

# Abolghasem Ataie

## List of Publications by Year in descending order

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23  
papers

395  
citations

840776

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23  
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times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amorphization, mechano-crystallization, and crystallization kinetics of mechanically alloyed AlFeCuZnTi high-entropy alloys. <i>Materials Letters</i> , 2022, 307, 131098.	2.6	19
2	Development of an SFMM/CGO composite electrode with stable electrochemical performance at different oxygen partial pressures. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 7915-7931.	7.1	5
3	LaFe <sub>0.6</sub> Co <sub>0.4</sub> O <sub>3</sub> promoted LSCM/YSZ anode for direct utilization of methanol in solid oxide fuel cells. <i>Ionics</i> , 2020, 26, 1011-1018.	2.4	7
4	Role of milling parameters on the mechano-chemically synthesized mesoporous nanosilicon properties for Li-ion batteries anode. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 139, 109318.	4.0	2
5	Low-temperature preparation and investigation of electrochemical properties of SFM/CGO composite electrode. <i>Solid State Ionics</i> , 2020, 356, 115435.	2.7	7
6	Crystallization kinetics of mechanically alloyed amorphous Fe-Ti alloys during annealing. <i>Advanced Powder Technology</i> , 2020, 31, 3215-3221.	4.1	10
7	Low-temperature synthesis of Sr <sub>2</sub> FeMoO <sub>6</sub> double perovskite; structure, morphology, and magnetic properties. <i>Ceramics International</i> , 2020, 46, 16867-16878.	4.8	15
8	Temperature dependency of activity of nano-catalysts on La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-<math>\delta</math></sub> cathode of solid oxide fuel cells. <i>Journal of Applied Electrochemistry</i> , 2019, 49, 1113-1122.	2.9	15
9	Amorphization and mechano-crystallization of high-energy ball milled Fe Ti alloys. <i>Journal of Non-Crystalline Solids</i> , 2019, 520, 119466.	3.1	14
10	Three-dimensional rice husk-originated mesoporous silicon and its electrical properties. <i>Materials Today Communications</i> , 2018, 14, 141-150.	1.9	20
11	Core-shell structured Ni <sub>3</sub> S <sub>2</sub> nanorods grown on interconnected Ni-graphene foam for symmetric supercapacitors. <i>Electrochimica Acta</i> , 2018, 271, 507-518.	5.2	42
12	Characterization of B site codoped LaFeO <sub>3</sub> nanoparticles prepared via co-precipitation route. <i>Rare Metals</i> , 2018, 37, 181-190.	7.1	22
13	Nano-structured Pd doped LaFe(Co)O <sub>3</sub> perovskite; synthesis, characterization and catalytic behavior. <i>Materials Chemistry and Physics</i> , 2018, 205, 228-239.	4.0	11
14	Ti leaching from activated ilmenite-Fe mixture at different milling energy levels. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2018, 25, 1263-1274.	4.9	4
15	Processing of Cu-Fe and Cu-Fe-SiC nanocomposites by mechanical alloying. <i>Advanced Powder Technology</i> , 2017, 28, 1882-1887.	4.1	43
16	Characterization of mechanothermally processed nanostructured ZnO. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2016, 23, 588-594.	4.9	3
17	NiFe <sub>2</sub> O <sub>4</sub> /graphene nanocomposites with tunable magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 379, 95-101.	2.3	36
18	Synthesis of nano-structured La <sub>0.8</sub> Ba <sub>0.2</sub> MnO <sub>3</sub> perovskite via a mechano-thermal route. <i>Metals and Materials International</i> , 2014, 20, 77-81.	3.4	3

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19	Sandwich-structured graphene@NiFe <sub>2</sub> O <sub>4</sub> carbon nanocomposite anodes with exceptional electrochemical performance for Li ion batteries. Journal of Materials Chemistry A, 2014, 2, 8314.	10.3	79
20	FABRICATION OF BaCO <sub>3</sub> NANO-RODS IN WATER/POLY VINYL ALCOHOL MIXED SOLVENTS. International Journal of Modern Physics Conference Series, 2012, 05, 87-93.	0.7	1
21	SYNTHESIS OF MAGNETITE NANO-PARTICLES BY REVERSE CO-PRECIPITATION. International Journal of Modern Physics Conference Series, 2012, 05, 160-167.	0.7	20
22	Mechano-thermal treatment of TiO <sub>2</sub> -Al powder mixture to prepare TiAl/Al <sub>2</sub> O <sub>3</sub> composite. Metals and Materials International, 2011, 17, 743-748.	3.4	9
23	In-Situ Synthesis of Cu/Cr-Al <sub>2</sub> O <sub>3</sub> Nanocomposite by Mechanical Alloying and Heat Treatment. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2010, 41, 2606-2612.	2.2	8