

## LIST OF PUBLICATIONS

### **A. Book and Courses (1)**

1. **A.V. SANDU**, C. BEJINARIU, **Tehnologii moderne de fosfatere. Studii și aplicații** (Modern Phosphatation Technologies. Studies and Applications), Ed. Politehniun 2013, 130p.

### **B. Volume proceedings - EDITOR (7)**

1. M.M.A.B. ABDULLAH, L. JAMALUDIN, M.F.M. TAHIR, **A.V. SANDU**, *Geopolymer and Green Technology*, **Materials Science Forum**, Vol. 803, 2015, Trans Tech Publications, ISBN 978-3-03835-233-4, 394 p.
2. **A.V. SANDU**, I. SANDU, EUROINVENT 2014, Editura Universitatii Al.I.Cuza Iași, 2009, ISBN 978-973-702-641-5, 646 p.
3. **A.V. SANDU**, EUROINVENT 2013, Editura Universitatii Al.I.Cuza Iași, 2013, ISBN 978-973-703-891-3, 500 p
4. **A.V. SANDU**, EUROINVENT 2012, Editura Universitatii Al.I.Cuza Iași, 2012, ISBN 978-973-703-759-6, 380 p
5. **A.V. SANDU**, EUROINVENT 2011, Editura TEHNOPRESS, 2011, ISBN 978-973-702-851-8, 324 p
6. **A.V. SANDU**, EUROINVENT 2010, Editura TEHNOPRESS, 2010, ISBN 978-973-702-769-6, 228 p.
7. **A.V. SANDU**, EUROINVENT 2009, Editura TEHNOPRESS, 2009, ISBN 978-973-702-641-5, 194 p.

### **C. Articles published in ISI Journals (97)**

1. Z. YAHYA, M.M.A.B. ABDULLAH, K. HUSSIN, K.N. ISMAIL, R.A. RAZAK, **A.V. SANDU**, *Effect of Solids-To-Liquids, Na<sub>2</sub>SiO<sub>3</sub>-To-NaOH and Curing Temperature on the Palm Oil Boiler Ash (Si + Ca) Geopolymerisation System*, **MATERIALS**, 8, 2015, pp. 2227-2242
2. M.G. MINCIUNA, P. VIZUREANU, V. GEANTA, I. VOICULESCU, **A.V. SANDU**, D.C. ACHITEI, A.M. VITALARIU, *Effect of Si on the Microstructure and Mechanical Properties of Biomedical CoCrMo Alloy*, **REVISTA DE CHIMIE**, 66, 6, 2015, pp. 891-894.
3. M.I. JAFFAR, W.H.W. BADARUZZAMAN, M.M.A.B. ABDULLAH, S. BAHAROM, L.M. MOGA, **A.V. SANDU**, *Relationship Between Panel Stiffness and Mid-span Deflection in Profiled Steel Sheeting Dry Board with Geopolymer Concrete Infill*, **MATERIALE PLASTICE**, 52, 2, 2015, pp. 243-248.
4. D.C. ACHITEI, P. VIZUREANU, M.G. MINCIUNA, A.V. SANDU, A. BUZAIANU, D.I. DANA, *Obtaining of New Flux Coated Electrodes used for Welding-brazing Operations*, **MATERIALE PLASTICE**, 52, 2, 2015, pp. 165-167.
5. M.C. BURLACU-ARSENE, C. LEONTE, M.C. ANTONESCU, **A.V. SANDU**, M.G. MINCIUNA, *Influence of Water Deficit Stress on Some Physio-morphological Indicies at Some Oilseed Rape Cultivars*, **REVISTA DE CHIMIE**, 66, 4, 2015, pp. 487-491.

6. A. BALAN, S. ANDRIAN, C. SAVIN, **A.V. SANDU**, A. PETCU, S. STOLERIU, *Comparative Study Regarding the Effect of Remineralizing Products on Primary Teeth Dissolution Induced by Acidic Drinks*, **REVISTA DE CHIMIE**, 66, 4, 2015, pp. 562-564.
7. L. HRISTIAN, **A.V. SANDU**, L.R. MANEA, E.A. TULBURE, K. EARAR, *Analysis of the Principal Components on the Durability and Comfort Indices of the Fabrics Made of Core-coating Filament Yarns*, **REVISTA DE CHIMIE**, 66, 3, 2015, pp. 342-347.
8. A. BALAN, S. STOLERIU, S. ANDRIAN, **A.V. SANDU**, G. IOVAN, V. SERBAN-PINTILICIUC, *Morphological Study Regarding the Effect of Surface Finishing and Polishing on Corrosion Behaviour of Some Commercial Dental Amalgams*, **REVISTA DE CHIMIE**, 66, 2, 2015, pp. 182-186.
9. K. EARAR, M.N. MATEI, **A.V. SANDU**, L. HRISTIAN, C. BEJINARIU, I.G. SANDU, *The Role of Functional Polymers in the Optimisation of Acrylic Biomaterials used in Amovable Prosthetic Restoration I. The experimental protocol using the Iosipescu test*, **MATERIALE PLASTICE**, 52, 1, 2015, pp. 98-103.
10. A. BALAN, **A.V. SANDU**, S. STOLERIU, V.S. PINTILICIUC, V. TOMA, *Effect of Different Finishing and Polishing Systems on the Surface Roughness of Composite Resins*, **MATERIALE PLASTICE**, 52, 1, 2015, pp. 55-57.
11. I. SANDU, M. CANACHE, T. MIHAESCU, M. CHIRAZI, **A.V. SANDU**, L.M. TRANDAFIR, A.C. LUCA, L.E. CHECHERITA, *Influence of NaCl Aerosols on the Functional Characteristics of Children*, **REVISTA DE CHIMIE**, 66, 1, 2015, pp. 60-65.
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13. D.C. ACHIȚEI, P. VIZUREANU, A.A. MINEA, M.M.A. ABDULLAH, M.G. MINCIUNA, A.V. SANDU, *Improvement of Properties of Aluminum Bronze CuAl7Mn3 by Heat Treatments*, **APPLIED MECHANICS AND MATERIALS**, 657, 2014, Conference **IMANE 2014**, pp. 412-416.
14. L.M. BIRSA, **A.V. SANDU**, A. BALAN, *Synthesis of New 1,3-Dithiolium Derivatives from 4-Hydroxyacetophenones*, **REVISTA DE CHIMIE**, 65, 12, 2014, pp. 1435-1438.
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16. G. PANCU, S. ANDRIAN, A. MOLDOVANU, I. NICA, **A.V. SANDU**, S. STOLERIU, *Effect of Some Food Intake on Erosive Beverage Action on Dental Enamel and Cement*, **MATERIALE PLASTICE**, 51, 4, 2014, pp. 428-431.
17. W.M.W. IBRAHIM, M.M.A. BAKRI ABDULLAH, **A.V. SANDU**, K. HUSSIN, I.G. SANDU, K.N. ISMAIL, A.A. KADIR, M. BINHUSSAIN, *Processing and Characterization of Fly Ash-Based Geopolymer Bricks*, **REVISTA DE CHIMIE**, 65, 11, 2014, pp. 1340-1345.
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21. A.B. AZEEZ, K.S. MOHAMMED, M.M.A. BAKRI ABDULLAH, N.N. ZULKEPLI, A.V. SANDU, K. HUSSIN, A. RAHMAT, *Design of Flexible Green Anti Radiation Shielding Material against Gamma-ray*, **MATERIALE PLASTICE**, 51, 3, 2014, pp. 300-308.
22. N.F. SHAHEDAN, M.M.A. BAKRI ABDULLAH, K. HUSSIN, I. SANDU, C.M. RUZAIDI GHAZALI, M. BINHUSSAIN, Z. YAHYA, A.V. SANDU, *Characterization and Design of Alkali Activated Binder for Coating Application*, **MATERIALE PLASTICE**, 51, 3, 2014, pp. 258-262.
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