

Saeid Baradaran

List of Publications by Year in descending order

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papers

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759233

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1424
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#	ARTICLE	IF	CITATIONS
1	Graphene nanoplateletsâ€“silver hybrid nanofluids for enhanced heat transfer. <i>Energy Conversion and Management</i> , 2015, 100, 419-428.	9.2	273
2	Synthesis, Mechanical Properties, and in Vitro Biocompatibility with Osteoblasts of Calcium Silicateâ€“Reduced Graphene Oxide Composites. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3947-3962.	8.0	153
3	Facile synthesis of calcium silicate hydrate using sodium dodecyl sulfate as a surfactant assisted by ultrasonic irradiation. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 735-742.	8.2	60
4	Spongy nitrogen-doped activated carbonaceous hybrid derived from biomass material/graphene oxide for supercapacitor electrodes. <i>RSC Advances</i> , 2015, 5, 40505-40513.	3.6	59
5	Overview of Hydroxyapatiteâ€“Graphene Nanoplatelets Composite as Bone Graft Substitute: Mechanical Behavior and <i>In-vitro</i> Biofunctionality. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2018, 43, 177-212.	12.3	58
6	Solid-phase electrochemical reduction of graphene oxide films in alkaline solution. <i>Nanoscale Research Letters</i> , 2013, 8, 397.	5.7	56
7	Mechanical and In Vitro Biological Performance of Graphene Nanoplatelets Reinforced Calcium Silicate Composite. <i>PLoS ONE</i> , 2014, 9, e106802.	2.5	53
8	Graphene oxide electrocatalyst on MnO ₂ air cathode as an efficient electron pump for enhanced oxygen reduction in alkaline solution. <i>Scientific Reports</i> , 2015, 5, 9108.	3.3	30
9	Mechanical Property Enhancement of Ti-6Al-4V by Multilayer Thin Solid Film Ti/TiO ₂ Nanotubular Array Coating for Biomedical Application. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014, 45, 785-797.	2.2	26
10	Enhanced Photovoltaic Performance of Polymer Hybrid Nanostructure Heterojunction Solar Cells Based on Poly(3-hexylthiophene)/ZnS/ZnO/Reduced Graphene Oxide Shellâ€“Core Nanorod Arrays. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 14301-14309.	3.7	20
11	Crystallization behavior of tantalum and chlorine co-substituted hydroxyapatite nanopowders. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 33, 316-325.	5.8	20
12	Structural and morphological study of mechanochemically synthesized crystalline nanoneedles of Zr-doped carbonated chlorapatite. <i>Materials Letters</i> , 2015, 149, 100-104.	2.6	16