Mandana Adeli

List of Publications by Year
in descending order

18	370	1040056 9	888059 17
papers	citations	h-index	g-index

18	18	18	402
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Implementation of Thermite Reactions in the Production of Advanced Intermetallic-Matrix Composites: The Case of Nb2O5/Al Thermite Mixture. Metals and Materials International, 2022, 28, 1499-1507.	3.4	2
2	Efficient production of magnesium silicide from elemental powders by combustion synthesis. Ceramics International, 2021, 47, 2822-2827.	4.8	3
3	Effect of Synthesis Mode and Ni Particle Size on Microstructural Aspects and Hardness Properties of Combustion-Synthesized NiTi. Metals and Materials International, 2021, 27, 1273-1281.	3.4	4
4	Molten salt electrodeposition of aluminum on mild steel: effect of process parameters on surface morphology and corrosion properties. Materials Research Express, 2021, 8, 046518.	1.6	3
5	Effects of the addition of CNTs and Al alloying on the microstructure and properties of Cu-(Al)/CNTs composites. Diamond and Related Materials, 2021, 120, 108600.	3.9	9
6	Investigation of the Effect of Foaming Agent on the Fabrication of NiTi Foams Using the Self-Propagating, High-Temperature Synthesis Process. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2019, 50, 2566-2573.	2.1	3
7	Facile synthesis of ZnO nanosheets as ultraviolet photocatalyst. Journal of Sol-Gel Science and Technology, 2019, 89, 594-601.	2.4	7
8	Photocatalytic properties of solution combustion synthesized ZnO powders using mixture of CTAB and glycine and citric acid fuels. Advanced Powder Technology, 2019, 30, 284-291.	4.1	28
9	Solution combustion synthesis of ZnO powders using various surfactants as fuel. Journal of Sol-Gel Science and Technology, 2019, 89, 586-593.	2.4	13
10	Solution combustion synthesis of ZnO powders using CTAB as fuel. Ceramics International, 2018, 44, 7741-7745.	4.8	39
11	Formation of Fe-TiC composite clad layers on steel using the combustion synthesis process. Surface and Coatings Technology, 2018, 347, 217-224.	4.8	9
12	Microstructural evolution and interfacial diffusion during heat treatment of Hastelloy/stainless steel bimetals. Journal of Alloys and Compounds, 2017, 712, 172-178.	5.5	21
13	Induction-activated self-propagating, high-temperature synthesis of nickel aluminide. Advanced Powder Technology, 2017, 28, 2974-2979.	4.1	27
14	The Kinetics of TiAl3 Formation in Explosively Welded Ti-Al Multilayers During Heat Treatment. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2016, 47, 2931-2937.	2.1	16
15	A Study on the Formation of Intermetallics During the Heat Treatment of Explosively Welded Al-Ti Multilayers. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1823-1832.	2.2	53
16	A Numerical Model for the Combustion Synthesis of Titanium Aluminide in the Self-Propagating Mode. Combustion Science and Technology, 2013, 185, 1118-1131.	2.3	0
17	A study on the combustion synthesis of titanium aluminide in the self-propagating mode. Journal of Alloys and Compounds, 2010, 497, 100-104.	5.5	30
18	Reductive dissolution of manganese ore in sulfuric acid in the presence of iron metal. Hydrometallurgy, 2008, 90, 207-212.	4.3	103