

## List of Publications

*1141 titles (76 Books + 914 Scientific papers)/(280 published in ISI journal) + 151 Patents)*

**Books 76 (Treaties - 2, Monography - 32, University Courses - 5, Volume Editor – 16, Book Chapters - 21)**

### A. Books (34):

1. **I. SANDU**, S. PRUTEANU, I.C.A. SANDU, V. VASILACHE, **Curatarea picturilor vechi**, Ed. Universitații Alexandru Ioan Cuza Iași, 2015, 220p. (in print).
2. **I. SANDU**, M.A. CRETU, I.G. SANDU, G. ROMANESCU, **Potabilizarea apelor subterane si de supratata cu materiale ceramice**, Ed. Universitații Alexandru Ioan Cuza Iași, 2015, 320p. (in print).
3. **I. SANDU**, M. CANACHE, A.V. SANDU, V. VASILACHE, **Aerosolii salini în dezvoltarea copiilor**, Ed. Universitații Alexandru Ioan Cuza Iași (ISBN: 978-606-714-099-6), 2015, 242p.;
4. **I. SANDU**, C. ȘTIRBU, A.V. SANDU, C. ȘTIRBU, **Aerosolii salini în îmbun t țirea performanțelor sportivilor**, Ed. Universitații Alexandru Ioan Cuza Iași (ISBN: 978-606-714-179-5), 2015, 330p.
5. **I. SANDU**, **Itinerar stiintific si portrete electiv**e, Ed. Universitatii „Al I. Cuza’ Iasi, (ISSN 2067-2438), 2012, 3267 p.;
6. **I. SANDU**, V. COTIUGA, **Cercetarea criminalistic a bunurilor de patrimoniu i a documentelor falsificate**, Ed. AIT Laboratory Bucuresti (ISBN 978-606-8363-09-7), 2011, 530 p.;
7. **I. SANDU**, V. VASILACHE, **Conservarea amprentelor form i a urmelor materiale**, Ed. AIT Laboratory Bucuresti (ISBN 978-606-8363-09), 2011, 330 p. (predat la editură);
8. G.DROCHIOIU, **I. SANDU**, **Bazele cercetarii in domeniul stiintelor naturii**, Ed. AIT Laboratory Bucuresti, (ISBN 978-606-8363-09), 2011, 264 p. (predat la editură);
9. **I. SANDU**, V. VASILACHE, F.A. TENCARIU, V. COTIUGĂ, **Scientific Conservation of the Ceramic Artefacts**, Al.I.Cuza” University Publishing House, (ISBN 978-973-703-600-1), Iași, 2010, 455 p.;
10. M. QUARANTA, **I. SANDU**, **On the Degradation Mechanisms under Infuence of Pedological Factors through the Study of Archaeological Bronze Patina**, ”Al.I.Cuza” University Publishing House, (ISBN 978-973-703-499-1), Iași, 2010, 191 p.;
11. M. HAYASHI, **I. SANDU**, P. TIANO, N. MACCHIONI, **The Effect of Preservative Intervention on the Chemical-Physical and Structural Chracteristics of Panel Painting**, ”Al.I.Cuza” University Publishing House, (ISBN 978-973-703-476-2), Iași, 2010, 130 p.;
12. **I. SANDU**, M. CHIRAZI, **Ecology of Sports Systems**, Ed. Performantica (ISBN 978-973-703-688-3), Iași, 2010, 274 p.;
13. **I. SANDU**, M. BRÂNZILĂ, I.G. SANDU, **Scientific Conservation of the Stone Monuments**, ”Al.I.Cuza” University Publishing House, (ISBN 978-973-703-476-2), Iași, 2009, 314 p.;
14. V. VASILACHE, **I. SANDU**, **Dispersive Systems and Physical-Chemistry of the Surfaces**, „Ștefan cel Mare” University Publishing House, (ISBN 978-973-703-341-3), Suceava, 2009, 324 p.;
15. V. VASILACHE, **I. SANDU** C.LUCA, I.C.A.SANDU, **News concerning Scientific Conservation of the Old Polychrome Wood** , Ed. Univ. ”Al.I.Cuza”, (ISBN 978-973-703-477-9), Iași, 2009, 282 p.;
16. C. MĂRUTOIU, **I. SANDU**, O. F. MĂRUTOIU, I. GOGOĂȘĂ, **Chemistry of the Restoration of the metallic artefacts**, Ed. Risoprint Cluj Napoca, 2008, 220 p.;
17. **I. SANDU**, **Degradation and Deterioration of the Cultural Heritage**, Vol. I, ”Al.I.Cuza” University Publishing House, (ISBN 978-973-703-341-3/978-973-703-342-0), Iași, 2008, 462 p.;
18. **I. SANDU**, **Degradation and Deterioration of the Cultural Heritage**, Vol. II, ”Al.I.Cuza” University Publishing House, (ISBN 978-973-703-341-3/978-973-703-343-7), Iași, 2008, 538 p.;
19. **I. SANDU**, **Modern Aspects Concerning the Conservation of Cultural Heritage**, vol.V. *Identification of Painting Materials*, Ed. Performantica, (ISBN 973-730-048-3 și 973-730-049-1) Iași, 2007, 780 p.;
20. **I. SANDU**, I.C.A. SANDU, V. VASILACHE, M.L. GEAMAN, **Modern Aspects Concerning the Conservation of Cultural Heritage**, vol.IV. *Determination of the Conservation State and Restauration of the Easel Paintings*, Ed. Performantica, (ISBN 973-730-048-3 și 973-730-242-7) Iași, 2006, 432 p.;
21. I.G. SANDU, **I. SANDU**, A. DIMA, **Modern Aspects Concerning the Conservation of Cultural Heritage**, vol.III. *Autentication and Restauration of the Inorganic Material Artefacts*, Ed. Performantica, (ISBN 973-730-048-3 și 973-730-220-5) Iași, 2006, 502 p.;

22. I.C.A. SANDU, **I. SANDU**, C. LUCA, *Modern Aspects Concerning the Conservation of Cultural Heritage*, vol.II. *Autentication and Determination of the Old Paintings Conservation State*, Ed. Performantica, (ISBN 973-730-048-3 și 973-730-075-0), Iași, 2005, 537 p.;
23. **I. SANDU**, I.G. SANDU, *Modern Aspects Concerning the Conservation of Cultural Heritage*, vol.I. *Nomenclature, typologies and casuistries*, Ed. Performantica, (ISBN 973-730-048-3 și 973-730-049-1) Iași, 2005, 473 p.;
24. **I. SANDU**, *Nomenclature of the Conservation Cultural Heritage*, Ed. Performantica (ISBN 973-7994-90-6), Iași, 2004, 164 p.;
25. **I. SANDU**, I. C. A. SANDU, *Conservation and Restauration Chemistry*, vol I, Ed. Corson (ISBN 973-8225-27-1), Iași, 2002, 1058 p.;
26. **I. SANDU**, I. C. A. SANDU, *Conservation and Restauration Chemistry*, vol II, Ed. Corson (ISBN 973-8225-27-2), Iași, 2002, 668 p.;
27. **I. SANDU**, P. ATIYM, I. C. A. SANDU, *Complements of Structural Biochemistry*, Ed. Dacia, Cluj-Napoca, (ISBN 973-35-1414-4), 2002, 360 p.;
28. **I. SANDU**, I.C.A. SANDU, I. G. SANDU, *Colorimetry in Art*, Ed. Corson, Iași, (ISBN 973-8225-28-0), 2002, 430 p.;
29. **I. SANDU**, A. DIMA, I. G. SANDU, *Restauration and Conservation of Metallic Artefacts*, Ed. Corson, Iași, (ISBN 973-8225-24-8), 2002, 666 p.;
30. I. C. A. SANDU, **I. SANDU**, P. POPOIU, A. van SAANEN *Methodological Aspects Concerning Scientific Conservation of the Cultural Heritage*, Ed. Corson, Iași, (ISBN 973-8225-19-1), 2001, 686 p.;
31. P. van SAANEN, **I. SANDU**, I.C.A.SANDU, *Biochemistry Compendium*, vol I, Ed. Corson, Iași, (ISBN 973-8225-13-2), 2000, 506 p.;
32. **I. SANDU**, I. C. A. SANDU, A. van SAANEN, *Scientific Expertize of the Art Works, vol I*, "Al.I.Cuza" University Publishing House Iași, (ISBN 973-9272-21-5), 1998, 560 p.;
33. **I. SANDU**, I. C. A. SANDU, *Conservation and Restauration Chemistry of the Old Book, vol. I*, "Al.I.Cuza" University Publishing House,, (ISBN 973-9272-22-3), 1998, 610 p.;
34. A.GULEA, **I. SANDU**, M.POPOV, *Inorganic Chemistry Practical Laboratory Works*, Ed. Știința, (ISBN 5-376-01838-5), Kishinev, 1994, 400 p.;

#### B. Student Manuals/University courses (5):

1. **I. SANDU**, A. GULEA, *Leg tura chimic . Structura i propriet ile moleculelor*, Ed. Universității de Stat din Chișinău, 1995, 240 p., FIN =  $2,40 \times 0,2 / 2 = 0,240$ ;
2. **I. SANDU**, S. ȘOVA, A. GULEA, *Structura atomului*, Ed. Universității de Stat din Chișinău, 1994, 148 p., FIN =  $1,48 \times 0,2 / 3 = 0,098$ ;
3. N. CALU, I. BERDAN, **I. SANDU**, *Indrumar de lucr ri practice de chimie anorganic* , vol.I, Ed. Institutului Politehnic "Gh.Asachi" Iași, 1989, 308 pp., FIN =  $3,08 \times 0,1 / 3 = 0,103$ ;
4. N. CALU, I. BERDAN, **I. SANDU**, *Chimie anorganic . Func ia metalic* , vol.II, Ed. Institutului Politehnic "Gh.Asachi" Iași, 1988, 280 p., FIN =  $2,80 \times 0,1 / 3 = 0,093$ ;
5. N. CALU, I. BERDAN, **I. SANDU**, *Chimie anorganic . Starea metalic* , vol.I, Ed. Institutului Politehnic "Gh.Asachi" Iași, 1988, 260 p., FIN =  $2,60 \times 0,1 / 3 = 0,086$ ;

#### C. Proceeding Book Edited as Coordinator (16):

1. **I. SANDU** (Chairman), *Scientific, Technological and Innovative Research in Current European Context (Euroinvent, International Workshop)*, Ed. StudIS, Iasi, (ISBN: 978-606-775-211-3), 2016, 163p. FIN =  $16,3 \times 0,05 / 1 = 8,15$ ;
2. A.V. SANDU, M.M.A.B. ABDULLAH, P. VIZUREANU, N. MAHMED, **I. SANDU** (Editors), *IOP Conference Series: Materials Science and Engineering* (ISSN print 1757-899X), vol. 130, 2016, 310p. FIN =  $3,1 \times 0,05 / 5 = 0,31$ ;
3. A.V. SANDU, M.M.A.B. ABDULLAH, P. VIZUREANU, Z. YANYA, **I. SANDU** (Editors), *Innovative Materials and Engineering Research*, Ed. Trans Tech Publications, Switzerland (ISBN-13: 973-3-03835-559-5)/ *KEY ENGINEERING MATERIALS* (ISSN print 1013-9826, ISSN cd 1662-9809, ISSN web 1662-9795), vol. 660, 2015, 410p. (<http://www.ttp.net/978-3-03835-559-5.html>), FIN =  $4,1 \times 0,05 / 5 = 0,41$ ;
4. **I. SANDU** (Chairman), *Scientific, Technological and Innovative Research in Current European Context (Euroinvent, International Workshop)*, Ed. PIM, Iasi, (ISBN: 978-606-13-2474-3), 2015, 90p. FIN =  $0,9 \times 0,05 / 1 = 0,45$ ;
5. A.V. SANDU, M.M.A.B. ABDULLAH, P. VIZUREANU, Z. YANYA, **I. SANDU**, (Editors), *ICIR 2015, International Conference on Innovative Research*, Ed. PIM, Iasi, (ISBN: 978-606-13-2474-5), 2015, 108p. FIN =  $1,08 \times 0,05 / 5 = 0,011$ ;

6. **I. SANDU** (editor), **Scientific, Technological and Innovative Research in Current European Context (Euroinvent, International Workshop)**, Alexandru Ioan Cuza University Publishing House, (ISBN: 978-606-714-037-8), 2014, 318p. FIN = 3.18x0,05/1 = 1,59;
7. **I. SANDU** (editor), **Scientific, Technological and Innovative Research in Current European Context (Euroinvent, International Workshop)**, Alexandru Ioan Cuza University Publishing House, (ISBN: 978 - 973 - 703 - 891 - 3), 2013, 240p. FIN = 2.40x0,05/1 = 1,200;
8. **I. SANDU** (editor), **Scientific Creativity in European Context**, Alexandru Ioan Cuza University Publishing House (ISBN 978-973-703-759-6), Iasi, 2012, 153p., (<http://www.eudirect.ro/euroinvent/cat/w2012.pdf>), FIN = 1.53x0,05/1 = 0,762;
9. **I. SANDU** (editor), **Scientific Creativity in European Context**, Ed. Tehnopress, (ISBN 978-973-702-851-8), Iasi, 2011, pp. 195-324 (128 pagini) (<http://www.eudirect.ro/euroinvent/cat/w2011.pdf>), FIN = 1.28x0,05/1 = 0,64;
10. **I. SANDU** (editor), **Romanian Creativity in European Context**, Ed. Tehnopress, (ISBN 978-973-702-769-6), Iași, 2010, 230 p., FIN = 2,30x0,05/1 = 1,15;
11. **I. SANDU** (editor), **Romanian Creativity in European Context**, Ed. Tehnopress, (ISBN 978-973-702-641-5), Iași, 2009, 195 p., FIN = 1,95 x 0,05/1 = 0,09;
12. N. LUȚĂ, **I. SANDU**, O. PETREUȘ, **Produse i tehnologii pentru conservare patrimoniului cultural i istoric**, Ed. Performantica (ISBN 973-730-221-4), Iași, 2006, 286 p., FIN = 2,86 x 0,05/3 = 0,048;
13. **I. SANDU** (redactor), **tiin a, Tehnica i Arta Conserv rii i Restaur rii Patrimoniului Cultural**, Ed. Universității "Al.I.Cuza" Iași, (Supliment al Analelor Științifice ale Universității, ISSN 1221-5333), vol. III, 1999, 420 p., FIN = 4,2 x 0,05/1 = 0,210;
14. **I. SANDU** (redactor), **tiin a, Tehnica i Arta Conserv rii i Restaur rii Patrimoniului Cultural**, Ed. Universității "Al.I.Cuza" Iași, (Supliment al Analelor Științifice ale Universității, ISSN 1221-5333), vol. II, 1998, 334 p., FIN = 3,34 x 0,05/1 = 0,167; ;
15. **I. SANDU**, M. MUSTAȚĂ (redactor), **tiin a, Tehnica i Arta Conserv rii i Restaur rii Patrimoniului Cultural**, Ed. Universității "Al.I.Cuza" Iași (Supliment al Analelor Științifice ale Universității, ISSN 1221-5333), vol. I, 1997, 384 p., FIN = 3,84 x 0,05/2 = 0,096;
16. P. JITARU, N. CALU, T. VIDRAȘCU, **I. SANDU** (redactor) al volumului " **tiin a, Tehnica i Civiliza ia Uman în Perspectiva Viitorului**", editat de Comisia de Futurologie a Academiei Române, Ed. Institutului Politehnic "Gh.Asachi" Iași, 1984, 412 p., FIN = 4,12 x 0,05/4 = 0,052.

#### D. Chapters in National and International Books (21):

1. **I. SANDU**, A. PORUCIUC, M. ALEXIANU, R.-G. CURCĂ, O. WELLER, *Salt and Human Health: Science, Archaeology, Ancient Texts and Traditional Practices of Eastern Romania*, **White Gold. French and Romanian Projects on Salt in the Extra-Carpathian Areas of Romania**, (Herausgeber/editors: Marius Alexianu, Olivier Weller, Roxana-Gabriela Curca, Robin Brigand, Mihaela Asandulesei), Reihe: Archaeologica et Anthropologica III (ISBN: 978-3942994-10-1), Ed. Lieferbar, 2016, pp. 245-263;
2. M. ALEXIANU, **I. SANDU**, R.-G. CURCĂ *Fire, Brine and Wood: The First Nutritional Supplement in the Inland World*, **White Gold. French and Romanian Projects on Salt in the Extra-Carpathian Areas of Romania**, (Herausgeber/editors: Marius Alexianu, Olivier Weller, Roxana-Gabriela Curca, Robin Brigand, Mihaela Asandulesei), Reihe: Archaeologica et Anthropologica III (ISBN: 978-3942994-10-1), Ed. Lieferbar, 2016, pp. 371-379;
3. **I. SANDU**, O. WELLER, D. STUMBEA, M. ALEXIANU, *Analyses archéométriques sur les moules à sel chalcolithiques de l'est de la Roumanie*, **White Gold. French and Romanian Projects on Salt in the Extra-Carpathian Areas of Romania**, (Herausgeber/editors: Marius Alexianu, Olivier Weller, Roxana-Gabriela Curca, Robin Brigand, Mihaela Asandulesei), Reihe: Archaeologica et Anthropologica III (ISBN: 978-3942994-10-1), Ed. Lieferbar, 2016, pp. 385-397;
4. M. ALEXIANU, F. TENCARIU, A. ASĂNDULESEI, O. WELLER, R. BRIGAND, **I. SANDU**, G. ROMANESCU, R.-G. CURCĂ, ȘT. CALINIUC, M. ASĂNDULESEI *The salt from Alghianu beck (Vrancea County, Romania): a multifaced ethnoarchaeological approach*, **White Gold. French and Romanian Projects on Salt in the Extra-Carpathian Areas of Romania**, (Herausgeber/editors: Marius Alexianu, Olivier Weller, Roxana-Gabriela Curca, Robin Brigand, Mihaela Asandulesei), Reihe: Archaeologica et Anthropologica III (ISBN: 978-3942994-10-1), Ed. Lieferbar, 2016, pp. 471-485;
5. G. ROMANESCU, R.-G. CURCĂ, **I. SANDU**, *Salt Deposits in the Romanian Subcarpathians –Genesis, Repartition and Ethnomanagement*, **White Gold. French and Romanian Projects on Salt in the Extra-Carpathian Areas of Romania**, (Herausgeber/editors: Marius Alexianu, Olivier Weller, Roxana-Gabriela Curca, Robin Brigand, Mihaela Asandulesei), Reihe: Archaeologica et Anthropologica III (ISBN: 978-3942994-10-1), Ed. Lieferbar, 2016, pp. 557-564;

6. R.A. CRISTACHE, I. HUTANU, L. NICA, V. VASILACHE, **I. SANDU**, *Analysis of the Conservation State of a Panel Painting Icon*, **YOCOCU 2014: PROFESSIONALS' EXPERIENCES IN CULTURAL HERITAGE CONSERVATION IN AMERICA, EUROPE, AND ASIA**, (Editors: Andrea MACCHIA, Fernanda PRESTILEO, Simone CAGNO and Fariz KHALILLI), Cambridge Scholars Publishing (ISBN 978-1-4438-8519-5), 2016, pp. 392-408;
7. S. PRUTEANU, **I. SANDU**, V. VASILACHE, P. SPIRIDON, I.C.A. SANDU, *Study on Cleaning with Water-Based Ecological Systems of Old Gilded Wooden Artifacts*, **YOCOCU 2014: PROFESSIONALS' EXPERIENCES IN CULTURAL HERITAGE CONSERVATION IN AMERICA, EUROPE, AND ASIA**, (Editors: Andrea MACCHIA, Fernanda PRESTILEO, Simone CAGNO and Fariz KHALILLI), Cambridge Scholars Publishing (ISBN 978-1-4438-8519-5), 2016, pp. 419 – 442.
8. **I. SANDU**, M. CANACHE, A.-V. SANDU, V. VASILACHE, I.G. SANDU, *Use of Saline Aerosol Devices in School Gymnasiums: a Romanian Experiment*, **SALT EFFECT. SECOND ARHEOINVEST SYMPOSIUM: FROM THE ETHNOARCHAEOLOGY TO THE ANTHROPOLOGY OF SALT** (Editors: M. Alexianu, R.G. Curca and V. Cotiuga), Archaeopress Publishers of the British Archaeological Reports, Gordon House, 276 Banbury Road Oxford, England (ISBN 978 1 4073 1422 8), 2015, pp. 275-278;
9. M. ALEXIANU, F. TENCARIU, A. ASĂNDULESEI, O. WELLER, R. BRIGAND, **I. SANDU**, G. ROMANESCU, R.-G. CURCĂ, Ș. CALINIUC, M. ASĂNDULESEI, *The Salt from the Alghianu Beck (Vrancea County, Romania): A Multifaceted Ethnoarchaeological Approach*, **ARCHAEOLOGY OF SALT: APPROACHING AN INVISIBLE PAST**, (Editors: Robin BRIGAND and Olivier WELLER), Sidestone Press (ISBN: 978-90-8890-303-8, PDF e-book: ISBN 978-90-8890-304-5), Leiden, 2015, pp. 47-63.
10. D. BOGHIAN, **I. SANDU**, V. VASILACHE, S.-C. ENEA, *Studiul unor probe de pigmen i minerali din situl cucutenian de la Buznea (com. Ion Neculce, jud. Ia i) // The study of some mineral pigments samples from Cucutenian site at Buznea (Ion Neculce commune, Ia i County)*, **Orbis Praehistoriae Mircea Petrescu-Dîmbovi a – in memoriam** (Editors: V. SPINEI, N. URSULESCU, and V. COTIUGA), ISBN: 978-606-714-131-3, Ed. Universității „Alexandru Ioan Cuza”, 2015, pp. 435-450.
11. V. VASILACHE, **I. SANDU**, S.C. ENEA, I.G. SANDU, *Determinari ceramografice pe loturi din situurile Coste ti i Giurghe ti*, **COMUNIT ȚILE CUCUTENIENE DIN ZONA TÂRGUL FRUMOS – CERCET RI INTERDISCIPLINARE ÎN SITURILE DE LA COSTE TI I GIURGE TI** (Editors: D. BOGHIAN, S.-C. ENEA, S. IGNĂTESCU, L. BEJENARU and S.M. STANC), Ed. Universității Alexandru Ioan Cuza Iași, (ISBN 978-6067-140-65-1), 2014, pp. 138-147.
12. D. BOGHIAN, S.-C. ENEA, C.-C. LAZANU, R. PÎRNĂU, L. BEJENARU, S. STANC, V. VASILACHE, **I. SANDU**, A. ASĂNDULESEI, F.-A. TENCARIU, *Rezultate preliminare ale investiga iilor interdisciplinare din situl de la T cuta – „Dealul Miclea” (Paic), județul Vaslui*, **ARHEOVEST I - IN MEMORIAM LIVIU M RUIA. Interdisciplinaritate în Arheologie i Istorie**, (Editors: A. STAVILĂ, D. MICLE, A. CÎNTAR, C. FLOCA and S. FORȚIU), (ISBN 972-963-315-153-2), Vol. I, Ed. JATEPress Kiadó Szeged, 2013, pp. 487-508;
13. LÁSZLÓ, V. MERLAN, I. SANDU, A.V. SANDU, *Un topor de lupt cu disc i spin descoperit în Moldova, Semper fidelis. In honorem Magistri Mircea Ignat*, (Editors: B.P. NICULICĂ and D. BOGHIAN), ISBN 978-606-654-070-4, Ed. Istros a Muzeului Brăilei Suceava, 2013, pp. 215–224.
14. V. COTIUGA, **I. SANDU**, V. VASILACHE, N. URSULESCU: *Atypical local accumulation of calcium carbonate deposits in prehistoric ceramics during underground lying*, **INTERDISCIPLINARITY RESEARCH IN ARCHAEOLOGY**, (Editors: V. COTIUGA and S. CALINIUC), BAR International, Archaeopress Series 2433 (ISBN 978 1 4073 1032 9), Oxford, 2012;
15. **I. SANDU**, O. WELLER, D. STUMBEA, M. ALEXIANU, *Analyses archéométriques sur les moules à sel chalcolithiques de l'est de la Roumanie*, **SALZ UND GOLD: DIE ROLLE DES SALZES IM PRÄHISTORISCHEN EUROPA/SALT AND GOLD: THE ROLLE OF SALT IN PREHISTORIC EUROPE** (Editors: V. NICOLOV und K BACVAROV), Verlag Faber (ISBN 978-954-400-695-2), Veliko Tarnovo, 2012, pp. 143-153;
16. V. TURA, F. TOFOLEANU, I. MANGALAGIU, T.B. MANDRU, F. BRANZA, N. SULITANU, **I. SANDU**, D. RAILEANU, C. IONESCU, *Electrospinning of gelatin/chitin composite nanofibers*, **MODERN CONCEPTS IN NANOTECHNOLOGY RESEARCH** (Book Editors: A.K. HAGHI and G.E. ZAIKOV), Nova Science Publishers, Inc, 400 Oser Ave, Ste 1600, Hauppauge, NY 11788-3635 USA, 2011, pp. 145-156
17. F. TOFOLEANU, T.B. MANDRU, F. BRANZA, N. SULITANU, I.G. SANDU, D. RAILEANU, V. FLORISTEAN, B.A. HAGIU, C. IONESCU, **I. SANDU**, V. TURA, I. MANGALAGIU, *Electrospun gelatin nanofibers functionalized with silver nanoparticles*, **MODERN CONCEPTS IN NANOTECHNOLOGY RESEARCH** (Book Editors: A.K. HAGHI and G.E. ZAIKOV), Nova Science Publishers, Inc, 400 Oser Ave, Ste 1600, Hauppauge, NY 11788-3635 USA, 2011, pp. 157-165,

18. F. TOFOLEANU, T. BALAU MINDRU, F. BRINZA, N. SULITANU, I.-G. SANDU, D. RAILEANU, V. FLORISTEAN, B.-A. HAGIU, C. IONESCU, **I. SANDU**, V. TURA, *Electrospun Gelatin Nanofibers Functionalized with Silver Nanoparticles*, **SILVER NANOPARTICLES: PROPERTIES, CHARACTERIZATION AND APPLICATIONS**, (Editors: Audrey E. WELLES), (ISBN 978-1-61728-062-7), Nova Science Publishers, 2010, Price \$145.00;
19. V. TURA, F. TOFOLEANU, I. MANGALAGIU, T.B. MANDRU, F. BRANZA, N. SULITANU, **I. SANDU**, D. RAILEANU, C. IONESCU, *Electrospinning of gelatin/chitin composite nanofibers*, **ELECTROSPUN NANOFIBERS RESEARCH: RECENT DEVELOPMENTS** Book Series: **Nanotechnology Science and Technology** (Book Editor: A.K. HAGHI), Nova Science Publishers, Inc, 400 Oser Ave, Ste 1600, Hauppauge, NY 11788-3635 USA 2009, pp. 239-252,
20. F. TOFOLEANU, T.B. MANDRU, F. BRANZA, N. SULITANU, I.G. SANDU, D. RAILEANU, V. FLORISTEAN, B.A. HAGIU, C. IONESCU, **I. SANDU**, V. TURA, *Electrospun gelatin nanofibers functionalized with silver nanoparticles*, **ELECTROSPUN NANOFIBERS RESEARCH: RECENT DEVELOPMENTS** Book Series: **Nanotechnology Science and Technology** (Book Editor: A.K. HAGHI), Nova Science Publishers, Inc, 400 Oser Ave, Ste 1600, Hauppauge, NY 11788-3635 USA 2009, pp. 229-238,
21. N. VRINCEANU, D. COMAN, **I. SANDU**, A. GRIGORIU, „Surface microstructuring of PES fabrics by UV laser irradiation”, **DAAAM International Scientific Book** (ISBN 978-3-901-509-71-1, ISSN 1726-9687), Cap. 59 (Editor B. KATALINIC), Published by DAAAM International, Viena, 2009, p. 613-620, DOI:10.2507/daaam.scibook.2009.59.

## TOTAL OF PRINTED PAPERS: 914

### D. Papers published in ISI Journals (280),

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3. V.G. VASILESCU, **I. SANDU**, G. NEMTOI, A.V. SANDU, V. POPESCU, V. VASILACHE, I.G. SANDU, E. VASILESCU, *The reactivity of Ti10Zr alloy in biological and electrochemical systems in the presence of chitosan*, **RCS ADVANCES** (ISSN 2046-2069), 7, 2017, No pp. 13919-13927, DOI: 10.1039/c7ra00231a, **Impact Factor = 3.289/0.628/2015**, Author Factor = **0,411**;
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  18. A. CEREMPEI, E.I. MURESAN, L. CHIRILA, **I. SANDU**, *Functionalization of Linen Knitted Fabric with Beeswax/Essential Oil Systems*, **REVISTA DE CHIMIE**, (Bucharest), **67**, 10, 2039-2042, 2016, **Impact Factor = 0.956/0.183/2015**, Author Factor = **0,240**;
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204. C. BEJINARIU, A.V. SANDU, C. BACIU, **I. SANDU**, Șt.-L. TOMA, I.G. SANDU, *Sewage Treatment of Subproducts Resulted from Phosphatation of Iron Objects*, **REVISTA DE CHIMIE**, București (ISSN 0034 -7752), vol. 61, 10, (2010), pp. 961-964; Impact Factor = 0,552, Impact Factor = 0,639, **Cited Factor** = 0.693 (Revista de Chimie) + 0.693 (Revista de Chimie) =  $0.693 \times 0.3 + 0.693 \times 0.3 = 0.416$ , **Author Factor** =  $(0.693+0.416)/5 = \mathbf{0,222}$ ;
205. D. HUMELNICU, C. ARSENE, B. BURGHELE, M. BERTESCU, I. HUMELNICU, **I. SANDU**, D. MANTU, R.-I. OLARIU, *Interaction of Actinide Cations with Heteropolyoxotungstate Ions  $[SiW_{11}O_{39}]^{8-}$  and  $[SiW_{12}O_{40}]^{4-}$* , **REVISTA DE CHIMIE**, București (ISSN 0034 -7752), vol. 61, 9, (2010), pp. 841 -844; Impact Factor = 0,693, Author Factor = **0,086**;
206. **I. SANDU**, M. CHIRAZI, I.G. SANDU, G.I. OLTEANU, M. CANACHE, A.V. SANDU, V. VASILACHE, C. PASCU, *Researches on the NaCl saline aerosols. II. New Artificial Halo-chamber Characteristics*, **ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL**, Iasi (ISSN 1582-9596), 9, 8, (2010), pp. 1105-1113; Impact Factor = 0,885, Author Factor = **0,111**;
207. C. GHERASIMESCU, R. BUTNARU, **I. SANDU**, A.-C. CIOCAN, A.V. SANDU, *Research concerning the use of fireproof compounds for cotton textile treatment*, **REVISTA DE CHIMIE**, București (ISSN 0034 -7752), vol. 61, 8, (2010), pp. 728-732; Impact Factor = 0,693, Author Factor = **0,138**;
208. **I. SANDU**, M. CHIRAZI, M. CANACHE, M.T. ALEXIANU, I.G. SANDU, A.V. SANDU, V. VASILACHE, *Researches on the NaCl saline aerosols.I. Natural and Artificial Production Sources and their Implications*, **ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL**, Iasi (ISSN 1582-9596), 9, 6, (2010), pp. 881-888; Impact Factor = 0,885, **Cited Factor** = 1.435 (Environmental Engineering Management Journal) + 1.435 (Environmental Engineering Management Journal) =  $2.870 \times 0.3 = 0.862$ , **Author Factor** =  $(0.885+0.862)/5 = \mathbf{0,350}$ ;
209. I.C.A. SANDU, S. BRACCI, M. LOBERFARO, **I. SANDU**, *Integrated Methodology for the Evaluation of Cleaning in Two Russian Icons (XVII-XVIII Century)*, **MICROSCOPY, RESEARCH and TECHNIQUE**, Elsevier (ISSN -1059910X), vol. 73, 8, (2010), 752-760; DOI: 10.1002/jemt.20817, Impact Factor = 1,850, Cited Factor = 0.998 (Surface and Interface Analysis) =  $1.247 \times 0.3 = 0.374$ , **Author Factor** =  $(1.850+0.374)/4 = \mathbf{0,556}$ ;
210. **I. SANDU**, A. PORUCIUC, M. ALEXIANU, R-G. CURCĂ, O. WELLER, *Salt and Human Health: Science, Archaeology, Ancient Texts and Traditional Practices of Eastern Romania*, **MANKIND QUARTERLY** (ISSN 0025-2344), 50, 3, (2010), pp.225-256, Impact Factor = 1,150, **Cited Factor** = 1.435 (Environmental Engineering Management Journal) + 1.435 (Environmental Engineering Management Journal) =  $1.435 \times 0.3 + 1.435 \times 0.3 = 0.862$ , **Author Factor** =  $(1.150+0.862)/5 = \mathbf{0,402}$ ;
211. **I. SANDU**, M. ALEXIANU, R-G. CURCĂ, O. WELLER, C. PASCU, *Halotherapy: From Ethnoscience to Scientific Explanations*, **ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL**, Iasi (ISSN 1582-9596), 8, 6, NOV/DEC 2009, pp. 1331-1338; Impact Factor = 0,885, **Cited Factor** = 1.435 (Environmental Engineering Management Journal) + 1.435 (Environmental Engineering Management Journal) + 1.15(Mankind Quarterly) =  $1.435 \times 0.3 + 1.435 \times 0.3 + 1.15 \times 0.3 = 1.207$ , **Author Factor** =  $(0.885 + 1.207)/5 = \mathbf{0,418}$ ;
212. D. HUMELNICU, R.I. OLARIU, **I. SANDU**, I. HUMELNICU, A.V. SANDU, C. ARSENE, *Studies on chemical interferences on uranium (VI) and thorium (IV) reaction with (iso)polioxometalates*, **REVISTA DE CHIMIE**, București (ISSN 0034 -7752), vol. 60, 12, (2009), pp. 1264 -1269; Impact Factor = 0,552, Author Factor = **0,092**;
213. V. TURA, F. TOFOLEANU, I. MANGALAGIU, T.B. MANDRU, F. BRANZA, N. SULITANU, **I. SANDU**, D. RAILEANU, C. IONESCU, *Electrospinning of gelatin/chitin composite nanofibers*, **ELECTROSPUN NANOFIBERS RESEARCH: RECENT DEVELOPMENTS** Book Series:

**Nanotechnology Science and Technology** (Book Editor: Haghi, A.K.), 2009, pp. 239-252, Impact Factor = 0,00, Author Factor = **0,000**;

214. F. TOFOLEANU, T.B. MANDRU, F. BRANZA, N. SULITANU, I.G. SANDU, D. RAILEANU, V. FLORISTEAN, B.A. HAGIU, C. IONESCU, **I. SANDU**, V. TURA, *Electrospun gelatin nanofibers functionalized with silver nanoparticles*, **ELECTROSPUN NANOFIBERS RESEARCH: RECENT DEVELOPMENTS** Book Series: **Nanotechnology Science and Technology** (Book Editor: Haghi, A.K.), 2009, pp. 229-238, Impact Factor = 0,00, Author Factor = **0,000**;
215. R.I. OLARIU, D. HUMELNICU, **I. SANDU**, I. HUMELNICU, C. ARSENE, *Physico-chemical characterization of new silica-polioxometalate thermally modified unit*, **REVISTA DE CHIMIE**, București (ISSN 0034 -7752), vol. 60, 11, (2009), pp. 1216 -1219; Impact Factor = 0,552, Author Factor = **0,110**;
216. **I. SANDU**, O. MIRCEA, I. SARGHIE, A.V. SANDU, *Study of Some Atypical Formations from the Bulk of the Iron Artefacts by Means of the Complementary Analytical Techniques*, **REVISTA DE CHIMIE**, București (ISSN 0034 -7752), vol. 60, 10, (2009), p. 1012-1020; Impact Factor = 0,552, Cited Factor = 0.693 (Revista de Chimie) + 0.693 (Revista de Chimie) = 0.693x0.3 + 0.693x0.3 = 0.416, Author Factor = (0.552+0.416)/5 = **0,194**;
217. **I. SANDU**, N. VRÎNCEANU, D. COMAN, *Study of surface modifications of wool fabrics by UV +laser irradiation treatment*, **REVISTA DE CHIMIE**, București (ISSN 0034 -7752), vol. 60, 9 (2009), pp. 944-948; Impact Factor = 0,552, Cited Factor = 0,853 (Industria Textila. 2010) = **0,853x0,3 = 0,256**, Author Factor = **(0,552 + 0,256)/3 = 0,269**;
218. R. GRADINARU, S.O. VALU, St. POSTOLACHE, C.C. PAVEL, **I. SANDU**, K. POPA, *On The Influence of ETS-10 Porozity and Surface Properties in Retention of Some Nanoions and Nanomolecules*, **ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL**, Iasi (ISSN 1582-9596), 8, 4, JUL/AUG 2009, pp. 901-905; Impact Factor = 0,885, Cited Factor = 1.435 (Environmental Engineering Management Journal) + 0.777 (**Journal Radioanalytical Nuclear Chemistry**) + 0,659 (**Journal Radioanalytical Nuclear Chemistry**) = 1,871 x 0,3 = **0,561** Author Factor = **(0,885 + 0,561)/6 = 0,241**;
219. V. VASILACHE, S. GUTT, Gh. GUTT, Tr. VASILACHE, C. FILOTE, **I. SANDU**, *Studies of hardness for the electrodeposited nickel from watts baths with addition of polyvinyl pyrrolidone (PVP)*, **REVUE ROUMAINE DE CHIMIE**, București (ISSN 0035-3930), vol. 54, 3, (2009), pp. 243 - 247; Impact Factor = 0,263, Author Factor = **0,044**;
220. I.C.A. SANDU, S. BRACCI, **I. SANDU**, M. LOBERFARO, *Integrated analytical study for authentication of five russian icons (XVII-XVIII Century)*, **MICROSCOPY, RESEARCH and TECHNIQUE**, Wiley (ISSN -1059910X), vol. 72, 10, (2009), 755-765; Impact Factor = 1,850, Cited Factor = 0.998 (Surface and Interface Analysis) + 1,850 (Microscopy, Research and Technique) = 2.848x0.3 = 0.854, Author Factor = (1.850+0.854)/4 = **0,676**;
221. V. VASILACHE, S. GUTT, Gh. GUTT, T. VASILACHE, **I. SANDU**, I.G. SANDU, *Determination of the Dimension of Crystalline Grains of Thin Layers of Zinc-Nickel Alloys Electrochemically Deposited*, **METALURGIA INTERNATIONAL**, (ISSN 1582-2214), 14, 3, (2009), p. 49 - 53; Impact Factor = 0,173, Author Factor = **0,080**;
222. O. MIRCEA, I. SARGHIE, **I. SANDU**, V. URSACHI, M. QUARANTA, A.V. SANDU, *The study of some atypical degradation processes of an iron archaeological piece*, **REVISTA DE CHIMIE**, București (ISSN 0034 -7752), vol. 60, 4, (2009), p. 332-336; Impact Factor = 0,552, Author Factor = **0,092**;
223. N. VRINCEANU, **I. SANDU**, A. GRIGORIU, D. COMAN, C. FOTAKIS, P. POULI, *Analytical studies of contaminated documents cleaned by Nd:YAG laser treatment*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 60, 3, (2009), p. 231-236; Impact Factor = 0,552, Cited Factor = 0,364 (Industria Textila, 2010) = **0,364x0,3 = 0,109**, Author Factor = **0,092 + 0,018 = 0,110**;
224. O. MIRCEA, I. SARGHIE, **I. SANDU**, M. QUARANTA, A.V. SANDU, *The study of some textile impressions from the bulk of the iron artefacts by means of the complementary analytical techniques*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 60, 2, (2009), p. 201-207; Impact Factor = 0,552, Cited Factor = 3,435 (Journal of Analytical Atomic Spectrometry ) = 3,435x0,3 = 1,031, Author Factor = (0,206+0,110) = **0,316**;
225. V. VASILACHE, Gh. GUTT, Tr. VASILACHE, **I. SANDU**, *Studies concerning nickel electrodeposition from Watts bath with addition of polyvinyl pyrrolidone (PVP)*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 60, 1, (2009), p. 15-19; Impact Factor = 0,552, Author Factor = **0,138**;
226. G. CIOBANU, G. CARJA, O.CIOBANU, **I. SANDU**, A.V. SANDU, *SEM and EDX studies of bioactive hydroxyapatite coatings on titanium implants*, **MICRON**, (ISSN 0968-4328), 40. (1), (2009), p. 143-156; Impact Factor = 1,651, Cited Factor = 4,502 (Biomacromolecules) + 1,181 (**Journal of Materials Science**) + 1,812 (**Materials Science and Engineering: C**) + 1,642 (**International Journal of Nanomedicine**) + 1,540 (**J.Applied Electrochemistry**) + 0,531(**International Journal of Chemical Reactor Engineering**) + 1,727(**Thin Solid Films**) + 3,108 (**Macromolecular Bioeicence**) = 16.043 x 0.3 = 4,813, Author factor = (1,651 +4,813)/5 = **1,293**;

[www.netmed.com.br/revistas/revistas.php?bd=pubmed&submit=v&eword=&nmid=9312850&retstart=60;](http://www.netmed.com.br/revistas/revistas.php?bd=pubmed&submit=v&eword=&nmid=9312850&retstart=60;)  
[www.science24.com/person/552;](http://www.science24.com/person/552;)

227. N. VRÎNCEANU, D. COMAN, **I. SANDU**, A. GRIGORIU, *Surface microstructuring of polyester fabrics by UV excimer laser irradiation*, **ANNALS of DAAAM** (ISSN 1726-9679), Viena, 2008, p. 1511-1512; Impact Factor = 0, Author Factor = 0;
228. N. VRÎNCEANU, **I. SANDU**, I. STEFANUȚA, D. VLAD, *Studies on the adherence of the thermoglued textile ensembles-method and instrument used*, **ANNALS of DAAAM** (ISSN 1726-9679), Viena, 2008, p. 1513-1514; Impact Factor = 0, Author Factor = 0;
229. N. VRINCEANU N., D. COMAN, A. GRIGORIU, **I.SANDU**., “Hydrophilic Surface Patterning of Polyamide Textile Materials, Using Excimer UV Laser Treatment”, **ITC&DC: 4<sup>th</sup> INTERNATIONAL TEXTILE CLOTHING & DESIGN CONFERENCE, BOOK OF PROCEEDINGS**, 2008, p. 482-486; Impact Factor = 0, Author Factor = 0;
230. V. TURA, F. TOFOLEANU, I. MANGALAGIU, T.B. MINDRU, F. BRINZA, N. SULITANU, **I. SANDU**, D. RAILEANU, C. IONESCU, *Electrospinning of gelatin-chitin composite nanofibers*, **JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS (J.O.A.M.)**, Bucharest (ISSN 1454 - 4164), 10, (12) 2008, p. 3505-3511, Impact Factor = 0,827, Author factor = **0,092**;
231. F. TOFOLEANU, T.B. MINDRU, F. BRINZA, N. SULITANU, I.G. SANDU, D. RAILEANU, V. FLORISTEAN, B. HAGIU, C. IONESCU, **I. SANDU**, V. TURA, *Electrospun gelatin nanofibers functionalized with silver nanoparticles*”, **JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS (J.O.A.M.)**, Bucharest (ISSN 1454 - 4164), 10, (12) 2008, p. 3512-3516, Impact Factor = **0,827**, Cited factor = 2,644(Carbohydrate Polymers) + = 2,644 x 0,3 = 0,793, Author factor = (0,827+0,793)/11 = **0,147**;
232. R.I. OLARIU, D. HUMENICU, C. ARSENE, **I. SANDU**, G. CARJA, *Obtaining and chemical chracterization of the new derivated complex compounds on the  $UO_2^{2+}$  and  $Th^{4+}$  with cluster izopolyoxomolybdates and izopolyoxowolframate*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 59, 9, (2008), p. 1052-1056; Impact Factor = 0,389, Author Factor = **0,078** (citat in Annals of Chemistry, Ovidius University of Constanta);
233. D. HUMENICU, R.I. OLARIU, **I. SANDU**, N. APOSTOLERSCU, A.V. SANDU, C. ARSENE, *New heteropolyxotungstates and heteropolyoxomolybdates containg radioactive ions (uranyl and thorium) in their structure*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 59, 8 (2008), p. 920 - 925; Impact Factor = 0,389, Author Factor = **0,065**;
234. **I. SANDU**, N. URSULESCU, I.G. SANDU, O. BOUNEGRU, I.C.A. SANDU, A. ALEXANDRU, *The pedological stratification effect of corrosion and contamination products on byzantine bronze artefacts*, **CORROSION ENGINEERING SCIENCE AND TECHNOLOGY**, Maney Publishing (ISSN 1478-422X), vol. 43, 3, (2008), p. 256-266, Impact Factor = 0,553, Impact, Cited Factor = 0,639 (Material and Corrosion) + 0,896(Crystal Research and Technology) = 1,535 x 0,3 = 0,461, Author Factor = 0,092 + 0,077 = **0,16 9**;
235. I.C.A. SANDU, C. LUCA, **I. SANDU**, V. VASILACHE, M. HAYASHI, *Authentication of ancient easel-paintings through materials identification from polychrome layers. III. Cross-section and staning analysis* **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 59, 8, (2008), p. 855-866; Impact Factor = 0,389, Author Factor = **0,078**;
236. G. DROCHIOIU, K. POPA, D. HUMELNICU, M. MURARIU, **I. SANDU**, A. CECAL, *Comparison of various sensitive and selective spectrophotometric assays of environmental cyanide*, **TOXICOLOGICAL & ENVIRONMENTAL CHEMISTRY**, Taylor & Francis (ISSN 0277- 2248), vol. 90, 2, (2008), 221 – 235; Impact Factor = 0,00, Cited Factor = 2,00 (Journal of Microbiological Methods) + 0,00 () = 2,00 x 0,3 = 0,600, Author factor = 0,100 + 0,00 = **0,100**;
- Web Cited:** [www.terkko.helsinki.fi/mobile/feednavigator/?articleid=1620776;](http://www.terkko.helsinki.fi/mobile/feednavigator/?articleid=1620776;)  
[www.informaworld.com/smpp/469528249-95148328/title-db=all-content=g791838060-tab=toc;](http://www.informaworld.com/smpp/469528249-95148328/title-db=all-content=g791838060-tab=toc;)  
[www.informaworld.com/smpp/content-content=a781000563-db=all-jumptype=rss;](http://www.informaworld.com/smpp/content-content=a781000563-db=all-jumptype=rss;)
237. I.C.A. SANDU, C. LUCA, **I. SANDU**, V. VASILACHE, M. HAYASHI, *Authentication of ancient easel-paintings through materials identification from polychrome layers. II. FTIR Spectroscopy*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 59, 4 (2008), 384-387; Impact Factor = 0,389, Cited Factor = 0,389(Rev.Chim.) = 0,389 x 0,3 = 0,1167, Author Factor = 0,068 + 0,1167 = **0,185**;
238. I. CARCEA, C. ROMAN, A.V. SANDU, R. CHELARIU, **I. SANDU**, „Structure and composition disturbances in certain aluminium bronzes”, **METALURGIA INTERNATIONAL** (ISSN 1582-2214), vol. XIII, 3 (2008), p. 14-20; Impact Factor = 0, Author Factor = 0;
239. **I. SANDU**, C. LUCA, I.C.A. SANDU, V. VASILACHE, *Authentication of ancient easel-paintings through materials identification from polychrome layers. I. Gas-chromatography analysis*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 58, nr. 10, (2007), p. 879 – 886, Impact Factor = 0,278, Author Factor = **0,070**;
240. M.L. RUSU, C. MARUTOIU, **I. SANDU**, D. TITA, I. GOGOASA, C.H. BARBU, A. POPESCU, *Separation and identification of eugenol presence in certain plants by HPTLC and GC/MS*, **J. PLANAR CHROMATOGRAPHY - MODERN TLC** (ISSN 0933-4173), vol. 20, nr. 2 (2007), pp. 139-140, Impact Factor = 0,667, Cited Factor = 3,062 (J. Mass Spectr.) + 0,662 (JPC - Journal of Planar Chromatography) = 3,724 x 0,3 = 1,117, Author Factor = 0,095 + 0.160 = **0,255**;

241. N. SULITANU, C. PÎRGHIE, **I. SANDU**, *Effect of ultrasonication on the electrolytic growth of nanocrystalline Ni films*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 58, nr.1 (2007), p. 20 – 24, Impact Factor = 0,278, Cited Factor = 0,261 (Rev.Chim.) = 0,261 x 0,3 = 0,078, Author Factor = 0,093 + 0,026 = **0,119**;
242. A. COTOVAIA, S. SHOVA, Yu.A. SIMONOV, T. ROSHU, **I. SANDU**, A. GULEA, *Structure and some properties of new formes of tris-(2-aminoethanolato-o,n) cobalt (III)*, **KOORDINATSIONNAYA KHIMIYA**, Moskva, (ISSN 1070-3284), vol. 32, nr. 11, (2006), pp. 873 - 880, Impact Factor = 0,564, Author Factor = **0,094**;
243. I.C.A. SANDU, S. BRACCI, **I. SANDU**, *Instrumental analyses used in the authentication of old paintings I. Comparison between two Icons of XIX<sup>th</sup> Century*, **REVISTA DE CHIMIE**, București (ISSN 0034-7752), vol. 57, nr.8 (2006), p. 796 – 803, Impact Factor = 0,308, Author Factor = **0,103**;
244. I.G. SANDU, S., STOLERIU, **I. SANDU**, M. BREBU, A.V. SANDU, *Authentication of ancient bronze coins by the study of the archaeological patina. I. Composition and structure*, **REVISTA DE CHIMIE**, București, (ISSN 0034-7752), vol. 56, nr. 10 (2005), p. 981-994, Impact Factor = 0,308, Author Factor = **0,062**;
245. **I. SANDU**, A. GULEA, I.C.A., SANDU, C. LUCA, I.G. SANDU., *Studies on the reaction system Pd<sup>2+</sup> - 2,6 diaminotoluene*, **REVISTA DE CHIMIE**, București, (ISSN 0034-7752), vol. 56, nr. 8 (2005), p. 805-809, Impact Factor = 0,308, Author Factor = **0,062** (C.A. 12345W/145/2006);
246. **I. SANDU**, C. PASCU, I.G. SANDU, G. CIOBANU, A.V. SANDU, O. CIOBANU, *The obtaining and characterization of NaCl nanocrystalline dispersions for saline – type therapeutical climate. III. The evaluation of the SALIN device reliability*, **REVISTA DE CHIMIE**, București, (ISSN 0034-7752), vol.55, nr. 12 (2004),p. 975-982; Impact Factor = 0,308, Author Factor = **0,051** (C.A. 435645r/145/2006);
247. **I. SANDU**, C. PASCU, I.G. SANDU, G. CIOBANU, A.V. SANDU, O. CIOBANU, *The obtaining and characterization of nacl nanocrystalline dispersions for saline – type therapeutical environments. Ii. The in situ analysis of saline room aerosols*, **REVISTA DE CHIMIE**, București, (ISSN 0034-7752), vol.55, nr. 10 (2004),p.791-797, Impact Factor = 0,308, Author Factor = 0,051 (C.A. 435631H);
248. **I. SANDU**, C. PASCU, I.G. SANDU, G. CIOBANU, V. VASILE, O. CIOBANU, *The obtaining and characterization of NaCl nanocrystalline dispersions for saline – type therapeutical media. I. Theoretical aspects*, **REVISTA DE CHIMIE**, București, (ISSN 0034-7752), vol.54, nr. 10 (2003), pp. 807-812, Impact Factor = 0,281, Author Factor = **0,047** (C.A. 275857q);
249. N. SULIȚANU, **I. SANDU**, I.G. SANDU, *Role of thiourea additive in the electrodeposition process of nanocrystalline nickel and iron thin films*, **REVISTA DE CHIMIE**, București, (ISSN 0034-7752), vol.54, nr. 8, (2003), pp 670-676, Impact Factor = 0,281, Cited Factor = 0,261 (Rev.Chim.) = 0,261 x 0,3 = 0,078, Author Factor = 0,094 + 0,026 = **0,120** (C.A. 242590u);
250. N. SULIȚANU, **I. SANDU**, *Synthesis by chemical reduction method, microstructure and magnetic behaviour of ultra-fine amorphous powders in (Fe, Co, Ni)-B systems*, **REVISTA DE CHIMIE**, București, (ISSN 0034-7752), vol.54, nr. 7 (2003), pp. 561-565, Impact Factor = 0,281, Cited Factor = 5,33 (Chem: A Eu.J.) + 0,261 (Rev.Chim.) = 5,591 x 0,3 = 1,677, Author Factor = 0,141 + 0,826 = **0,967** (C.A. 121228y);
251. I.C.A. SANDU, M. BREBU, C. LUCA, **I. SANDU**, C. VASILE, *Thermogravimetric study on the ageing of lime wood supports of old paintings*, **POLYMER DEGRADATION AND STABILITY** (Elsevier), Brighton, (ISSN: 0141-3910), 80, 1 (2003), pp.83-91, Impact Factor = 1,405, Cited Factor = 4,009 (Langmuir) + 0,847 (Chem.Eng.J.) + 3,374 (Talanta) + 3,250 (E-Prezervation Science) + 0,1 (Fire Sci.Tech.) + 0,603 (J.Cult.Herit.) + 2,505 (Microchem.J.) + 1,483 (J.Therm.Anal.Cal.) + 1,857 (Appl.Phys.:A Mater.Sci.Process.) + 0,00 (International Journal of Applied Chemistry) + 1,630 (Journal of thermal Analysis and Calorimetry) + 0,913 (Macromolecular Symposia) + 1,659 (Thermochemica Acta) + 1.236 (Holzforschung) = 21,553 x 0,3 = 6,466, Author Factor = (1,405+6,466)/5 = **1,574** (C.A. 35977q);
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