

Mehdi Montazeri-Pour

List of Publications by Year in descending order

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