

**Activitatea pentru FACULTATEA DE BIOLOGIE SI GEOLOGIE**

Domeniul	Numar total de lucrari ISI	relativ de influenta total	% raportate	Numar de articole raportate	Scor relativ de infl. raportat Personal de baza	Scor relativ de infl.cumulat Personal asociat	Numar total articole in reviste fara scor relativ de influenta
Biologie	17	29.20222	70	11.9	20.4415	1.0000	0
Stiinta mediului			30	5.1	8.7606	0	0
Biotehnologii			0	0	0	0	0
Geologie	9	16.45995	100	9	16.45995	0	0
Inginerie geologica			0	0	0	0	0

**Articole publicate in reviste recunoscute ISI**

- Banciu Manuela, Schiffelers Raymond M , Fens Marcel H , Metselaar J.M. , Storm Gert, Anti-angiogenic effects of liposomal prednisolone phosphate on B16 melanoma in mice, Science\_Citation\_Expeded, JOURNAL OF CONTROLLED RELEASE, 113, 2006, P.1 - 8**
- Banciu Manuela, Therapeutic application of long-circulating liposomal glucocorticoids in auto-immune diseases and cancer , Science\_Citation\_Expeded, JOURNAL OF LIPOSOME RESEARCH, 16 , 2006, P.185 - 194**
- Sitaru Cassian, Chiriac Mircea-Teodor, Mihai Sidonia, Büning Jürgen, Gebert Andreas, Ishiko Akira, Zillikens Detlef, Induction of complement-fixing autoantibodies against type VII collagen results in subepidermal blistering in mice, Science\_Citation\_Expeded, JOURNAL OF IMMUNOLOGY, 177(5), 2006, P.3461 - 3468**
- Dragos Nicolaie, Boaru Alina, Schirmer Kristin, Microcystin-LR induced cellular effects in mammalian and fish primary hepatocyte cultures and cell lines: a comparative study, Science\_Citation\_Expeded, TOXICOLOGY, 218, 2006, P.134 - 148**
- Dragos Nicolaie, Boaru Alina, Welker Martin, Bauer Alexander, Nicoara Ana, Schirmer Kristin, Toxic potential of microcystin-containing cyanobacterial extracts from three Romanian freshwaters, Science\_Citation\_Expeded, TOXICON, 47, 2006, P.925 - 932**
- Schlick-Steiner Birgit C., Marko Balint, Steiner Florian M., Konrad Heino, Csosz Sándor, Heller Gerhard, Ferencz Beatrix Katalin, Sipos Botond, Christian Erhard, Stauffer Christian, More than one species of Messor harvester ants (Hymenoptera: Formicidae) in Central Europe., Science\_Citation\_Expeded, EUROPEAN JOURNAL**

7. Hentea Sorana, Csergo Ana-Maria, Gafta Dan Calin, Csergo Ana-Maria, Hentea Sorana, *Morphometric variation in a rare endemic Aquilegia in the Carpathians Mountains*, Science\_Citation\_Expended, PLANT BIOSYSTEMS, 140 , 2006, P.297 - 306
8. Tamas Calin Gabriel, Bailly Laurent, Ghergari Lucretia, Minut Adrian, *New occurrences of tellurides and argyrodite at Rosia Montana, Apuseni Mountains, Romania and their metallogenetic significance*, Science\_Citation\_Expended, CANADIAN MINERALOGIST, vol. 44, no. 2, 2006, P.367 - 384
9. Heulin B., SURGET-GROBA Y, Ghira Ioan Valeriu, SURGET-GROBA Y, HEULIN B., GUILLAUME CLAUDE-PIERRE, GUILLAUME CLAUDE-PIERRE, PUKY MIKLOS, PUKY MIKLOS, SEMENOV DMITRY, SEMENOV DMITRY, ORLOVA VALENTINA, KUPRIYANOVA LARISSA, KUPRIYANOVA LARISSA, SMAJDA BENEDIK, SMAJDA BENEDIK, *Multiple origins of viviparity, or reversal from viviparity to oviparity? The European common lizard (Zootoca vivipara, Lacertidae) and the evolution of parity*, Science\_Citation\_Expended, BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY, 87(1) , 2006, P.1 - 11
10. Szoke Istvan, Kis Erika, Farkas Arpad, Hofmann Werner, Szoke Reka, Hatim Fakir, Balashazy Imre , *Alpha-hit, cellular dose, cell transformation and inactivation probability distributions of radon progenies in the bronchial epithelium*, Science\_Citation\_Expended, RADIATION PROTECTION DOSIMETRY, 122 (1-4) , 2006, P.540 - 542
11. Krezsek Csaba, Bally Albert, *The Transylvanian basin (Romania) and its relation to the Carpathian fold and thrust belt: insights in gravitational salt tectonics*, Science\_Citation\_Expended, MARINE AND PETROLEUM GEOLOGY, 23/4, 2006, P.405 - 446
12. Krezsek Csaba, Szakacs Alexandru, *Volcano–basement interaction in the Eastern Carpathians: Explaining unusual tectonic features in the Eastern Transylvanian Basin, Romania*, Science\_Citation\_Expended, JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH, 158, 2006, P.6 - 20
13. Foller M., Lang F., Huber S.M., Lang Camelia, Kasinathan R.S., Foller M., Lang F., Huber S.M., *Oxidant sensitive anion and organic osmolyte channels in human K562 cells*, Science\_Citation\_Expended, ACTA PHYSIOLOGICA, 186 (suppl 650), 2006, P.13 - 13
14. Laszlo Zoltan, Tóthmérész Béla , *Inquiline effects on a multilocular gall community* , Science\_Citation\_Expended, ACTA ZOOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE, 52 , 2006, P.373 - 383
15. Czechowski Wojciech, Marko Balint, *Uncomfortable protection: Formica polyctena Först. shelters Formica fusca L. from Formica sanguinea Latr. (Hymenoptera: Formicidae)*., Science\_Citation\_Expended, ANNALES ZOOLOGICI, 56, 3 , 2006, P.539 - 548
16. Onac Petroniu Bogdan, Effenberger Herta, Ettinger Karl, Canta-Panzaru Simona, *Hydroxylellastadite from Cioclovina Cave (Romania): microanalytical, structural, and vibrational spectroscopy data*, Science\_Citation\_Expended, AMERICAN MINERALOGIST, 91, 2006, P.1927 - 1931
17. Pinzaru Simona, Onac Petroniu Bogdan, Effenberger Herta, Effenberger Herta, Ettinger Karl, Ettinger Karl, *Hydroxylellestadite From Cioclovina Cave (Romania): Microanalytical, Structural, And Vibrational Spectroscopy Data*, Science\_Citation\_Expended, AMERICAN MINERALOGIST, 91, 2006, P.1927 - 1931
18. Pap Peter Laszlo, Tokolyi Jacint, Szep Tibor, Piper Steven, *Habitat preference, escape behavior, and cues used by feather mites to avoid molting wing feathers*, Science\_Citation\_Expended, BEHAVIORAL ECOLOGY, 17, 2006, P.277 - 284

19. **Moller Anders Pape, Moller Anders Pape, Pap Peter Laszlo, AN ANALYSIS OF CONTINENT-WIDE PATTERNS OF SEXUAL SELECTION IN A PASSERINE BIRD**, Science\_Citation\_Expended, EVOLUTION, 60 , 2006, P.856 - 868
20. **Szép Tibor, Szabo Daniel Zoltan, Pap Peter Laszlo, Moller Anders Pape, Piper Steven, Piper Steven, Nuttal Rick, Searching for potential wintering and migration areas of a Danish Barn Swallow population in South Africa by correlating NDVI with survival estimates**, Science\_Citation\_Expended, JOURNAL OF ORNITHOLOGY, 147, 2006, P.245 - 253
21. **Stoll P., Schilenyko A, Erhardt Andreas, Groza Gheorghe, Groza Gheorghe, Cremene Cristina, Baur Annette, Baur Bruno, Rakosy Laszlo, Effects of abandonment of subalpine hay meadows on plant and invertebrate diversity in Transylvania, Romania**, Science\_Citation\_Expended, BIOLOGICAL CONSERVATION, 132, 2006, P.261 - 273
22. **Müller Paul, Abadjev S., Schmitt Thomas, Rakosy Laszlo, Multiple differentiation centres of a non-Mediterranean butterfly species in south-eastern Europe**, Science\_Citation\_Expended, JOURNAL OF BIOGEOGRAPHY, 33, 2006, P.1130 - 1143
23. **Ruprecht Eszter-Karolina, Successfully recovered grassland: a promising example from Romanian old-fields**, Science\_Citation\_Expended, RESTORATION ECOLOGY, 14, 2006, P.473 - 480
24. **Tamas Calin Gabriel, Cauuet Beatrice, Leary Steven, Minut Adrian, Rosia Montana, Romania: Europe's largest Gold Deposit**, Science\_Citation\_Expended, ECONOMIC GEOLOGY, SEG Newsletter, No., 64, 2006, P.1 - 15
25. **Tamas Calin Gabriel, Wallier Stefan, Rey Roger, Kouzmanov Kalin, Pettke Thomas, Heinrich Christoph A., Leary Steven, Vennemann Torsten, Ullrich Thomas, Magmatic fluids in the breccia-hosted epithermal Au-Ag deposit of Rosia Montana, Romania**, Science\_Citation\_Expended, ECONOMIC GEOLOGY, v. 101, nr. 5, 2006, P.923 - 954
26. **Tantau Ioan, Vendramin Giovanni , Comps Bernard , Dupanloup Isabelle , Geburek Thomas , Gomory Dusan, Latalowa Malgorzata, Litt Thomas , Paule Ladislav , Roure Joan Maria, van der Knaap W. O. , Petit Rémy , de Beaulieu Jacques-Louis, A new scenario for the Quaternary history of European beech populations: palaeobotanical evidence and genetic consequences.**, Science\_Citation\_Expended, NEW PHYTOLOGIST, 171 (1) , 2006, P.199 - 223
27. **Tantau Ioan, Reille Maurice, de Beaulieu Jacques-Louis, Farcas Sorina, Late Glacial and Holocene vegetation history in the southern part of Transylvania (Romania): pollen analysis of two sequences from Avrig** , Science\_Citation\_Expended, JOURNAL OF QUATERNARY SCIENCE, 21 (1) , 2006, P.49 - 61

**Activitatea pentru FACULTATEA DE BIOLOGIE SI GEOLOGIE**

Domeniul	Numar total de lucrari ISI	relativ de influenta total	% raportate	Numar de articole raportate	Scor relativ de infl. raportat Personal de baza	Scor relativ de infl.cumulat Personal asociat	Numar total articole in reviste fara scor relativ de influenta
Biologie	26	39.18974	70	18.2	26.2090	1.74819	0
Stiinta mediului			30	7.8	11.2324	1.74819	0
Biotehnologii			0	0	0	0	0
Geologie	8	9.58767	50	4	4.793835	0	2
Inginerie geologica			50	4	4.793835	0	0

**Articole publicate in reviste recunoscute ISI**

- Kovacs Maria, Kovacs Maria, Aurori Adriana, Aurori Adriana, Rakosy Lenuta, Aurori Adriana, Vesa Simona Maria,** *In vitro morphogenesis of sunflower (*Helianthus annuus*) hypocotyl protoplasts: the effects of protoplast density, haemoglobin and spermidine*, Science\_Citation\_Expended, PLANT CELL TISSUE AND ORGAN CULTURE, 90, 2007, P.55 - 62
- Barbu Tudoran Lucian,** *Structure, morphology and magnetic properties of Fe–Au core–shell nanoparticles.* , Science\_Citation\_Expended, SURFACE SCIENCE, Surface Science 601, 2007, P.4352 - 4357
- Marian Catalin, Anghel Andrei, Ursoniu Sorin, Dressler Milan, Budowle Bruce, Popescu Octavian, Bel Simona Maria, Ferencz Beatrix Katalin,** *STR data for the 15 AmpFlSTR identifiler loci in the Western Romanian population* , Science\_Citation\_Expended, FORENSIC SCIENCE INTERNATIONAL, 170 , 2007, P.73 - 75
- Benea Ion Marcel, Gorea Maria, Har Nicolae,** *Materiale tegulare romane de la Sarmizegetusa - (1) caracteristici mineralogice si fizice*, Science\_Citation\_Expended, REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS , 37/3, 2007, P.219 - 228
- Har Nicolae, Bindiu Raluca, Gorea Maria, Benea Ion Marcel,** *Mineralogical aspects concerning degradation of some concrete and mortars*, Science\_Citation\_Expended, REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS , 37/3, 2007, P.228 - 239
- Bucur Ioan,** *Salpingoporella? poprigorei, a new species of Dasycladales (calcareous algae) from the Lower*

*Aptian deposits of Padurea Craiului (northern Apuseni Mountains, Romania), Science\_Citation\_Expended, FACIES, 53, 2007, P.377 - 388*

**7. Bucur Ioan, Arnaud-Vanneau Annie, Arnaud Hubert, Remarks on *Triploporella praturlonii* Barattolo 1982 from the Lower Barremian of Southern Vercors (SE France),** Science\_Citation\_Expended, NEUES JAHRBUCH FÜR GEOLOGIE UND PALAONTOLOGIE-ABHANDLUNGEN, 244, nr.2, 2007, P.133 - 141

**8. Saint Martin Simona, Cornee Jean-Jacques, Merle Didier, Saint Martin Jean-Paul, Filipescu Sorin, Bucur Ioan, Les constructions coraliennes du Badénien (Miocène moyen) de la bordure occidentale de la dépression de Transylvanie (Roumanie),** Science\_Citation\_Expended, COMPTES RENDUS PALEVOL, 6/1-2, 2007, P.37 - 46

**9. Chiriac Mircea-Teodor, Roesler Joachim, Sindrilaru Anca, Scharffetter-Kochanek Karin, Zillikens Detlef, Sitaru Cassian, NADPH oxidase is required for neutrophil-dependent autoantibody-induced tissue damage,** Science\_Citation\_Expended, JOURNAL OF PATHOLOGY, 212(1), 2007, P.56 - 65

**10. Mihai Sidonia, Chiriac Mircea-Teodor, Herrero-González Josep E, Goodall Margaret, Jefferis Roy, Savage Caroline O. S., Zillikens Detlef, Sitaru Cassian, IgG4 autoantibodies induce dermal–epidermal separation ,** Science\_Citation\_Expended, JOURNAL OF CELLULAR AND MOLECULAR MEDICINE, Volume 11(5) , 2007, P.1117 - 1128

**11. Mihai Sidonia, Chiriac Mircea-Teodor, Takahashi Kazue, Holers Michael V., Zillikens Detlef, Botto Marina, Sitaru Cassian, The Alternative Pathway of Complement Activation Is Critical for Blister Induction in Experimental Epidermolysis Bullosa Acquisita ,** Science\_Citation\_Expended, JOURNAL OF IMMUNOLOGY, 178(10) , 2007, P.6514 - 6521

**12. Brzbohaty Rotislav, Bajraktarevic Zlatan, Andreyeva-Grigorovich Aida, Kovac Michal, Filipescu Sorin, Fodor Laszlo, Harzhauser Mathias, Nagymarosy Andras, Oszczypko Nestor, Pavelic Davor, Roegl Fred, Saftic Bruno, Sliva Lubomir, Studencka Barbara, Badenian evolution of the Central Paratethys sea: paleogeography, climate and eustatic sea level changes ,** Science\_Citation\_Expended, GEOLOGICA CARPATHICA, 58/6 , 2007, P.579 - 606

**13. Fictum P, Mihalca A, Ghira Ioan Valeriu, Mihalca A, Fictum P, Skoric M, Sloboda M, Karvemo S, Carlsson M, Modry D, Severe Granulomatous Lesions in Several Organs from *Eustrongylides* Larvae in a Free-ranging Dice Snake, *Natrix tessellata* ,** Science\_Citation\_Expended, VETERINARY PATHOLOGY, 44 , 2007, P.103 - 105

**14. Ghira Ioan Valeriu, Cozma V, Gherman C, Mihalca A, Mihalca A, Helminth parasites of reptiles (Reptilia) in Romania,** Science\_Citation\_Expended, PARASITOLOGY RESEARCH, 101, 2007, P.491 - 492

**15. Ghira Ioan Valeriu, Covaciuc-Marcov Severus Daniel, Cicort-Lucaciuc A.S., Sas István, Strugariu Alexandru, Bogdan Horia, Contributions to knowledge regarding geographical distribution of the herpetofauna of Dobrudja ,** Science\_Citation\_Expended, NORTHWEST SCIENCE, 2 , 2007, P.88 - 125

**16. Boini K.M., Foller M., Lamprecht G., Koka S., Lang Camelia, Huber S.M., Lang F., Iron deficiency influences the course of malaria in *Plasmodium berghei*-infected mice,** Science\_Citation\_Expended, BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 357 (3), 2007, P.608 - 614

**17. Boini K.M., Huber S.M., Koka S., Lang Camelia, Foller M., Lang F., Lead decreases parasitemia and enhances survival of *Plasmodium berghei*-infected mice,** Science\_Citation\_Expended, BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 363 (3), 2007, P.484 - 489

**18. Foller M., Kasinathan R.S., Lang Camelia, Koka S., Lang F., Huber S.M., Oxidation induces CIC-3-dependent anion channels in human leukemia cells,** Science\_Citation\_Expended, FEBS LETTERS, 581, 2007, P.5407 - 5412

**19. Lang F., Huber S.M., Lang Camelia, Koka S., Kasinathan R.S., Huber S.M., Lang F., Osmolyte channels in**

*malaria-infected erythrocytes*, Science\_Citation\_Expended, ACTA PHYSIOLOGICA, 189 (suppl 653), 2007, P.7 - 7

20. **Onac Petroniu Bogdan, White William**, *The relationship between the mineralization of breccia pipes and mineral composition of speleothems: evidence from Corkscrew Cave, Arizona, USA*, Science\_Citation\_Expended, CANADIAN MINERALOGIST, 45, 2007, P.1273 - 1284
21. **Onac Petroniu Bogdan, Effenberger Herta, Effenberger Herta**, *Re-examination of berlinitite (AlPO<sub>4</sub>) from the Cioclovina Cave, Romania*, Science\_Citation\_Expended, AMERICAN MINERALOGIST, 92, 2007, P.1998 - 2001
22. **Onac Petroniu Bogdan, Feurdean Angelica, Mosbrugger Volker, Polyak Victor, Veres Daniel**, *Younger Dryas to mid-Holocene environmental history of the lowlands of NW Transylvania*, Science\_Citation\_Expended, QUATERNARY RESEARCH, 68 , 2007, P.364 - 378
23. **Pap Peter Laszlo, Barta Zoltan, Tokolyi Jacint, Vagasi Csongor**, *Increase of feather quality during moult: a possible implication of feather deformities in the evolution of partial moult in the great tit Parus major*, Science\_Citation\_Expended, JOURNAL OF AVIAN BIOLOGY, 38 , 2007, P.471 - 478
24. **Pap Peter Laszlo**, *Host density predicts presence of cuckoo parasitism in reed warblers*, Science\_Citation\_Expended, OIKOS, 116, 2007, P.913 - 922
25. **Szép Tibor, Szabo Daniel Zoltan, Pap Peter Laszlo, Moller Anders Pape, Moller Anders Pape, Nuttal Rick, Piper Steven, Piper Steven**, *Migratory connectivity in barn swallows and other hirundines*, Science\_Citation\_Expended, JOURNAL OF ORNITHOLOGY, 148(2), 2007, P.257 - 260
26. **Parvu Marcel, Rosca-Casian Oana, Tamas Mircea, Tamas Mircea, Vlase Laurian**, *Antifungal activity of Aloë vera leaves*, Science\_Citation\_Expended, FITOTERAPIA, 78, 2007, P.219 - 222
27. **Rosca-Casian Oana, Parvu Marcel, Vlase Laurian, Tamas Mircea, Tamas Mircea, Tamas Mircea, Tamas Mircea**, *Antifungal activity of Aloë vera leaves*, Science\_Citation\_Expended, FITOTERAPIA, 78,1, 2007, P.219 - 222
28. **David Ioan Leontin, Rusu Mariana, Pasca Cristina, Hossu Mihaela Liliana, Marcu Anca Oana, Joo Nicoleta, Rusu Dan, Rusu Dan**, *Synthesis and physical-chemical study of two sandwich-type heteropolyoxometalates with dinuclear vanadium clusters*, Science\_Citation\_Expended, ACTA CHIMICA SLOVENICA, 54, 4, 2007, P.749 - 754
29. **Naszradi Tamás, Podar Dorina, Badacsanyi András, Keresztfényi István, Csintalan Zsolt, Tuba Zoltan**, *Comparison of two metal surveys by moss Tortula ruralis in Budapest, Hungary*, Science\_Citation\_Expended, ENVIRONMENTAL MONITORING AND ASSESSMENT, 134 , 2007, P.279 - 285
30. **Rakosy Laszlo, strauss eric j**, *Changes of traditional agrarian landscapes and their conservation implications:*, Science\_Citation\_Expended, DIVERSITY AND DISTRIBUTIONS, 13, 2007, P.855 - 862
31. **Varga Zoltán, Goia Marin, Vizauer Tibor-Csaba, Tartally Andras, Rakosy Laszlo, Tartally Andras, Vizauer Tibor-Csaba, Goia Marin, Varga Zoltan**, *Maculinea nausithous Exploits Myrmica*, Science\_Citation\_Expended, SOCIOBIOLOGY, 51: 1, 2007, P.51 - 56
32. **Thieme Ramona, Davey Michael R., Dijkstra Camelia, Aurori Adriana, Aurori Adriana, Aurori Cristian, Aurori Cristian, Rakosy Lenuta, Aurori Adriana, Aurori Adriana, Aurori Cristian, Aurori Cristian**, *The usefulness of reporter gene gfp for monitoring Agrobacterium-mediated transformation of potato dihaploid and tetraploid genotypes.*, Science\_Citation\_Expended, PLANT CELL REPORTS, 26, 2007, P.661 - 671
33. **Ruprecht Eszter-Karolina, Bartha Sándor, Botta-Dukát Zoltán, Szabo Anna**, *Assembly rules during old-field succession in two contrasting environments*, Science\_Citation\_Expended, COMMUNITY ECOLOGY, 8, 2007, P.31 - 40

34. **Augustin Jakob, Szabo Daniel Zoltan, Szép Tibor, Wagner Richard, Blomquist Donald**, *No evidence of genetic benefits from extra-pair fertilisations in female sand martins*, Science\_Citation\_Expended, JOURNAL OF ORNITHOLOGY, 148(2), 2007, P.189 - 198
35. **Feurdean Angelica, Tantau Ioan, Wohlfarth Barbara, Björkman Leif, Bennike Ole, Willis Katherine, Farcas Sorina, Robertsson Ann Marie**, *The influence of refugial population on Lateglacial and early Holocene vegetational changes in Romania*, Science\_Citation\_Expended, REVIEW OF PALAEOBOTANY AND PALYNOLOGY, 145, 2007, P.305 - 320
36. **Sevcencu Cristian, Tarba Corneliu, Ardelean Calin**, *Electrical and mechanical effects induced by cold temperatures in the ventricle of isolated Rana ridibunda hearts*, Science\_Citation\_Expended, COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR & INTEGRATIVE PHYSIOLOGY, 148, 2007, P.196 - 203

**Activitatea pentru FACULTATEA DE BIOLOGIE SI GEOLOGIE**

Domeniul	Numar total de lucrari ISI	relativ de influenta total	% raportate	Numar de articole raportate	Scor relativ de infl. raportat Personal de baza	Scor relativ de infl.cumulat Personal asociat	Numar total articole in reviste fara scor relativ de influenta
Biologie	31 din care: 26 pers baza 5 pers. asociat	66.95709	70	25.2	45.5488	1.321194	0
Stiinta mediului			30	10.8	19.5209	0.566226	0
Biotehnologii			0	0	0	0	0
Geologie	14 din care: 13 pers baza 1 pers. asociat	12.22902	50	6.5	5.6164	0.99615	0
Inginerie geologica			50	6.5	5.6164	0	0

**Articole publicate in reviste recunoscute ISI**

- 1. Schmitt Thomas, Schmitt Thomas, Barnard Peter C., Balint Miklos, Barnard Peter C., Schmitt Thomas, Schmitt Thomas, Ujvarosi Lujza, Popescu Octavian,** *Differentiation and speciation in mountain streams: a case study in the caddisfly Rhyacophila aquitanica (Trichoptera)*, Science\_Citation\_Expended, JOURNAL OF ZOOLOGICAL SYSTEMATICS AND EVOLUTIONARY RESEARCH, 46, 2008, P.340 - 345
- 2. Banciu Manuela,** *Investigation into the Role of Tumor-Associated Macrophages in the Antitumor Activity of Doxil*, Science\_Citation\_Expended, PHARMACEUTICAL RESEARCH, 25 (9), 2008, P.1948 - 1955
- 3. Banciu Manuela,** *Utility of targeted glucocorticoids in cancer therapy.*, Science\_Citation\_Expended, JOURNAL

4. **Banciu Manuela**, *Antitumor activity of liposomal prednisolone phosphate depends on the presence of functional tumor-associated macrophages in tumor tissue.*, Science\_Citation\_Expeded, NEOPLASIA, 10, 2, 2008, P.108 - 117
5. **Banciu Horia Leonard, Sorokin D.Y., Tourova Tatyana, Galinski E.A., Muntyan Maria, Kuenen J.G., Muyzer G.**, *Influence of salts and pH on growth and activity of a novel facultatively alkaliphilic, extremely salt-tolerant, obligately chemolithoautotrophic sulfur-oxidizing Gammaproteobacterium Thioalkalibacter halophilus gen. nov., sp. nov. from South-Western Siberian soda lakes*, Science\_Citation\_Expeded, EXTREMOPHILES, 12, 2008, P.391 - 404
6. **Banciu Manuela**, *Antitumor activity and tumor localization of liposomal glucocorticoids in B16 melanoma-bearing mice.*, Science\_Citation\_Expeded, JOURNAL OF CONTROLLED RELEASE, 127(2), 2008, P.131 - 136
7. **Banciu Manuela**, *Liposomal glucocorticoids as tumor-targeted anti-angiogenic nanomedicine in B16 melanoma-bearing mice*, Science\_Citation\_Expeded, JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY, 111, 2008, P.101 - 110
8. **Barbu Tudoran Lucian**, *The self-assembly, elasticity, and dynamics of cardiac thin filaments.*, Science\_Citation\_Expeded, BIOPHYSICAL JOURNAL, Biophysical J., 94, 2008, P.2170 - 2178
9. **Barbu Tudoran Lucian**, *Dynamics of Semiflexible Polymer Solutions in the Highly Entangled Regime.*, Science\_Citation\_Expeded, PHYSICAL REVIEW LETTERS, 101(19), 2008, P.254 - 262
10. **Barbu Tudoran Lucian**, *Preparation and NMR characterization of polyethyl-2-cyanoacrylate nanocapsules.*, Science\_Citation\_Expeded, APPLIED MAGNETIC RESONANCE, 34, 2008, P.111 - 119
11. **Tomoaia Gheorghe, Horovitz Ossi, Barbu Tudoran Lucian, Mocanu Aurora, Tomoaia-Cotisel Maria**, *Self-assembly characteristics of gold nanoparticles in the presence of arginine*, Science\_Citation\_Expeded, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, 10 , 2008, P.2293 - 2297
12. **Parvu Marcel, Parvu Alina-Elena, Craciun Constantin, Barbu Tudoran Lucian, Tamas Mircea, Tamas Mircea, Tamas Mircea**, *Antifungal Activities of Chelidonium majus Extract on Botrytis cinerea in vitro and Ultrastructural Changes in its Conidia*, Science\_Citation\_Expeded, JOURNAL OF PHYTOPATHOLOGY, 156, 2008, P.550 - 552
13. **Tomsa Adrian-Raul, Popovici Elisabeth-Jeanne, Cadis Adrian Ionut, Stefan Maria Viorica, Barbu Tudoran Lucian, Astilean Simion**, *Ultrasound-assisted synthesis of highly disperse zinc sulphide powders*, Science\_Citation\_Expeded, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, 10, 9 , 2008, P.2342 - 2345
14. **Muresan Laura Elena, Popovici Elisabeth-Jeanne, Tomsa Adrian-Raul, Silaghi Dumitrescu Laura, Barbu Tudoran Lucian, Indrea Emil**, *Preparation by dip coating method and characterisation of WO<sub>3</sub> thin films*, Science\_Citation\_Expeded, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, 10, 9, 2008, P.2261 - 2264
15. **Maicaneanu Sanda Andrada, Stanca Maria, Burca Silvia, Bedelean Horia Stefan**, *Fe/ZVT Catalysts for Phenol Total Oxidation*, Science\_Citation\_Expeded, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, LIII, 3, 2008, P.7 - 23
16. **Maicaneanu Sanda Andrada, Burca Silvia, Stanca Maria, Bedelean Horia Stefan, Bulea Caius, Vermesan George**, *Removal of iron and zinc ions from electroplating wastewaters by ionic exchange*, Science\_Citation\_Expeded, JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, 9(4), 2008, P.868 - 882

17. **Frentiu Tiberiu, Cordos Emil, Ponta Michaela Lucia, Benea Ion Marcel, Konradi Erika, Gheorghiu Emilia**, *Preliminary Study on Heavy Metals Contamination of Soil Using Solid Phase Speciation and the Influence on Groundwater in Bozanta Mare Area, Romania*, Science\_Citation\_Expended, CHEMICAL SPECIATION AND BIOAVAILABILITY, 20(2), 2008, P.111 - 121
18. **Bucur Ioan**, *Barremian-Aptian calcareous algae from Romania: an overview*, Science\_Citation\_Expended, BOLLETTINO DELLA SOCIETA GEOLOGICA ITALIANA, 127, 2, 2008, P.245 - 255
19. **Koch Roman , Koch Roman, Bucur Ioan, Kirmaci M. Ziya, Mushin Eren, Tasli Kemal**, *Upper Jurassic and Lower Cretaceous carbonate rocks of the Berdiga Limestone - Sedimentation on an onbound platform with volcanic and episodic siliciclastic influx. Biostratigraphy, facies and diagenesis (Kirkaova, Kale-Gumushane area; NE Turkey)* , Science\_Citation\_Expended, NEUES JAHRBUCH FUR GEOLOGIE UND PALAONTOLOGIE-ABHANDLUNGEN, 247, 1 , 2008, P.23 - 61
20. **Carpa Rahela, Dragan Bularda Mihai**, *Physico-chemical and bacteriological characterization of the soil types from various altitudinal zones in Parang Mountains*, Science\_Citation\_Expended, REVISTA DE CHIMIE, 59, 9, 2008, P.10 - 22
21. **Carpa Rahela, Gherman D, Breheret J.G., Motoc Marilena, Negrea Adina, Radu F.A.**, *The sulphur and iron metabolism in acidophilic microbial gelatinous formations from an auriferous sulphides mine from the South-West of Romania* , Science\_Citation\_Expended, REVISTA DE CHIMIE, 59 (10) , 2008, P.1064 - 1168
22. **Bubik Miroslav, Kaminski Michael A., Kaminski Michael A. , Cetean Claudia Georgiana**, *Rectoprotomarssonella n.gen., a new agglutinated foraminiferal genus from the Upper Cretaceous of the Carpathian flysch* , Science\_Citation\_Expended, MICROPALEONTOLOGY, 53 (6) , 2008, P.517 - 521
23. **Lupan Iulia, Chira Sergiu, Chiriac Maria, Palibroda Nicolae, Popescu Octavian**, *Enzymatic Synthesis of 15N-L-aspartic Acid Using Recombinant Aspartase from Escherichia Coli K12*, Science\_Citation\_Expended, REVISTA DE CHIMIE, 59, 2008, P.1216 - 1217
24. **Sesarman Alina, Mihai Sidonia, Chiriac Mircea-Teodor, Olaru Florina, Sitaru Ana Gabriela, Thurman Joshua M , Zillikens Detlef, Sitaru Cassian**, *Binding of avian IgY to type VII collagen does not activate complement and leucocytes and fails to induce subepidermal blistering in mice* , Science\_Citation\_Expended, BRITISH JOURNAL OF DERMATOLOGY, 158(3) , 2008, P.463 - 471
25. **Codrea Vlad Aurel, Codrea A.V., Godefroit P.**, *2008 : New Late Cretaceous dinosaur findings from northwestern Transylvania (Romania). Comptes Rendus Palevol*, 7 (2008) : 289-295, Paris., Science\_Citation\_Expended, COMPTES RENDUS PALEVOL, 7, 2008, P.289 - 295
26. **Codrea Vlad Aurel, Delfino M., Codrea V., Folie A., Dica P., Godefroit P., Smith T.**, *2008 : A complete skull of Allodaposuchus precedens NOPCSA, 1928 (Eusuchia) and a reassessment of the morphology of the taxon based on the Romanian remains. Journal of Vertebrate Paleontology*, 28 (1) : 111-122, Chicago., Science\_Citation\_Expended, JOURNAL OF VERTEBRATE PALEONTOLOGY, 28,1, 2008, P.111 - 122
27. **Gaidau C., Craciun Constantin, Athanasiu Anca Angela, Giurginca M., Meghea A., Ionita E., Oproiu Lotti**, *New environmentally friendly liquid dyes for protein supports* , Science\_Citation\_Expended, REVISTA DE CHIMIE, 59, 6, 2008, P.631 - 634
28. **Tolstonog Genrich V., Kirilyuk Alexander, Damert Annette, Held Ulrike, Hahn Silvia, Löwer Roswitha , Buschmann Christian, Horn Axel V. , Traub Peter, Schumann Gerald G.**, *Functional endogenous LINE-1 retrotransposons are expressed and mobilized in rat chloroleukemia cells* , Science\_Citation\_Expended, NUCLEIC ACIDS RESEARCH, 36,2 , 2008, P.648 - 665

29. Bercea Victor, Bercea Victor, Munteanu Edward, Dragos Nicolaie, *Changes in carotenoid pattern in Mougeotia sp. algae induced by high light stress*, Science\_Citation\_Expended, CHEMICKE LISTY, 102, 2008, P.439 - 440
30. Chiriac Maria, Lupan Iulia, Popescu Octavian, Ferencz Beatrix Katalin, Palibroda Nicolae, *Stereoselective synthesis of L-[15N] amino acids with glucose dehydrogenase*, Science\_Citation\_Expended, JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICALS, 51, 2008, P.171 - 174
31. Filipescu Sorin, Silye Lorand, *New Paratethyan biozones of planktonic foraminifera described from the Middle Miocene of the Transylvanian Basin*, Science\_Citation\_Expended, GEOLOGICA CARPATHICA, 59 (6), 2008, P.537 - 544
32. Koka S., Kasinathan R.S., Foller M., Lang Camelia, Shumilina E., Birnbaumer L., Lang F., Huber S.M., *TRPC6 contributes to the Ca<sup>2+</sup> leak of human erythrocytes*, Science\_Citation\_Expended, CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, 21, 2008, P.183 - 192
33. Foller M., Niemoeller O.M., Lang Camelia, Huber S.M., Lang F., *Retinoic acid induced suicidal erythrocyte death*, Science\_Citation\_Expended, CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, 21 (1-3), 2008, P.193 - 202
34. Koka S., Lang Camelia, Niemoeller O.M., Boini K.M., Nicolay J., Huber S.M., Lang F., *Influence of NO synthase inhibitor L-NAME on parasitemia and survival of Plasmodium berghei infected mice*, Science\_Citation\_Expended, CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, 21 (5-6), 2008, P.481 - 488
35. Lerche H., Lang F., Lang Camelia, Weber Y.G., Storch A., Wuttke T.V., Brockmann K., Kempfle J., Maljevic S., Margari L., Kamm K., Schneider S.A., Huber S.M., Pekrun A., Roeblig R., Seeböhm G., Koka S., Kraft E., Blazevic D., Salvo-Vargas A., Fauler M., Mottaghy F.M., Munchau A., Edwards M.J., Presicci A., Margari F., Gasser T., Lang F., Bhatia K.P., Lehmann-Horn F., Lerche H., *GLUT1 mutations are a cause of paroxysmal exertion-induced dyskinesias and induce hemolytic anemia by a cation leak*, Science\_Citation\_Expended, JOURNAL OF CLINICAL INVESTIGATION, 118, 2008, P.2157 - 2168
36. Lang F., Huber S.M., Lang Camelia, Koka S., Boini K.M., Huber S.M., Lang F., *Influence of chlorpromazine on eryptosis, parasitemia and survival of Plasmodium berghei infected mice*, Science\_Citation\_Expended, CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, 22, 2008, P.261 - 268
37. Huber S.M., Lang F., Lang Camelia, Shumilina E., Lang F., Huber S.M., *Phosphatidylinositol-3-kinase regulates mast cell ion channel activity*, Science\_Citation\_Expended, CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, 22, 2008, P.169 - 176
38. Lang F., Huber S.M., Lang Camelia, Koka S., Boini K.M., Huber S.M., Lang F., *Effect of cyclosporine on parasitemia and survival of Plasmodium berghei infected mice*, Science\_Citation\_Expended, BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 376, 2008, P.494 - 498
39. Lang F., Huber S.M., Lang Camelia, Huber S.M., Lang F., *Organic osmolyte channels in malaria-infected erythrocytes*, Science\_Citation\_Expended, BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 376, 2008, P.514 - 518
40. Laszlo Zoltan, Tóthmérész Béla , *Optimal clutch size of the gall wasp Diplolepis rosae (Hymenoptera: Cynipidae)*, Science\_Citation\_Expended, ENTOMOLOGICA FENNICA, 19 , 2008, P.168 - 175
41. Czechowski Wojciech, Marko Balint, Radchenko Alexander, *Rubbish dumps reveal the diet of ant colonies: Myrmica schencki Em. and Myrmica rubra (L.) (Hymenoptera: Formicidae) as facultative pollen-eaters* , Science\_Citation\_Expended, POLISH JOURNAL OF ECOLOGY, 56(4) , 2008, P.737 - 741

42. **Onac Petroniu Bogdan, Zak Karel, Perosiu Aurel**, *Cryogenic carbonates in cave environments: a review*, Science\_Citation\_Expended, QUATERNARY INTERNATIONAL, 187, 2008, P.84 - 96
43. **Onac Petroniu Bogdan, Constantin Silviu**, *Archives of climate and environmental change in karst*, Science\_Citation\_Expended, QUATERNARY INTERNATIONAL, 187, 2008, P.1 - 4
44. **Onac Petroniu Bogdan, Pace-Graczyk Kali, Atudorei Viorel**, *Stable isotope study of precipitation and cave drip water in Florida (USA): implications for speleothem-based paleoclimate studies*, Science\_Citation\_Expended, ISOTOPES IN ENVIRONMENTAL AND HEALTH STUDIES, 44, 2, 2008, P.149 - 161
45. **Onac Petroniu Bogdan, Tamas Tudor**, *Selected papers of the 9th Symposium of the European Society for Isotope Research (ESIR) - Guest Editorial*, Science\_Citation\_Expended, ISOTOPES IN ENVIRONMENTAL AND HEALTH STUDIES, 44, 2, 2008, P.127 - 128
46. **Pap Peter Laszlo, Barta Zoltan, Vagasi Csongor, Czirjak Gabor**, *Diet quality affects post-nuptial molt and feather quality of the house sparrow (*Passer domesticus*): interaction with humoral immune function?*, Science\_Citation\_Expended, CANADIAN JOURNAL OF ZOOLOGY-REVUE CANADIENNE DE ZOOLOGIE, 86, 2008, P.834 - 842
47. **Simon Alpar, Anghel Sorin Dan, Papp Judit**, *Optimum working parameters for the plasma needle used for bacterial deactivation*, Science\_Citation\_Expended, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 10, No. 8, 2008, P.2077 - 2081
48. **Thieme Ramona, Rakosy Lenuta**, *Novel somatic hybrids (*Solanum tuberosum L.* + *Solanum tannii*) and their fertile BC1 progenies express extreme resistance to potato virus Y and late blight*, Science\_Citation\_Expended, THEORETICAL AND APPLIED GENETICS, 116, 2008, P.691 - 700
49. **Enyedi Márton Zsolt, Ruprecht Eszter-Karolina, Deák Mónika**, *Long-term effects of the abandonment of grazing on steppe-like grasslands*, Science\_Citation\_Expended, APPLIED VEGETATION SCIENCE, 11, 2008, P.55 - 62
50. **Ruprecht Eszter-Karolina, Donath Tobias W., Otte Annette, Eckstein R. Lutz**, *Chemical effects of a dominant grass on seed germination of four familial pairs of dry grassland species*, Science\_Citation\_Expended, SEED SCIENCE RESEARCH, 18, 2008, P.239 - 248
51. **Bartha Sándor, Ruprecht Eszter-Karolina, Kun András, Házi Judit, Horváth András, Virág Klára, Molnár Zsolt**, *Will interannual variability in sand grassland communities increase with climate change?*, Science\_Citation\_Expended, COMMUNITY ECOLOGY, 9, 2008, P.13 - 21
52. **Szekely Gyongyi, Abraham Edit, Ayaydin Ferhan, Cseplo Agnes, Csiszar Jolan, Jasik Jan, Koncz Csaba, Rigo Gabor, Strizhov Nicolai, Zsigmond Laura, Szabados Laszlo**, *Duplicated P5CS genes of *Arabidopsis* play distinct roles in stress regulation and developmental control of proline biosynthesis*, Science\_Citation\_Expended, PLANT JOURNAL, 53(1), 2008, P.11 - 28
53. **Zsigmond Laura, Szekely Gyongyi, Darula Zsuzsa, Koncz Csaba, Otvos Krisztina, Medzihradszky Katalin, Rigo Gabor, Szabados Laszlo, Szekely Gyongyi, Szarka Andras, Koncz Zsuzsa**, **Arabidopsis PPR40* connects abiotic stress responses to mitochondrial electron transport*, Science\_Citation\_Expended, PLANT PHYSIOLOGY, 146(4), 2008, P.1721 - 1737
54. **Mosbrugger Volker, Mosbrugger Volker, Mosbrugger Volker, Mosbrugger Volker, Brewer Simon, Klotz Stefan, Feurdean Angelica, Feurdean Angelica, Feurdean Angelica, Feurdean Angelica, Tamas Tudor, Wohlfarth Barbara**, *Lateglacial climate development in NW Romania — Comparative results from three quantitative pollen-based methods*, Science\_Citation\_Expended, PALAEOGEOGRAPHY PALAEOClimATOLOGY PALAEOECOLOGY, 265, 1-2, 2008, P.121 - 133



## Activitatea pentru FACULTATEA DE BIOLOGIE SI GEOLOGIE

Domeniul	Numar total de lucrari ISI	relativ de influenta total	% raportate	Numar de articole raportate	Scor relativ de infl. raportat Personal de baza	Scor relativ de infl.cumulat Personal asociat	Numar total articole in reviste fara scor relativ de influenta
Biologie	15din care: 15 pers baza 0 pers. asociat 6 fara scor relativ de infl.	32.3808	55	8.25	17.8094	0	3.3
Stiinta mediului			30	4.5	9.7142	0	1.8
Biotehnologii			15	2.25	4.85712	0	0.9
Geologie	19 din care: 18 pers baza 1 pers. Asociat (fara factor de impact)	19.49549	50	9	9.4777	0	1
Inginerie geologica			50	9	9.4777	0	0

### Articole publicate in reviste recunoscute ISI

**1. Balintoni I.Ioan Coriolan, Balica Constantin, Ducea Mihai Nicolaie, Hann Horst Peter, Sabliovschi Victor,**  
*The anatomy of a Gondwanan terrane: The Neoproterozoic–Ordovician basement of the pre-Alpine Sebes–Lotru composite terrane (South Carpathians, Romania)* , Science\_Citation\_Expended, GONDWANA RESEARCH, doi:10.1016/j.gr.2009.08.003 , 2009, P.1 - 12

- 2. Balintoni I.Ioan Coriolan, Balica Constantin, Ducea Mihai Nicolaie, Chen Fukun, Hann Horst Peter, Sabliovscu Victor, Late Cambrian-Early Ordovician Gondwanan terranes in the Romanian Carpathians: A zircon U/Pb provenance study ,** Science\_Citation\_Expended, GONDWANA RESEARCH, 16 , 2009, P.119 - 133
- 3. Balintoni I.Ioan Coriolan, Balica Constantin, Cliveti Monica Julieta, Qiu Li Li, Hann Horst Peter, Chen Fukun, Schuller Volker, The emplacement age of the Muntele Mare Variscan granite (Apuseni Mountains, Romania) ,** Science\_Citation\_Expended, GEOLOGICA CARPATHICA, 60 , 2009, P.495 - 504
- 4. Ujvarosi Lujza, Balint Miklos, Botosaneanu Lazare, Taxonomic revision of Rhyacophila aquitanica (Trichoptera, Rhyacophilidae), based on molecular and morphological evidence and change of taxonomic status of Rhyacophila aquitanica ssp. carpathica to Rhyacophila carpathica stat.n. ,** Science\_Citation\_Expended, ZOOTAXA, 2148, 2009, P.39 - 48
- 5. Ujvarosi Lujza, Pauls Steffen, Theissinger Kathrin, Balint Miklos, Haase Peter, Patterns of population structure in two closely related, partially sympatric caddisflies in Eastern Europe: histories introgression, limited dispersal and cryptic diversity ,** Science\_Citation\_Expended, JOURNAL OF THE NORTH AMERICAN BENTHOLOGICAL SOCIETY, 28 , 2009, P.517 - 536
- 6. Ionescu Maria Irina Corina, Hoeck Volker, Koller Friedrich, Balintoni I.Ioan Coriolan, The Eastern Carpathians "ophiolites" (Romania): Remnants of a Triassic ocean ,** Science\_Citation\_Expended, LITHOS, 108doi 10.1016/j.lithos.2008.08.001 , 2009, P.151 - 171
- 7. Banciu Horia Leonard, Geelhoed Jeanine S., Sorokin D.Y., Epping E. , Tourova Tatyana, Muyzer G., Stams Alfons J., Van Loosdrecht Mark C. M., Microbial sulfide oxidation in the oxic-anoxic transition zone of freshwater sediment: involvement of lithoautotrophic Magnetospirillum strain J10 ,** Science\_Citation\_Expended, FEMS MICROBIOLOGY ECOLOGY, 70, 1, 2009, P.54 - 65
- 8. Barbu Tudoran Lucian, Studies on the synthesis of europium activated yttrium oxide by wet-chemical method: 1. Influence of precursor quality on phosphor photoluminescence properties.,** Science\_Citation\_Expended, JOURNAL OF ALLOYS AND COMPOUNDS, 471(1-2), 2009, P.421 - 427
- 9. Cadis Adrian Ionut, Tomsa Adrian-Raul, Bica Ecaterina, Barbu Tudoran Lucian, Silaghi-Dumitrescu Luminita, Popovici Elisabeth-Jeanne, Preparation and characterization of manganese doped zinc sulphide nanocrystalline powders with luminescent properties ,** Science\_Citation\_Expended, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, 54, 3, 2009, P.23 - 29
- 10. Bica Ecaterina, Muresan Laura Elena, Barbu Tudoran Lucian, Indrea Emil, Popescu Ionel-Catalin, Popovici Elisabeth-Jeanne, Studies on WO<sub>3</sub> thin films prepared by dip-coating method ,** Science\_Citation\_Expended, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, LIV, 3, 2009, P.15 - 22
- 11. Danciu Virginia, Peter Anca, Baia Monica Maria, Toderas Felicia, Lazar Mihaela, Barbu Tudoran Lucian, Photocatalysts based on gold - titania composites ,** Science\_Citation\_Expended, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, LIV , 2009, P.161 - 172
- 12. Muresan Laura Elena, Popovici Elisabeth-Jeanne, Grecu Rodica Steluta, Barbu Tudoran Lucian, Studies On The Synthesis Of Europium Activated Yttrium Oxide By Wet-Chemical Method. 1. Influence Of Precursor Quality On Phosphor Photo-luminescence Properties ,** Science\_Citation\_Expended, JOURNAL OF ALLOYS AND COMPOUNDS, 471, 2009, P.421 - 427
- 13. Parvu Marcel, Parvu Alina-Elena, Craciun Constantin, Barbu Tudoran Lucian, Puscas Mihai , Ultrastructure and Development of Anthracoidea Elynæ Ustilosporæ ,** Science\_Citation\_Expended, NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, 37 (1) , 2009, P.41 - 44

14. **Bedelean Horia Stefan, Maicaneanu Sanda Andrada, Burca Silvia, Stanca Maria**, Removal of heavy metal ions from wastewaters using natural clays, Science\_Citation\_Expended, CLAY MINERALS, vol. 44, nr.4, 2009, P.487 - 495
15. **Maicaneanu Sanda Andrada, Bedelean Horia Stefan, Burca Silvia, Stanca Maria**, Heavy Metal Ions Removal from Model Wastewaters Using Orasul Nou (Transilvania, Romania) Bentonite Sample, Science\_Citation\_Expended, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, LIV(3), 2009, P.127 - 140
16. **Har Nicolae, Gorea Maria, Benea Ion Marcel**, Mineralogy of degradation processes affecting the mortar from Buru dam (Ariesului valley, Cluj county) , Science\_Citation\_Expended, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, LIV/1 , 2009, P.253 - 264
17. **Frentiu Tiberiu, Gorea Maria, Anghel Sorin Dan, Benea Ion Marcel, Simon Alpar, Har Nicolae, Cordos Emil, Popescu Adrian**, Caracterizarea fizico-chimica si mineralogica a argilei de Halmagiu (judetul Arad, Romania – materie prima pentru industria ceramica/Physical-chemical and mineralogical characterization of the Halmagiu clay (Arad County, Romania) – as raw materialfor ceramic industry, Science\_Citation\_Expended, REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS , 39 (2), 2009, P.148 - 155
18. **Gorea Maria, Benea Ion Marcel, Har Nicolae**, Caracterizarea fizico-chimica si mineralogica a argilei de Halmagiu (judetul Arad, Romania) – materie prima pentru industria ceramica/Physical-chemical and mineralogical characterization of the Halmagiu clay (Arad County, Romania) – as raw materialfor ceramic industry , , Science\_Citation\_Expended, REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS , 39(2), 2009, P.148 - 155
19. **Bucur Ioan, Kiessling Wolfgang, Scasso Roberto**, Re description and neotypification of Archamphiroa jurassica Steinmann 1930, a calcareous red alga from the Jurassic of Argentina, Science\_Citation\_Expended, JOURNAL OF PALEONTOLOGY, 83 nr.6, 2009, P.961 - 967
20. **Bucur Ioan, Munnecke Axel, Granier Bruno, YAN JIAJIN**, Remarks on the Permian dasycladalean alga Sinoporella leei Yabe, 1949., Science\_Citation\_Expended, GEOBIOS, 42, 2009, P.221 - 231
21. **Recke Andreas , Sitaru Cassian, Vidarsson Gestur , Evensen Mirja, Chiriac Mircea-Teodor, Ludwig Ralf J., Zillikens Detlef**, Pathogenicity of IgG subclass autoantibodies to type VII collagen: Induction of dermal-epidermal separation , Science\_Citation\_Expended, JOURNAL OF AUTOIMMUNITY, in press xxx (2009) 1-10 , 2009, P.1 - 10
22. **Godefroit Pascal, Codrea Vlad Aurel**, Osteology of Zalmoxes shqiperorum (Dinosauria, Ornithopoda), based on new specimens from the Upper Cretaceous of Nalat-Vad (Romania)., Science\_Citation\_Expended, GEODIVERSITAS, 31 (3), 2009, P.525 - 553
23. **Moga Ioan Cosmin, Hartel Tibor, David Alin, Coroiu Ioan, Hartel Tibor, Moga Ioan Cosmin**, Species richness - pond area relationships in amphibians and birds in two Natura 2000 protected areas of Romania., Science\_Citation\_Expended, COMMUNITY ECOLOGY, 10, 2009, P.159 - 164
24. **Raiz Julija , Damert Annette, Schumann Gerald G. , Horn Axel V. , Löwer Johannes , Löwer Roswitha , Xing Jinchuan , Wang Hui , Batzer Mark , Raiz Julija** , 5'-Transducing SVA retrotransposon groups spread efficiently throughout the human genome, Science\_Citation\_Expended, GENOME RESEARCH, 19,11, 2009, P.1992 - 2008
25. **Binai Nadine , Damert Annette, Binai Nadine , Carra Gert , Steckelbroeck Stephan , Wessler Silja , Löwer Johannes , Löwer Roswitha** , Expression of estrogen receptor alpha increases leptin-induced STAT3 activity in breast cancer cells. , Science\_Citation\_Expended, INTERNATIONAL JOURNAL OF CANCER, epub, Oct 28 , 2009, P.1 - 36
26. **Onac Petroniu Bogdan, Sumrall Jonathan, Tamas Tudor, Povara Ioan, Kearns Joe, Darmiceanu Emiliana-**

**Veronica, Veres Daniel, Lascu Cristian, The relationship between cave minerals and H<sub>2</sub>S-rich thermal waters along the Cerna Valley (SW Romania),** Science\_Citation\_Expended, ACTA CARSOLOGICA, 38, 1, 2009, P.27 - 39

**27. Dragos Nicolaie, Velea Sanda, Serban Sever, Ilie Lucia, Stalpeanu Daniela, Nicoara Ana, Stepan Emil, Biological sequestration of carbon dioxide from thermal power plant emissions, by absorbtion in microalgal culture media,** Science\_Citation\_Expended, ROMANIAN BIOTECHNOLOGICAL LETTERS, 14, 4, 2009, P.4485 - 4500

**28. Csergö Anna-Mária, Gafta Dan Calin, Csergö Anna-Mária, Nemes Szilard, Demeter Laszlo, Jakab Samuel, Two-scale modelling of Saponaria bellidifolia Sm. (Caryophyllaceae) abundance on limestone outcrops from its northern range periphery (Southeastern Carpathians) ,** Science\_Citation\_Expended, PLANT ECOLOGY, 203 , 2009, P.229 - 242

**29. Ionescu Maria Irina Corina, Hoeck Volker, Koller Friedrich, Tomek Cestmir, Besutiu Lucian, New insights into the basement of the Transylvanian Depression ,** Science\_Citation\_Expended, LITHOS, 108 doi: 10.1016/j/lithos.2008.06.004 , 2009, P.172 - 191

**30. Horvat Daniel , Mogos Mihai , Catanas Cosmin , Jakab Endre, Rus Eleonora Maria, Marian Iuliu, Electrical Characteristics of a biobattery with *Staphylococcus aureus*,** Science\_Citation\_Expended, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, LIV, 3, 2009, P.31 - 36

**31. Keul Anca, Keul Anca Livia, Farcas Sorina, Allozyme Variation of Coniferous Tree Species from Maramures Mountains, Romania ,** Science\_Citation\_Expended, NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, Not. Bot. Hort. Agrobot. 37 (2) , 2009, P.245 - 251

**32. Lang F., Huber S.M., Lang Camelia, Koka S., Boini K.M., Huber S.M., Lang F., Influence of paclitaxel on parasitemia and survival of *Plasmodium falciparum berghei* infected mice,** Science\_Citation\_Expended, CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, 23, 2009, P.191 - 198

**33. Huber S.M., Lang F., Lang Camelia, Kasinathan R.S., Koka S., Shumilina E., Foller M., Lang F., Huber S.M., Accelerated clearance of Plasmodium-infected erythrocytes in sickle cell trait and annexin-A7 deficiency,** Science\_Citation\_Expended, AAPG BULLETIN, 24, 2009, P.415 - 428

**34. Marko Balint, Czechowski Wojciech, Godzinska Ewa Joanna, Corpse carrying in ants (*Hymenoptera: Formicidae*): behavioural side effect of aggressive arousal or competitive signaling? ,** Science\_Citation\_Expended, POLISH JOURNAL OF ECOLOGY, 57, 2 , 2009, P.341 - 352

**35. Onac Petroniu Bogdan, Bernhardt Heinz-Jurgen, Effenberger Herta, Authigenic burbankite in the Cioclovina Cave sediments (Romania),** Science\_Citation\_Expended, EUROPEAN JOURNAL OF MINERALOGY, 21, 2009, P.507 - 514

**36. Onac Petroniu Bogdan, Effenberger Herta, Apatite-(CaOH) in the fossil bat guano deposit from the "dry" Cioclovina Cave, Sureanu Mountains, Romania: Discussion,** Science\_Citation\_Expended, CANADIAN MINERALOGIST, 47, 2009, P.207 - 208

**37. Pap Peter Laszlo, Vagasi Csongor, Czirjak Gabor, Titilincu Adriana, Pintea Adela, Barta Zoltan, Carotenoids modulate the effect of coccidian infection on the condition and immune response in moulting house sparrows ,** Science\_Citation\_Expended, JOURNAL OF EXPERIMENTAL BIOLOGY, 212 , 2009, P.3228 - 3235

**38. Stoate Chris, Rakosy Laszlo, Stoate Chris, Baldi A., Boatman N.D., Herzon I., Doorn van A., Snoo de G.R., Ramwell C., Beja P., Ecological impacts of early 21st century agricultural ,** Science\_Citation\_Expended, JOURNAL OF ENVIRONMENTAL MANAGEMENT, 91 , 2009, P.22 - 46

**39. Kaminski Michael A. , Silye Lorand, Kender Severyn , Miocene deep-water agglutinated foraminifera from the Lomonosov Ridge and the opening of the Fram Strait,** Science\_Citation\_Expended, MICROPALAEONTOLOGY, 55 (2-

3), 2009, P.117 - 135

**40. Kovács Béla, Piper Steven, Vallner Judit, Hobson Keith, Szép Tibor, Szabo Daniel Zoltan, Moller Anders Pape,** *Comparison of trace element and stable isotope approaches to the study of migratory connectivity: an example using two hirundine species breeding in Europe and wintering in Africa*, Science\_Citation\_Expended, JOURNAL OF ORNITHOLOGY, DOI 10.1007/s10336-009-0382-6, 2009, P.1 - 16

**41. Tantau Ioan, Reille Maurice, Beaulieu de Jacques-Louis, Farcas Sorina, Brewer Simon,** *Holocene vegetation history in Romanian Subcarpathians* , Science\_Citation\_Expended, QUATERNARY RESEARCH, 72, 2009, P.164 - 173

**42. PENDEA Florin , PENDEA Florin , PENDEA Florin , Tantau Ioan, Gray James, Ghaleb Bassam, Nicorici Corina, Badarau Alexandru Sabin Gri,** *Episodic build-up of alluvial fan deposits during the Weichselian Pleniglacial in the western Transylvanian Basin, Romania and their paleoenvironmental significance* , Science\_Citation\_Expended, QUATERNARY INTERNATIONAL, 198 , 2009, P.98 - 112

## Activitatea pentru FACULTATEA DE BIOLOGIE SI GEOLOGIE

Domeniul	Numar total de lucrari ISI	relativ de influenta total	% raportate	Numar de articole raportate	Scor relativ de infl. raportat Personal de baza	Scor relativ de infl.cumulat Personal asociat	Numar total articole in reviste fara scor relativ de influenta
Biologie	36 din care: 23 pers baza 3 pers. asociat 10 fara scor relativ de infl.	53.79409	55	12.65	29.0652	0.94819	5.5
Stiinta mediului			30	6.9	15.8537	0	3
Biotehnologii			15	3.45	7.9269	0	1.5
Geologie	26 din care: 24 pers baza 2 pers. Asociat	62.15221	50	12	30.7746	0.6029	0
Inginerie geologica			50	12	30.7746	0	0

### Articole publicate in reviste recunoscute ISI

- Ionescu Maria Irina Corina, Balintoni I.Joan Coriolan, Hoeck Volker, Reply to D. Pana's discussion on "The Eastern Carpathians 'ophiolites' (Romania): remnants of a Triassic ocean" [Lithos 108 (2009) 151-171] , Science\_Citation\_Expended, LITHOS, 115, 2010, P.283 - 287**
- Coimbra M, Banciu Manuela, Cabaj M, deSmet L, Fens Marcel H , Schiffelers Raymond M , Storm Gert, Liposomal pravastatin inhibits tumor growth by targeting cancer-related inflammation, Science\_Citation\_Expended,**

3. **Cadis Adrian Ionut, Popovici Elisabeth-Jeanne, Bica Ecaterina, Barbu Tudoran Lucian**, *Studies on the synthesis of manganese doped zinc sulphide nanocrystalline powders*, Science\_Citation\_Expended, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, 55(1), 2010, P.265 - 271
4. **Parvu Marcel, Parvu Alina-Elena, Craciun Constantin, Barbu Tudoran Lucian, Rosca-Casian Oana, Molnár Andrea Éva, Tamas Mircea, Vlase Laurian**, *Changes in Botrytis cinerea Conidia Caused by Berberis vulgaris Extract*, Science\_Citation\_Expended, NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, 38,3, 2010, P.15 - 20
5. **Popovici Elisabeth-Jeanne, Nazarov Mihail , Muresan Laura Elena, Noh Do Young , Barbu Tudoran Lucian, Bica Ecaterina, Indrea Emil**, *Synthesis and characterisation of terbium activated yttrium tantalate phosphor*, Science\_Citation\_Expended, JOURNAL OF ALLOYS AND COMPOUNDS, 497, 1-2, 2010, P.201 - 209
6. **Cadis Adrian Ionut, Popovici Elisabeth-Jeanne, Bica Ecaterina, Perhaita Ioana Mihaela, Barbu Tudoran Lucian, Indrea Emil**, *On the preparation of manganese-doped zinc sulphide nanocrystalline powders using the wet-chemical synthesis route*, Science\_Citation\_Expended, CHALCOGENIDE LETTERS, 7, 11, 2010, P.631 - 640
7. **Har Nicolae, Rusz Ottilia, Codrea Vlad Aurel, Barbu Ovidiu**, *NEW DATA ON THE MINERALOGY OF THE SALT DEPOSIT FROM SOVATA (MURES COUNTY-ROMANIA)*, Science\_Citation\_Expended, CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES , 5/2, 2010, P.127 - 135
8. **Beldean Claudia-Mariana, Filipescu Sorin, Balc Ramona**, *An Early Miocene biserial foraminiferal event in the Transylvanian Basin (Romania)*, Science\_Citation\_Expended, GEOLOGICA CARPATHICA, 61, 2010, P.227 - 234
9. **Benea Ion Marcel, Gorea Maria, Har Nicolae**, *Tegular material from Sarmizegetusa – (2) Mineralogical and physical characteristics of the raw material*, Science\_Citation\_Expended, REVISTA ROMANA DE MATERIALE- ROMANIAN JOURNAL OF MATERIALS , 40, 3, 2010, P.228 - 236
10. **Bucur Ioan, Granier Bruno, Schlagintweit Felix**, *Steinmanniporella, a new genus name for „Linoporella” with two orders of laterals*, Science\_Citation\_Expended, FACIES, 56, 2, 2010, P.317 - 321
11. **Bucur Ioan, Granier Bruno, Sasaran Emanoil**, *Zittelina massei n. sp., a new dasycladacean alga from the Lower Cretaceous strata of Padurea Craiului (Apuseni Mountains, Romania)*, Science\_Citation\_Expended, FACIES, 56, 3, 2010, P.445 - 457
12. **Robertson Alastair, Ionescu Maria Irina Corina, Bucur Ioan, Hoeck Volker, Koller Friedrich, Onuzi Kujtim, Ghega Dashamir**, *Emplacement of the Jurassic Mirdita ophiolites (southern Albania): evidence from associated clastic and carbonate sediments*, Science\_Citation\_Expended, INTERNATIONAL JOURNAL OF EARTH SCIENCES, 2010, 2010, P.1 - 24
13. **Carpa Rahela, Keul Anca Livia, Dobrota Cristina Teodora, Muntean Vasile**, *Molecular identification of diazotroph microbial consortia in mountain soil* , Science\_Citation\_Expended, CENTRAL EUROPEAN JOURNAL OF BIOLOGY, 5 (5) , 2010, P.664 - 673
14. **Carpa Rahela, Dobrota Cristina Teodora, Keul Anca Livia, Maior Maria Cornelia, Muntean Vasile, Dragan Bularda Mihai**, *Influence of pH on growth and nitrogen fixation in bacterial strains isolated from altitudinal vegetation zones of Parang Mountains (Romania)*, Science\_Citation\_Expended, ANNALS OF SCIENCE, XVII/1, 2010, P.76 - 83
15. **Carpa Rahela, Bodoczi Andreea ,** *The quantitative variation of some ecophysiological group of bacteria from Aries River sediments affected by pollution* , Science\_Citation\_Expended, CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES , 5 (2) , 2010, P.145 - 152

16. **Sitaru Ana Gabriela, Sesarman Alina, Mihai Sidonia, Chiriac Mircea-Teodor, Zillikens Detlef, Hultman Per, Solbach Werner, Sitaru Cassian**, *T cells are required for the production of blister-inducing autoantibodies in experimental epidermolysis bullosa acquisita*, Science\_Citation\_Expended, JOURNAL OF IMMUNOLOGY, 184 , 2010, P.1596 - 1603
17. **Chiriac G, Baican Corina, Baican Adrian, Chiriac Mircea-Teodor, Macovei Victorina, Zillikens Detlef, Ciuce D, Sitaru Cassian**, *Pemphigus vulgaris is the most common autoimmune bullous disease in Northwestern Romania*, Science\_Citation\_Expended, INTERNATIONAL JOURNAL OF DERMATOLOGY, 49(7), 2010, P.768 - 774
18. **Codrea Vlad Aurel, Brasovan Andreea-Gabriela, Campean Ramona-Flavia**, *Recycling of power station coal ash via magnetic separation provides raw material for powder metallurgy*, Science\_Citation\_Expended, METALURGIA INTERNATIONAL, XV, 7, 2010, P.40 - 43
19. **Weishampel David, Codrea Vlad Aurel, Weishampel David, Csiki Zoltan, Benton Michael, Grigorescu Dan, Palaeobiogeographic relationships of the Hateg biota — Between isolation and innovation.**, Science\_Citation\_Expended, PALAEOGEOGRAPHY PALAECLIMATOLOGY PALAEOECOLOGY, 293, 2010, P.419 - 437
20. **Codrea Vlad Aurel, Vremira Matei, Jipa-Murzea Catalin-Constantin, Farcas Cristina, Csiki Zoltan, Godefroit Pascal, Smith Thierry**, *More than just Nopcsa's Transylvanian dinosaurs: A look outside the Hateg Basin.*, Science\_Citation\_Expended, PALAEOGEOGRAPHY PALAECLIMATOLOGY PALAEOECOLOGY, 293, 2010, P.391 - 405
21. **Csiki Zoltan, Codrea Vlad Aurel, Csiki Zoltan, Grigorescu Dan, Therrien Francois**, *Taphonomic modes in the Maastrichtian continental deposits of the Hateg Basin, Romania—Palaeoecological and palaeobiological inferences.*, Science\_Citation\_Expended, PALAEOGEOGRAPHY PALAECLIMATOLOGY PALAEOECOLOGY, 293, 2010, P.375 - 390
22. **Grigorescu Dan, Codrea Vlad Aurel, Grigorescu Dan, Garcia Geraldine, Csiki Zoltan, Bojar Ana-Voica, Godefroit Pascal**, *Uppermost Cretaceous megaloolithid eggs from the Hateg Basin, Romania, associated with hadrosaur hatchlings: Search for explanation.*, Science\_Citation\_Expended, PALAEOGEOGRAPHY PALAECLIMATOLOGY PALAEOECOLOGY, 293, 2010, P.360 - 374
23. **Csiki Zoltan, Codrea Vlad Aurel, Csiki Zoltan, Godefroit Pascal, Jipa-Murzea Catalin-Constantin**, *A partial titanosaur (Sauropoda, Dinosauria) skeleton from the Maastrichtian of Nalat-Vad, Hateg Basin, Romania.*, Science\_Citation\_Expended, NEUES JAHRBUCH FÜR GEOLOGIE UND PALAONTOLOGIE-ABHANDLUNGEN, 258, 3, 2010, P.297 - 324
24. **Jaght John, Codrea Vlad Aurel, Jaght John**, *A goniasterid starfish (Echinodermata, Asteroidea) preserved in a mid-Miocene rhyolitic ignimbrite, northwest Romania*, Science\_Citation\_Expended, ACTA GEOLOGICA POLONICA, 60, 2, 2010, P.275 - 282
25. **Roba Carmen Andreea, Codrea Vlad Aurel, Moldovan Mircea Claudiu, Baciu Laurentiu Calin, Cosma Constantin, Radon and radium content of some cold and thermal aquifers from Bihor County (northwestern Romania)**, Science\_Citation\_Expended, GEOFLUIDS, vol.10, nr. 4, 2010, P.571 - 585
26. **Craciun Constantin, Craciun Constantin, Lazau I., Grozescu Ioan**, *Liposomes containing undoped and Au+/Ag+ doped titanium dioxide nanoparticles*, Science\_Citation\_Expended, DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, 5, 3, 2010, P.1075 - 1081
27. **Corneanu Gabriel, Craciun Constantin, Craciun Constantin, Corneanu Mihaela, Zagnat M., Popa Maria**, *The radioprotective effect of deuterium depleted water and polyphenols*, Science\_Citation\_Expended,

28. **Checiu Delia, Craciun Constantin, Craciun Constantin, Checiu Iacob, Checiu Maria**, *Ultrastructural aspects of human immature oocytes*, Science\_Citation\_Expended, BIOTECHNOLOGY LETTERS, 15, 3, 2010, P.5230 - 5235
29. **Keul Anca, Keul Anca Livia, Craciunas Cornelia, Coste Ana, Farago Mariana**, *Discrimination and genetic polymorphism in several cultivar of grapevine by RAPD markers*, Science\_Citation\_Expended, ROMANIAN BIOTECHNOLOGICAL LETTERS, 15, 1, 2010, P.110 - 115
30. **Gafta Dan Calin, Cristea Vasile, Goia Irina Gabriela, Muncaci Sorana, Rosca-Casian O.**, *Eco-coenotic conditions and structure of *Trollius europaeus* L. populations in an extrazonal habitat complex (Transylvanian Carpathian foothills)* , Science\_Citation\_Expended, FLORA, 205 , 2010, P.711 - 720
31. **Krezsek Csaba, Filipescu Sorin, Silye Lorand, Matenco Liviu, Doust Harry**, *Miocene facies associations and sedimentary evolution of the Southern Transylvanian Basin (Romania): Implications for hydrocarbon exploration* , Science\_Citation\_Expended, MARINE AND PETROLEUM GEOLOGY, 27 , 2010, P.191 - 214
32. **De Leeuw Arjan, Vasiliev Iuliana, Filipescu Sorin, Krijgsman Wout, Kuiper Claudia, Stoica Marius, Briceag Andrei**, *The age of the Sarmatian–Pannonian transition in the Transylvanian Basin (Central Paratethys)* , Science\_Citation\_Expended, PALAEOGEOGRAPHY PALAEOLIMATOLOGY PALAEOECOLOGY, 297 , 2010, P.54 - 69
33. **Zagorsek Kamil, Filipescu Sorin, Holcova Katarina**, *New Middle Miocene Bryozoa from Gârbova de Sus (Romania) and their relationship to the sedimentary environment*, Science\_Citation\_Expended, GEOLOGICA CARPATHICA, 61 (6), 2010, P.495 - 512
34. **Forray Ferenc, Smith A.M.L., Drouet C., Navrotsky Alexandra, Wright K., Hudson-Edwards K.A., Dubbin W.E.**, *Synthesis, characterization and thermochemistry of a Pb-jarosite* , Science\_Citation\_Expended, GEOCHIMICA ET COSMOCHIMICA ACTA, 74(1) , 2010, P.215 - 224
35. **Ionescu Maria Irina Corina, Hoeck Volker, Ghergari Lucretia**, *Electron microprobe analysis of ancient ceramics: A case study from Romania*, Science\_Citation\_Expended, APPLIED CLAY SCIENCE, 2010, 2010, P.1 - 10
36. **Ghira Ioan Valeriu, Sloboda M, Mihalca A, Falka I., Carlsson M, Modry D**, *Are gobiid fish more susceptible to predation if parasitized by *Eustrongylides excisus*? An answer from robbed snakes*, Science\_Citation\_Expended, ECOLOGICAL RESEARCH, 25, 2010, P.254 - 258
37. **Ionescu Maria Irina Corina, Fritsch Emmanuel, Simon Viorica, Nagy Szabolcs, Pora Melinda Katalin, Rotea Mihai**, *5th century garnet jewelery from Romania* , Science\_Citation\_Expended, GEMS & GEMOLOGY, 46, 4 , 2010, P.316 - 318
38. **Keul Anca, Keul Anca Livia, Coste Ana, Postolache C, Popescu Flaviu**, *AUTHENTICATION OF VALUABLE GRAPEVINE VARIETIES FROM ROMANIA THROUGH MOLECULAR MARKERS*, Science\_Citation\_Expended, ROMANIAN BIOTECHNOLOGICAL LETTERS, 15, 1, 2010, P.3 - 10
39. **Roman Alina, Mot Augustin, Lupan Iulia, Kurtz DM, Silaghi-Dumitrescu Radu L.**, *Towards the Development of Hemerythrin-Based Blood Substitutes* , Science\_Citation\_Expended, PROTEIN JOURNAL, 29 , 2010, P.387 - 393
40. **Lupan Iulia, Valimareanu Sergiu, Coste Ana, Popescu Octavian**, *Molecular cloning of agglutinin gene from *Galanthus nivalis* for Lettuce transformation* , Science\_Citation\_Expended, ROMANIAN BIOTECHNOLOGICAL LETTERS, 15(2) , 2010, P.69 - 77
41. **Chiriac Maria, Lupan Iulia, Popa Flavia, Palibroda Nicolae, Popescu Octavian**, *Enzymatic synthesis of some*

15N-labelled l-amino acids , Science\_Citation\_Expended, AAPG BULLETIN, 46 , 2010, P.249 - 254

42. **Muntean Vasile**, Inhibition, repression and induction of phosphatase activity in a salt lake sediment, Science\_Citation\_Expended, REVISTA DE CHIMIE, 65, 5, 2010, P.467 - 470

43. **Onac Petroniu Bogdan, Jonathan Wynn, Sumrall Jonathan**, Sulfur isotopic composition and the source of dissolved sulfur species in thermo-minerals springs of the Cerna Valley, Romania, Science\_Citation\_Expended, CHEMICAL GEOLOGY, 271, 2010, P.31 - 43

44. **Onac Petroniu Bogdan, Jeffrey Dorale, Fornos Joan, Gines Joaquim, Gines Angel, Tuccimei Paola, Peate David**, Sea-level highstand 81,000 years ago in Mallorca, Science\_Citation\_Expended, SCIENCE, 327, 2010, P.860 - 863

45. **Onac Bogdan Petroniu , Hauselmann Philipp, Hauselmann Anamaria Diana, Onac Petroniu Bogdan**, Speleogenesis and deposition of sediments in Cioclovina Uscata Cave, Sureanu Mountains, Romania, Science\_Citation\_Expended, ENVIRONMENTAL GEOLOGY, DOI 10.1007/s12665-010-0470, 2010, P.1 - 11

46. **Puscas Cristina Montana, Onac Petroniu Bogdan, Tamas Tudor**, The mineral assemblage of caves within Salitrari Mountain (Cerna Valley, SW Romania): depositional environment and speleogenetic implications, Science\_Citation\_Expended, CARBONATES AND EVAPORITES, 25,2, 2010, P.1 - 9

47. **Pap Peter Laszlo, Vagasi Csongor, Tokolyi Jacint, Czirjak Gabor, Barta Zoltan**, Variation in haematological indices and immune function during the annual cycle in the Great Tit Parus major., Science\_Citation\_Expended, ARDEA, 98, 2010, P.105 - 112

48. **Pap Peter Laszlo, Czirjak Gabor, Vagasi Csongor, Barta Zoltan, Hasselquist Dennis**, Sexual dimorphism in immune function changes during the annual cycle in the house sparrows. Naturwissenschaften 97: 891-901. pdf, Science\_Citation\_Expended, NATURWISSENSCHAFTEN, 97, 2010, P.891 - 901

49. **Pap Peter Laszlo, Vagasi Csongor, Osvath Gergely, Muresan Cosmin, Barta Zoltan**, Seasonality in the uropygial gland size and feather mite abundance in house sparrows: natural covariation and an experiment , Science\_Citation\_Expended, JOURNAL OF AVIAN BIOLOGY, 41 , 2010, P.653 - 661

50. **Vagasi Csongor, Pap Peter Laszlo, Barta Zoltan**, Haste Makes Waste: Accelerated Molt Adversely Affects the Expression of Melanin-based and Depigmented Plumage Ornaments in House Sparrows, Science\_Citation\_Expended, PLOS BIOLOGY, 5, 2010, P.14215 - 14220

51. **Parvu Marcel, Vlase Laurian, Toiu Alina, Parvu Alina-Elena**, Determination of some polyphenolic compounds from Allium species by HPLC-UV-MS' , Science\_Citation\_Expended, NATURAL PRODUCT RESEARCH, 24,14 , 2010, P.1318 - 1324

52. **Parvu Marcel, Parvu Alina-Elena, Rosca-Casian Oana, Vlase Laurian, Groza Gheorghe**, ANTIFUNGAL ACTIVITY OF ALLIUM OBLIQUUM , Science\_Citation\_Expended, JOURNAL OF MEDICINAL FOOD, 4(2) , 2010, P.138 - 141

53. **Parvu Marcel, Vlase Laurian, Toiu Alina, Parvu Alina-Elena, Cobzac Simona Codruta Auror, Puscas Mihai**, Rapid and simple Analysis of ALLICIN IN ALLIUM SPECIES BY LC-CIS-MS/MS, Social\_Sciences\_Citation, ABACUS-A JOURNAL OF ACCOUNTING FINANCE AND BUSINESS STUDIES, LV, 4, 2010, P.297 - 304

54. **Podar Dorina, Sanders Dale**, Biofortification of barley grains by cell-type-specific expression of a vacuolar metal transporter, Science\_Citation\_Expended, ROMANIAN BIOTECHNOLOGICAL LETTERS, 15, 2, 2010, P.117 - 119

55. **Rakosy Lenuta, Aurori Adriana, Dijkstra Camelia, Maior Maria Cornelius**, Generating marker free transgenic potato cultivars with an hairpin construct of PVY coat protein, Science\_Citation\_Expended, ROMANIAN

56. **Thieme Ramona, Rakosy Lenuta, Nachtigall Marion, Schubert Joerg, Antonova Olga, Gavrilenco Tatiana, Thieme Thomas**, *Characterization of multiple resistance traits of somatic hybrids between Solanum cardiophyllum Lindl. and two commercial potato cultivars* , Science\_Citation\_Expended, PLANT CELL REPORTS, 29 , 2010, P.1187 - 1201
57. **Covaciuc-Marcov Severus Daniel, Rosioru Corina Luminita, Covaciuc-Marcov Severus Daniel, Sas István**, *Hot winters: new thermal habitats with frogs active in winter in north-western Romania* , Zoological\_Record, NORTH-WESTERN JOURNAL OF ZOOLOGY, 7 , 2010, P.1 - 6
58. **Ruprecht Eszter-Karolina, Enyedi Márton Zsolt, Eckstein R. Lutz, Donath Tobias W.**, *Restorative removal of plant litter and vegetation 40 years after abandonment enhances re-emergence of steppe grassland vegetation*, Science\_Citation\_Expended, BIOLOGICAL CONSERVATION, 143, 2010, P.449 - 456
59. **Ruprecht Eszter-Karolina, Józsa János, Ölvedi Tamás Botond, Simon Júlia**, *Differential effects of several "litter" types on the germination of dry grassland species*, Science\_Citation\_Expended, JOURNAL OF VEGETATION SCIENCE, 21, 2010, P.1069 - 1081
60. **Szabo Daniel Zoltan, Szep Tibor**, *Breeding dispersal patterns within a large Sand Martin (Riparia riparia) colony* , Science\_Citation\_Expended, JOURNAL OF ORNITHOLOGY, DOI 10.1007/s10336-009-0443-x , 2010, P.185 - 191
61. **Szekely Gyongyi, Kelemen Beatrice, Szekely Gyongyi, Popescu Octavian, Demeter Szabolcs** , *Genetic Variation at 15 Polymorphic, Autosomal, Short Tandem Repeat Loci of Two Hungarian Populations in Transylvania, Romania* , Science\_Citation\_Expended, CROATIAN MEDICAL JOURNAL, 51 , 2010, P.483 - 491
62. **McDermott Frank, Johnston Vanessa E., Tamas Tudor**, *A radiocarbon dated bat guano deposit from N.W. Romania: Implications for the timing of the Little Ice Age and Medieval Climate Anomaly* , Science\_Citation\_Expended, PALAEOGEOGRAPHY PALAECLIMATOLOGY PALAEOCOLOGY, 291 , 2010, P.217 - 227
63. **Feurdean Angelica, Tantau Ioan, Feurdean Angelica, Willis Katherine, Parr Catherine, Farcas Sorina**, *Post-glacial patterns in vegetation dynamics in Romania: homogenization or differentiation?* , Science\_Citation\_Expended, JOURNAL OF BIOGEOGRAPHY, 37(11) , 2010, P.2197 - 2215