

Alireza Nouri

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,331
citations

331670

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377865

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44
all docs

44
docs citations

44
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification of additively manufactured metallic biomaterials with active antipathogenic properties. , 2023, 1, 100001.		10
2	Biodegradable metallic suture anchors: A review. , 2023, 1, 100005.		4
3	Formulating a model emulsion replicating SAGD in-situ emulsions. Journal of Petroleum Science and Engineering, 2022, 208, 109528.	4.2	6
4	A review on design characteristics and fabrication methods of metallic cardiovascular stents. Materials Today Communications, 2022, 31, 103467.	1.9	19
5	Measuring Interparticle Friction of Granules for Micromechanical Modeling. Energies, 2022, 15, 3967.	3.1	0
6	Additive manufacturing and advanced functionalities of cardiac patches: A review. European Polymer Journal, 2022, 174, 111332.	5.4	12
7	Stainless steels in orthopedics. , 2021, , 67-101.		12
8	Structural polymer biomaterials. , 2021, , 395-439.		16
9	Role of Asphaltene in Stability of Water-in-Oil Model Emulsions: The Effects of Oil Composition and Size of the Aggregates and Droplets. Energy & Fuels, 2021, 35, 5941-5954.	5.1	25
10	Theory and numerical approaches of high order fractional Sturmâ€“Liouville problems. Turkish Journal of Mathematics, 2021, 45, 1564-1579.	0.7	0
11	Determination of tensile behavior of hot-pressed Mgâ€“TiO2 and Mgâ€“ZrO2 nanocomposites using indentation test and a holistic inverse modeling technique. Journal of Materials Research and Technology, 2021, 14, 2107-2114.	5.8	15
12	Additive manufacturing of metallic and polymeric load-bearing biomaterials using laser powder bed fusion: A review. Journal of Materials Science and Technology, 2021, 94, 196-215.	10.7	101
13	Noble metal alloys for load-bearing implant applications. , 2021, , 127-156.		3
14	An Investigation into Current Sand Control Testing Practices for Steam Assisted Gravity Drainage Production Wells. Eng, 2021, 2, 435-453.	2.4	5
15	A set of graphical design criteria for slotted liners in steam assisted gravity drainage production wells. Journal of Petroleum Science and Engineering, 2020, 185, 106608.	4.2	8
16	Medical textiles. , 2020, , 291-333.		14
17	Electron beam melting in biomedical manufacturing. , 2020, , 271-314.		4
18	Physical featuresâ€™ characterization of the water-in-mineral oil macro emulsion stabilized by a nonionic surfactant. Journal of Dispersion Science and Technology, 2020, , 1-16.	2.4	3

#	ARTICLE	IF	CITATIONS
19	Emulsification and emulsion flow in thermal recovery operations with a focus on SAGD operations: A critical review. <i>Fuel</i> , 2020, 267, 117141.	6.4	32
20	A Workflow for Optimization of Flow Control Devices in SAGD. <i>Energies</i> , 2019, 12, 3237.	3.1	3
21	Powder morphology in thermal spraying. <i>Journal of Advanced Manufacturing and Processing</i> , 2019, 1, .	2.4	35
22	Microstructural porosity in additive manufacturing: The formation and detection of pores in metal parts fabricated by powder bed fusion. <i>Journal of Advanced Manufacturing and Processing</i> , 2019, 1, .	2.4	182
23	Metal particle shape: A practical perspective. <i>Metal Powder Report</i> , 2018, 73, 276-282.	0.1	27
24	Constitutive model for cyclic behaviour of cohesionless sands. <i>Geomechanics and Geoengineering</i> , 2017, 12, 36-47.	1.8	8
25	Coupling of solid deformation and pore pressure for undrained deformation—a discrete element method approach. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2017, 41, 1943-1961.	3.3	55
26	Evaluation of numerical schemes for capturing shock waves in modeling proppant transport in fractures. <i>Petroleum Science</i> , 2017, 14, 731-745.	4.9	1
27	Functionally graded porous scaffolds made of Ti-based agglomerates. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 63, 157-163.	3.1	24
28	Dual functions of TiC nanoparticles on tribological performance of Al/graphite composites. <i>Journal of Physics and Chemistry of Solids</i> , 2016, 93, 137-144.	4.0	45
29	Effects of milling time on powder packing characteristics and compressive mechanical properties of sintered Ti-10Nb-3Mo alloy. <i>Materials Letters</i> , 2015, 140, 55-58.	2.6	32
30	Compressibility of a Ti-based alloy with varying amounts of surfactant prepared by high-energy ball milling. <i>Powder Technology</i> , 2015, 279, 33-41.	4.2	13
31	Mechanical properties and microstructure of powder metallurgy Ti-xNb-yMo alloys for implant materials. <i>Materials and Design</i> , 2015, 88, 1164-1174.	7.0	55
32	Influence of Penetration Rate and Indenter Diameter in Strength Measurement by Indentation Testing on Small Rock Specimens. <i>Rock Mechanics and Rock Engineering</i> , 2015, 48, 527-534.	5.4	14
33	The addition of a surfactant at regular time intervals in the mechanical alloying process. <i>Journal of Alloys and Compounds</i> , 2014, 615, 47-55.	5.5	10
34	Surfactants in Mechanical Alloying/Milling: A Catch-22 Situation. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2014, 39, 81-108.	12.3	91
35	A Numerical Investigation of the Hydraulic Fracturing Mechanism in Oil Sands. , 2014, , .		1
36	Cell biological responses of osteoblasts on anodized nanotubular surface of a titanium-zirconium alloy. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 3416-3430.	4.0	42

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37	Review of Sand Production Prediction Models. <i>Journal of Petroleum Engineering</i> , 2013, 2013, 1-16.	0.6	68
38	Insight into the role of N,N-dimethylaminoethyl methacrylate (DMAEMA) conjugation onto poly(ethylenimine): cell viability and gene transfection studies. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2967-2980.	3.6	21
39	Gene delivery using biodegradable polyelectrolyte microcapsules prepared through the layer-by-layer technique. <i>Biotechnology Progress</i> , 2012, 28, 1088-1094.	2.6	23
40	Calcium phosphate-mediated gene delivery using simulated body fluid (SBF). <i>International Journal of Pharmaceutics</i> , 2012, 434, 199-208.	5.2	36
41	Effect of ball-milling time on the structural characteristics of biomedical porous Ti-Sn-Nb alloy. <i>Materials Science and Engineering C</i> , 2011, 31, 921-928.	7.3	67
42	Study on the Role of Stearic Acid and Ethylene-bis-stearamide on the Mechanical Alloying of a Biomedical Titanium Based Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2010, 41, 1409-1420.	2.2	28
43	Effect of surface roughness of Ti, Zr, and TiZr on apatite precipitation from simulated body fluid. <i>Biotechnology and Bioengineering</i> , 2008, 101, 378-387.	3.3	109
44	Synthesis of Ti-Sn-Nb alloy by powder metallurgy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 485, 562-570.	5.6	52