

# Mandana Adeli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1674369/publications.pdf>

Version: 2024-02-01

18  
papers

370  
citations

1040056

9  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reductive dissolution of manganese ore in sulfuric acid in the presence of iron metal. Hydrometallurgy, 2008, 90, 207-212.	4.3	103
2	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
3	Solution combustion synthesis of ZnO powders using CTAB as fuel. Ceramics International, 2018, 44, 7741-7745.	4.8	39
4	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
5	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
6	Induction-activated self-propagating, high-temperature synthesis of nickel aluminide. Advanced Powder Technology, 2017, 28, 2974-2979.	4.1	27
7	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
8	The Kinetics of TiAl <sub>3</sub> 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
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	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
11	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
12	Facile synthesis of ZnO nanosheets as ultraviolet photocatalyst. Journal of Sol-Gel Science and Technology, 2019, 89, 594-601.	2.4	7
13	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
14	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
15	Efficient production of magnesium silicide from elemental powders by combustion synthesis. Ceramics International, 2021, 47, 2822-2827.	4.8	3
16	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
17	Implementation of Thermite Reactions in the Production of Advanced Intermetallic-Matrix Composites: The Case of Nb <sub>2</sub> O <sub>5</sub> /Al Thermite Mixture. Metals and Materials International, 2022, 28, 1499-1507.	3.4	2
18	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