

Mehdi Montazeri-Pour

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/186705/publications.pdf>

Version: 2024-02-01

15
papers

170
citations

1163117

8
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural and mechanical properties of AA1100 aluminum processed by multi-axial incremental forging and shearing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 639, 705-716.	5.6	34
2	Synthesis of SrFe ₁₂ O ₁₉ /SiO ₂ /TiO ₂ composites with core/shell/shell nano-structure and evaluation of their photo-catalytic efficiency for degradation of methylene blue. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1877-1887.	2.2	27
3	Surface modification of sol-gel synthesized TiO ₂ photo-catalysts for the production of core/shell structured TiO ₂ -SiO ₂ nano-composites with reduced photo-catalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 3008-3019.	2.2	21
4	Constitutive analysis of tensile deformation behavior for AA1100 aluminum subjected to multi-axial incremental forging and shearing. <i>Mechanics of Materials</i> , 2016, 94, 117-131.	3.2	16
5	Maximum SiO ₂ layer thickness by utilizing polyethylene glycol as the surfactant in synthesis of core/shell structured TiO ₂ -SiO ₂ nano-composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 5560-5569.	2.2	9
6	Microwave-assisted processing of cobalt aluminate blue nano-ceramic pigment using sol-gel method. <i>Journal of the Australian Ceramic Society</i> , 2019, 55, 219-227.	1.9	9
7	Effect of Non-aqueous Media on Nano-crystalline SrFe ₁₂ O ₁₉ Particles Produced by Co-precipitation with Metal Chlorides and Evaluation of Their Magnetic and Photocatalytic Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2386-2396.	3.7	9
8	Comparison of the structural and photo-catalytic properties of nanostructured Fe ₃ O ₄ /TiO ₂ core-shell composites synthesized by ultrasonic and Stober methods. <i>Science of Sintering</i> , 2020, 52, 415-432.	1.4	8
9	Synthesis of Nano-Crystalline Barium Hexaferrite Using a Reactive Co-Precipitated Precursor. <i>IEEE Transactions on Magnetics</i> , 2008, 44, 4239-4242.	2.1	7
10	Multi-Axial Incremental Forging and Shearing as a New Severe Plastic Deformation Processing Technique. <i>Advanced Engineering Materials</i> , 2015, 17, 1197-1207.	3.5	7
11	LOW TEMPERATURE CRYSTALLIZATION OF BARIUM FERRITE NANO-PARTICLES VIA CO-PRECIPIATION METHOD USING DIETHYLENE GLYCOL. <i>International Journal of Modern Physics B</i> , 2008, 22, 3144-3152.	2.0	6
12	FORMATION MECHANISM OF BaFe ₁₂ O ₁₉ NANOPARTICLES PROCESSED VIA WET CHEMICAL ROUTE USING MIXED SOLVENT. <i>International Journal of Nanoscience</i> , 2011, 10, 1083-1086.	0.7	6
13	Constitutive description of severely deformed metals based on dimensional analysis. <i>Materials Science and Technology</i> , 2014, 30, 719-724.	1.6	5
14	Analysis of steel special moment frames including damaged column subjected to far and near-field ground motions. <i>Australian Journal of Structural Engineering</i> , 2020, 21, 193-207.	1.1	4
15	A Novel Severe Plastic Deformation Process for Shear Deformation and Grain Refinement of Bulk Materials. <i>Advanced Materials Research</i> , 2013, 829, 15-19.	0.3	2