

Alireza Nouri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8871770/publications.pdf>

Version: 2024-02-01

27
papers

1,036
citations

516710

16
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

1065
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	A review on design characteristics and fabrication methods of metallic cardiovascular stents. Materials Today Communications, 2022, 31, 103467.	1.9	19
4	Allergies caused by textiles and their control. , 2022, , 551-579.		2
5	Stainless steels in orthopedics. , 2021, , 67-101.		12
6	Structural polymer biomaterials. , 2021, , 395-439.		16
7	Determination of tensile behavior of hot-pressed Mg ⁺ TiO ₂ and Mg ⁺ ZrO ₂ nanocomposites using indentation test and a holistic inverse modeling technique. Journal of Materials Research and Technology, 2021, 14, 2107-2114.	5.8	15
8	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
9	Noble metal alloys for load-bearing implant applications. , 2021, , 127-156.		3
10	Electron beam melting in biomedical manufacturing. , 2020, , 271-314.		4
11	Powder morphology in thermal spraying. Journal of Advanced Manufacturing and Processing, 2019, 1, .	2.4	35
12	Microstructural porosity in additive manufacturing: The formation and detection of pores in metal parts fabricated by powder bed fusion. Journal of Advanced Manufacturing and Processing, 2019, 1, .	2.4	182
13	Metal particle shape: A practical perspective. Metal Powder Report, 2018, 73, 276-282.	0.1	27
14	Functionally graded porous scaffolds made of Ti-based agglomerates. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 63, 157-163.	3.1	24
15	Dual functions of TiC nanoparticles on tribological performance of Al/graphite composites. Journal of Physics and Chemistry of Solids, 2016, 93, 137-144.	4.0	45
16	Effects of milling time on powder packing characteristics and compressive mechanical properties of sintered Ti-10Nb-3Mo alloy. Materials Letters, 2015, 140, 55-58.	2.6	32
17	Compressibility of a Ti-based alloy with varying amounts of surfactant prepared by high-energy ball milling. Powder Technology, 2015, 279, 33-41.	4.2	13
18	Mechanical properties and microstructure of powder metallurgy Ti ⁺ xNb ⁺ yMo alloys for implant materials. Materials and Design, 2015, 88, 1164-1174.	7.0	55

#	ARTICLE	IF	CITATIONS
19	The addition of a surfactant at regular time intervals in the mechanical alloying process. Journal of Alloys and Compounds, 2014, 615, 47-55.	5.5	10
20	Surfactants in Mechanical Alloying/Milling: A Catch-22 Situation. Critical Reviews in Solid State and Materials Sciences, 2014, 39, 81-108.	12.3	91
21	Insight into the role of N,N-dimethylaminoethyl methacrylate (DMAEMA) conjugation onto poly(ethylenimine): cell viability and gene transfection studies. Journal of Materials Science: Materials in Medicine, 2012, 23, 2967-2980.	3.6	21
22	Gene delivery using biodegradable polyelectrolyte microcapsules prepared through the layer-by-layer technique. Biotechnology Progress, 2012, 28, 1088-1094.	2.6	23
23	Calcium phosphate-mediated gene delivery using simulated body fluid (SBF). International Journal of Pharmaceutics, 2012, 434, 199-208.	5.2	36
24	Effect of ball-milling time on the structural characteristics of biomedical porous Ti-Sn-Nb alloy. Materials Science and Engineering C, 2011, 31, 921-928.	7.3	67
25	Study on the Role of Stearic Acid and Ethylene-bis-stearamide on the Mechanical Alloying of a Biomedical Titanium Based Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2010, 41, 1409-1420.	2.2	28
26	Effect of surface roughness of Ti, Zr, and TiZr on apatite precipitation from simulated body fluid. Biotechnology and Bioengineering, 2008, 101, 378-387.	3.3	109
27	Synthesis of Ti-Sn-Nb alloy by powder metallurgy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 485, 562-570.	5.6	52