

Abolghasem Ataie

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

395
citations

840776

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h-index

752698

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23
all docs

23
docs citations

23
times ranked

602
citing authors

#	ARTICLE	IF	CITATIONS
1	Sandwich-structured graphene@NiFe ₂ O ₄ carbon nanocomposite anodes with exceptional electrochemical performance for Li ion batteries. Journal of Materials Chemistry A, 2014, 2, 8314.	10.3	79
2	Processing of Cu-Fe and Cu-Fe-SiC nanocomposites by mechanical alloying. Advanced Powder Technology, 2017, 28, 1882-1887.	4.1	43
3	Core-shell structured Ni ₃ S ₂ nanorods grown on interconnected Ni-graphene foam for symmetric supercapacitors. Electrochimica Acta, 2018, 271, 507-518.	5.2	42
4	NiFe ₂ O ₄ /graphene nanocomposites with tunable magnetic properties. Journal of Magnetism and Magnetic Materials, 2015, 379, 95-101.	2.3	36
5	Characterization of B site codoped LaFeO ₃ nanoparticles prepared via co-precipitation route. Rare Metals, 2018, 37, 181-190.	7.1	22
6	SYNTHESIS OF MAGNETITE NANO-PARTICLES BY REVERSE CO-PRECIPITATION. International Journal of Modern Physics Conference Series, 2012, 05, 160-167.	0.7	20
7	Three-dimensional rice husk-originated mesoporous silicon and its electrical properties. Materials Today Communications, 2018, 14, 141-150.	1.9	20
8	Amorphization, mechano-crystallization, and crystallization kinetics of mechanically alloyed AlFeCuZnTi high-entropy alloys. Materials Letters, 2022, 307, 131098.	2.6	19
9	Temperature dependency of activity of nano-catalysts on La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-δ} cathode of solid oxide fuel cells. Journal of Applied Electrochemistry, 2019, 49, 1113-1122.	2.9	15
10	Low-temperature synthesis of Sr ₂ FeMoO ₆ double perovskite; structure, morphology, and magnetic properties. Ceramics International, 2020, 46, 16867-16878.	4.8	15
11	Amorphization and mechano-crystallization of high-energy ball milled Fe-Ti alloys. Journal of Non-Crystalline Solids, 2019, 520, 119466.	3.1	14
12	Nano-structured Pd doped LaFe(Co)O ₃ perovskite; synthesis, characterization and catalytic behavior. Materials Chemistry and Physics, 2018, 205, 228-239.	4.0	11
13	Crystallization kinetics of mechanically alloyed amorphous Fe-Ti alloys during annealing. Advanced Powder Technology, 2020, 31, 3215-3221.	4.1	10
14	Mechano-thermal treatment of TiO ₂ -Al powder mixture to prepare TiAl/Al ₂ O ₃ composite. Metals and Materials International, 2011, 17, 743-748.	3.4	9
15	In-Situ Synthesis of Cu/Cr-Al ₂ O ₃ Nanocomposite by Mechanical Alloying and Heat Treatment. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2010, 41, 2606-2612.	2.2	8
16	LaFe _{0.6} Co _{0.4} O ₃ promoted LSCM/YSZ anode for direct utilization of methanol in solid oxide fuel cells. Ionics, 2020, 26, 1011-1018.	2.4	7
17	Low-temperature preparation and investigation of electrochemical properties of SFM/CGO composite electrode. Solid State Ionics, 2020, 356, 115435.	2.7	7
18	Development of an SFMM/CGO composite electrode with stable electrochemical performance at different oxygen partial pressures. International Journal of Hydrogen Energy, 2022, 47, 7915-7931.	7.1	5

#	ARTICLE	IF	CITATIONS
19	Ti leaching from activated ilmenite-Fe mixture at different milling energy levels. International Journal of Minerals, Metallurgy and Materials, 2018, 25, 1263-1274.	4.9	4
20	Synthesis of nano-structured La _{0.8} Ba _{0.2} MnO ₃ perovskite via a mechano-thermal route. Metals and Materials International, 2014, 20, 77-81.	3.4	3
21	Characterization of mechanothermally processed nanostructured ZnO. International Journal of Minerals, Metallurgy and Materials, 2016, 23, 588-594.	4.9	3
22	Role of milling parameters on the mechano-chemically synthesized mesoporous nanosilicon properties for Li-ion batteries anode. Journal of Physics and Chemistry of Solids, 2020, 139, 109318.	4.0	2
23	FABRICATION OF BaCO ₃ NANO-RODS IN WATER/POLY VINYL ALCOHOL MIXED SOLVENTS. International Journal of Modern Physics Conference Series, 2012, 05, 87-93.	0.7	1