

# Alireza Nouri

## List of Publications by Year in descending order

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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	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
2	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
3	Additive manufacturing of metallic and polymeric load-bearing biomaterials using laser powder bed fusion: A review. <i>Journal of Materials Science and Technology</i> , 2021, 94, 196-215.	10.7	101
4	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
5	Effect of ball-milling time on the structural characteristics of biomedical porous Tiâ€“Snâ€“Nb alloy. <i>Materials Science and Engineering C</i> , 2011, 31, 921-928.	7.3	67
6	Mechanical properties and microstructure of powder metallurgy Tiâ€“xNbâ€“yMo alloys for implant materials. <i>Materials and Design</i> , 2015, 88, 1164-1174.	7.0	55
7	Synthesis of Tiâ€“Snâ€“Nb alloy by powder metallurgy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 485, 562-570.	5.6	52
8	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
9	Calcium phosphate-mediated gene delivery using simulated body fluid (SBF). <i>International Journal of Pharmaceutics</i> , 2012, 434, 199-208.	5.2	36
10	Powder morphology in thermal spraying. <i>Journal of Advanced Manufacturing and Processing</i> , 2019, 1, .	2.4	35
11	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
12	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
13	Metal particle shape: A practical perspective. <i>Metal Powder Report</i> , 2018, 73, 276-282.	0.1	27
14	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
15	Gene delivery using biodegradable polyelectrolyte microcapsules prepared through the layerâ€“byâ€“layer technique. <i>Biotechnology Progress</i> , 2012, 28, 1088-1094.	2.6	23
16	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
17	A review on design characteristics and fabrication methods of metallic cardiovascular stents. <i>Materials Today Communications</i> , 2022, 31, 103467.	1.9	19
18	Structural polymer biomaterials. , 2021, , 395-439.		16

#	ARTICLE	IF	CITATIONS
19	Determination of tensile behavior of hot-pressed Mg <sup>+</sup> TiO <sub>2</sub> and Mg <sup>+</sup> ZrO <sub>2</sub> nanocomposites using indentation test and a holistic inverse modeling technique. Journal of Materials Research and Technology, 2021, 14, 2107-2114.	5.8	15
20	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
21	Stainless steels in orthopedics. , 2021, , 67-101.		12
22	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
23	Surface modification of additively manufactured metallic biomaterials with active antipathogenic properties. , 2023, 1, 100001.		10
24	Electron beam melting in biomedical manufacturing. , 2020, , 271-314.		4
25	Biodegradable metallic suture anchors: A review. , 2023, 1, 100005.		4
26	Noble metal alloys for load-bearing implant applications. , 2021, , 127-156.		3
27	Allergies caused by textiles and their control. , 2022, , 551-579.		2