin, F; Alexa, E.C; Gergen, I. **BUNARIU, M.** Application of QuEChERS–High Performance Liquid Chromatography with Postcolumn Fluorescence Derivatization (HPLC–FLD) method to analyze Eprinomectin B1a residues from a pour–on conditioning in bovine edible tissues. *Open chemistry*, (ISSN: 2391–5420. Volume: 13, Issue: 1, Pages: 769–779, DOI: 10.1515/chem–2015–0097, Accession No: WOS: 000355403100092, Published: JAN 2015) Times Cited: 1 (from Web of Science Core Collection).
- 18) Voda, R; Negrea, A; Lupa, L; Ciopec, M; Negrea, P; Davidescu, CM; **BUTNARIU, M.** Nanocrystalline ferrites used as adsorbent in the treatment process of waste waters resulted from ink jet cartridges manufacturing. *Open chemistry*, (ISSN: 2391–5420. Volume: 13, Issue: 1, Pages: 743–747, DOI: 10.1515/chem–2015–0092, Accession No: WOS: 000355403100088, Published: JAN 2015) Times Cited: 1 (from Web of Science Core Collection).
- 19) Cristina, R. Hanganu, F. Dumitrescu, E. Muselin, F. **BUTNARIU, M.** Constantin, A. Chiruciu, V. *The Impact of Exogenic Testosterone and Nortestosterone–Decanoate Toxicological Evaluation Using a Rat Model. PLoS ONE*, 2014, 9(10): e109219.doi:10.1371/journal.pone.0109219 (Accession Number: WOS: 000343730400046, PubMed ID: 25302584, ISSN: 1932–6203). Times Cited: 5 (from Web of Science Core Collection). **IF(2014): 3.234.** (Quartile in Category–Q1).
- 20) Butu, M. Rodino, S. Pentea, M. Negrea, A. Petrache, P. **BUTNARIU, M.** IR spectroscopy of the flour from bones of European hare, *Digest journal of nanomaterials and biostructures*, Volume: 9, Issue: 4. Pages: 1317–1322, Published: OCT–DEC 2014 (Accession Number: WOS: 000346138800003, ISSN: 1842–3582), Times Cited: 8 (from Web of Science Core Collection). **IF(2014): 0.945.**
- 21) Petrache, P. Rodino, S. Butu, M. Pribac, G. Pentea, M. **BUTNARIU, M.** Polyacetylene and carotenes from *Petroselinum sativum* root. *Digest journal of nanomaterials and biostructures*, Volume: 9, Issue: 4. Pages: 1523–1527, Published: OCT–DEC 2014 (Accession Number: WOS: 000346138800025, ISSN: 1842–3582), Times Cited: 13 (from Web of Science Core Collection). **IF(2014): 0.945.**
- 22) Butu, M. **BUTNARIU, M.** Rodino, S. Butu, A. Study of zingiberene from *Lycopersicon Esculentum* fruit by mass spectrometry, *Digest journal of nanomaterials and biostructures*, Volume: 9, Issue: 3, Pages: 935–941, Published: JUL–SEP 2014 (Accession Number: WOS: 000346138400005, ISSN: 1842–3582) Times Cited: 7 (from Web of Science Core Collection). **IF(2014): 0.945.**
- 23) Rodino, S. Butu, M. Negoescu, C. Caunii, A. Cristina, R.T. **BUTNARIU, M.** Spectrophotometric method for quantitative determination of nystatin antifungal agent in pharmaceutical formulations *Digest journal of nanomaterials and biostructures*, Volume: 9, Issue: 3, Pages: 1215–1222, Published: JUL–SEP 2014 (Accession Number: WOS: 000346138400033, ISSN: 1842–3582) Times Cited: 8 (from Web of Science Core Collection). **IF(2014): 0.945.**
- 24) Rashed, K; **BUTNARIU, M.** Antimicrobial and Antioxidant Activities of *Bauhinia racemosa* Lam. and Chemical Content, *Iranian journal of pharmaceutical research*, Volume: 13, Issue: 3, Pages: 1073–1080, Published: SUM 2014 (Accession Number: WOS: 000347384900035, PubMed ID: 25276210, ISSN: 1735–0328, eISSN: 1726–6890), Times Cited: 24 (from Web of Science Core Collection). **IF(2014): 1.065.**
- 25) Butu, M. Rodino, S. Butu, A. **BUTNARIU, M.** Screening of bioflavonoid and antioxidant activity of *Lens culinaris medikus*, *Digest journal of nanomaterials and biostructures*, Volume: 9, Issue: 2, Pages: 519–529, Published: APR–JUN 2014 (Accession Number: WOS: 000339050700010, ISSN: 1842–3582), Times Times Cited: 17 (from Web of Science Core Collection). **IF(2014): 0.945.**
- 26) **BUTNARIU, M.** Rodino, S. Petrache, P. Negoescu, C. Butu, M. Determination and quantification of maize zeaxanthin stability. *Digest journal of nanomaterials and biostructures*, Volume: 9. Issue: 2, Pages: 745–755, Published: APR–JUN 2014 (Accession Number: WOS: 000339050700030, ISSN: 1842–3582), Times Cited: 29 (from Web of Science Core Collection). **IF(2014): 0.945.**
- 27) **BUTNARIU, M.** Detection of the polyphenolic components in *Ribes nigrum* L. *Annals of agricultural and environmental medicine*, Volume: 21, Issue: 1, Pages: 11–14, Published: 2014 (Accession Number: WOS: 000333867800003, PubMed ID: 24742033, ISSN: 1232–1966, eISSN: 1898–2263), Times Cited: 21 (from Web of Science Core Collection). **IF(2014): 1.126.**
- 28) Samfira, I. **BUTNARIU, M.** Rodino, S. Butu, M. Structural investigation of mistletoe plants from various hosts exhibiting diverse lignin phenotypes. *Digest journal of nanomaterials and biostructures*, Volume: 8, Issue: 4, Pages: 1679–1686, Published: OCT–DEC 2013 (Accession Number: WOS: 000327818000032, ISSN: 1842–3582), Times Cited: 24 (from Web of Science Core Collection). **IF(2014): 0.945.**
- 29) Barbat, C. Rodino, S. Petrache, P. Butu, M. **BUTNARIU, M.** Microencapsulation of the allelochemical compounds and study of their release from different. *Digest journal of nanomaterials and biostructures*, Volume: 8, Issue: 3, Pages: 945–953, Published: JUL–SEP 2013 (Accession Number: WOS: 000327816300004, ISSN: 1842–3582), Times Cited: 18 (from Web of Science Core Collection). **IF(2014): 0.945.** (Quartile in Category–Q2, *corresponding author*).
- 30) Bostan, C; **BUTNARIU, M;** Butu, M; Ortan, A; Butu, A; Rodino, S; Parvu, C. Allelopathic effect of *Festuca rubra* on perennial grasses. *Romanian biotechnological letters*, Volume: 18, Issue: 2, Pages: 8190–8196, Published: MAR–APR 2013 (Accession Number: WOS: 000318221200014, ISSN: 1224–5984), Times Cited: 24 (from Web of Science Core Collection). **IF(2014): 0.404.**
- 31) Putnoky, S; Caunii, A; **BUTNARIU, M.** Study on the stability and antioxidant effect of the *Allium ursinum* watery extract. *Chemistry central journal*, Volume: 7, Article Number: 21, Published: FEB 1 2013 (Accession Number: WOS: 000315954200001, PubMed ID: 23369571, ISSN: 1752–153X), Times Cited: 22 (from Web of Science Core Collection), **IF(2014): 2.19.** (Quartile in Category–Q1, *corresponding author*).

- 32) **BUTNARIU, M**; Caunii, A. Design management of functional foods for quality of life improvement. *Annals of agricultural and environmental medicine*, Volume: 20, Issue: 4, Pages: 736–741, Published: 2013 (Accession Number: WOS: 000329085100020, PubMed ID: 24364445, ISSN: 1232–1966, eISSN: 1898–2263) Times Cited: 25 (from Web of Science Core Collection). **IF(2014): 1.126**.
- 33) **BUTNARIU, M**. Caunii, A; Putnoky, S. Reverse phase chromatographic behaviour of major components in *Capsicum Annuum* extract, *Chemistry central journal*, Volume: 6, Article Number: 146, Published: DEC 4 2012 (Accession Number: WOS: 000313132700001, PubMed ID: 23206805, ISSN: 1752–153X), Times Cited: 26 (from Web of Science Core Collection). **IF(2014): 2.19**. (Quartile in Category-Q1, **principal author/corresponding author**).
- 34) **BUTNARIU, M**. An analysis of *Sorghum halepense*'s behavior in presence of tropane alkaloids from *Datura stramonium* extracts, *Chemistry central journal*, Volume: 6, Article Number: 75, Published: JUL 28 2012 (Accession Number: WOS: 000308021600001, PubMed ID: 22839364, ISSN: 1752–153X), Times Cited: 16 (from Web of Science Core Collection), **IF(2014): 2.19**. (Quartile in Category-Q1, **principal author/corresponding author**).
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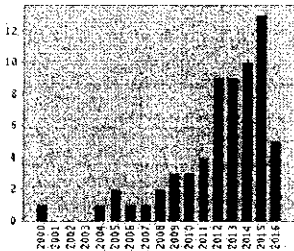
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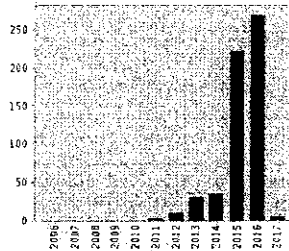
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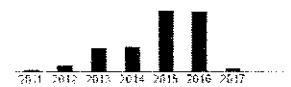
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