



Lista articolelor ştiinţifice relevante, publicate

| Nr. crt. | Titlul articolului | Autori | Anul apariţiei | Revista | SRI / FI |
|----------|--|--|----------------|-------------------------|-----------|
| 1 | Photoactive glazed polymer-cement composite WOS:000425731200011 | Liana Baltas, Silvia Patachia, Mircea Tierean, Ozgur Ekincioglu, Hulusi M. Ozkul | 2018 | APPLIED SURFACE SCIENCE | 1.47/3.38 |
| 2 | Solar radiation synthesis of functional carbonaceous materials using Al ₂ O ₃ /TiO ₂ -Cu-HA doped catalyst, WOS:000425731200005 | Elena Manuela Stanciu, Alexandru Pascu, Ionut Claudiu Roată, Cătălin Croitoru, Mircea Tierean, Julia Mirza Rosca, Iosif Hulka | 2018 | APPLIED SURFACE SCIENCE | 1.47/3.38 |
| 3 | Surface properties tuning of welding electrode-deposited hardfacings by laser heat treatment WOS:000425731200006 | Arthur Oláh, Catalin Croitoru, Mircea Horia Tierean | 2018 | APPLIED SURFACE SCIENCE | 1.47/3.38 |
| 4 | Surface properties of thermally treated composite wood panels, WOS:000425731200013 | Catalin Croitoru, Cosmin Spirchez, Aurel Lunguleasa, Daniel Cristea, Ionut Claudiu Roata, Mihai Alin Pop, Tibor Bedo, Elena Manuela Stanciu, Alexandru Pascu | 2018 | APPLIED SURFACE SCIENCE | 1.47/3.38 |





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| 5 | Influence of the modulated two-step synthesis of biogenic hydroxyapatite on biomimetic products' surface, WOS:000425731200016 | Florin Miculescu Aura Cătălina Mocanu, George E.Stan, Marian Miculescu, Andreea Maidaniuc, Anisoara Cîmpean, Valentina Mitran, Stefan Ioan Voicu, Teodor Machedon-Pisu, Lucian Toma Ciocan | 2018 | APPLIED SURFACE SCIENCE | 1.47/3.38 |
| 6 | Induced wettability and surface-volume correlation of composition for bovine bone derived hydroxyapatite particles WOS:000425731200017 | Andreea Maidaniuc, Florin Miculescu, Stefan Ioan Voicu, Corina Andronescu, Marian Miculescu, Ecaterina Matei, Aura Catalina Mocanu, Ion Pencea, Ioana Csaki, Teodor Machedon-Pisu, Lucian T. Ciocan | 2018 | APPLIED SURFACE SCIENCE | 1.47/3.38 |
| 7 | Wood-plastic composites based on HDPE and ionic liquid additives WOS:000418294200017 | Croitoru Catalin, Varodi Anca Maria, Timar Maria Cristina, Roata Ionut Claudiu, Stanciu Elena Manuela, Pascu, Alexandru | 2018 | JOURNAL OF MATERIALS SCIENCE | 1.25/2.59 |
| 8 | Glass fibres reinforced polyester composites degradation monitoring by surface analysis WOS:000366220500003 | Croitoru Catalin, Patachia Silvia, Papancea, Adina, Baltas Liana, Tierean Mircea | 2015 | APPLIED SURFACE SCIENCE | 1.47/3.18 |
| 9 | A mild method of wood impregnation with biopolymers and resins using 1-ethyl-3-methylimidazolium chloride as carrier WOS:000348878600024 | Croitoru Catalin, Patachia Silvia, Lunguleasa Aurel | 2015 | CHEMICAL ENGINEERING RESEARCH & DESIGN | 1.78/2.82 |
| 10 | Dual Coating Laser Cladding of NiCrBSi and Inconel 718 WOS:000381388400003 | Elena Manuela Stanciu, Alexandru Pascu, Mircea Tierean, Ionelia Voiculescu, Ionut Claudiu Roată, Cătălin Croitoru, Iosif Hulka | 2016 | MATERIALS AND MANUFACTURING PROCESSES | 0.74/2.27 |