

Feng Zheng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

275
citations

9
h-index

14
g-index

37
ext. papers

330
ext. citations

3.2
avg, IF

2.94
L-index

#	Paper	IF	Citations
35	A multifunctional MXene additive for enhancing the mechanical and electrochemical performances of the LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathode in lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 4494-4504	13	13
34	Thermodynamics and up-conversion of Cr ³⁺ /Ho ³⁺ Co-doped 12CaO \cdot 7Al ₂ O ₃ synthesized in argon. <i>Journal of Alloys and Compounds</i> , 2019 , 788, 799-809	5.7	1
33	Preparation of polyaniline hollow microspheres/zinc composite and its application in lithium battery. <i>High Performance Polymers</i> , 2019 , 31, 178-185	1.6	2
32	Doping effects of cerium ion on structure and electrochemical properties of polyaniline. <i>Polymer International</i> , 2018 , 67, 121-126	3.3	9
31	Mechanical properties of 1 mol% CeO ₂ -10 mol% Sc ₂ O ₃ co-doped and stabilized ZrO ₂ synthesized through hydro/solve-thermal method. <i>International Journal of Applied Ceramic Technology</i> , 2017 , 14, 474-485	2	5
30	High-throughput measurements of interdiffusivity matrices in face centered cubic Ni ₄ AlMo alloys at 1273 \pm 473 K. <i>Journal of Materials Research</i> , 2017 , 32, 2188-2201	2.5	17
29	Characterization of CNT π -pyrolytic C-layer-coated Al foil: interfacial structures, reactions, and performances. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	1
28	Effects of Precipitant and pH on Coprecipitation of Nanosized Co-Cr-V Alloy Powders. <i>Materials</i> , 2017 , 10,	3.5	4
27	Polyaniline/silver nanocomposites synthesized via UV π is-assisted aniline polymerization with a reversed micellar microemulsion system. <i>Polymer Composites</i> , 2016 , 37, 1064-1071	3	14
26	Characteristics, Thermodynamics, and Preparation of Nanocaged 12CaO \cdot 7Al ₂ O ₃ and Its Derivatives. <i>International Journal of Applied Ceramic Technology</i> , 2016 , 13, 844-855	2	9
25	Effects of ZnO and NiO on material properties of microwave absorptive glass-ceramic tile derived from iron ore tailings. <i>Ceramics International</i> , 2016 , 42, 8179-8189	5.1	16
24	RuO ₂ /Activated Carbon Composite Electrode Prepared by Modified Colloidal Procedure and Thermal Decomposition Method. <i>Journal of Electronic Materials</i> , 2016 , 45, 374-378	1.9	6
23	Structure, crystallization and dielectric resonances in 2 π 3 GHz of waste-derived glass-ceramic. <i>Solid State Sciences</i> , 2016 , 62, 56-70	3.4	3
22	Structure refinement and up-conversion of Ho ³⁺ /Er ³⁺ Co-doped 12CaO \cdot 7Al ₂ O ₃ . <i>Materials and Design</i> , 2016 , 108, 93-105	8.1	5
21	Green up-conversion of C12A7 π Ho ³⁺ prepared by co-precipitation method. <i>Journal of Alloys and Compounds</i> , 2015 , 642, 7-14	5.7	7
20	Composition change and capacitance properties of ruthenium oxide thin film. <i>Journal of Central South University</i> , 2015 , 22, 8-13	2.1	0
19	Thermodynamic modeling of the Co π if system supported by key experiments and first-principles calculations. <i>Thermochimica Acta</i> , 2015 , 608, 49-58	2.9	8

18	Preparation and characterization of novel glass/ceramic tile with microwave absorption properties from iron ore tailings. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 378, 367-375	2.8	33
17	Polyaniline/silver/cerium nitrate ternary composite: Synthesis, characterization and enhanced electrochemical properties. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	7
16	Effect of Mo on mechanical properties of modified ultrahigh carbon steels after heat-treatment. <i>Journal of Central South University</i> , 2014 , 21, 1683-1688	2.1	4
15	Near-Net-Shape Tungsten-Rhenium Alloy Parts Produced by Plasma Spray Forming and Hot Isostatic Pressing. <i>Materials Transactions</i> , 2014 , 55, 713-721	1.3	4
14	Silver nanoparticles prepared by using poly(2-acrylamido-2-methylpropane sulphonic acid) as a surfactant. <i>Micro and Nano Letters</i> , 2014 , 9, 750-752	0.9	1
13	Solvothermal synthesis of solid and hollow CoO nanospheres and their electrochemical properties in lithium-ion battery. <i>Journal of Materials Science</i> , 2013 , 48, 342-347	4.3	10
12	Effects of solution treatment on mechanical properties and microstructures of Al-Li-Cu-Mg-Ag alloy. <i>Journal of Central South University</i> , 2013 , 20, 2083-2089	2.1	4
11	Thermodynamic assessment of Sn-Cu-Fe system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2013 , 43, 124-132	1.9	7
10	Polyaniline/Ag nanocomposite synthesized by using aniline as dispersant and stabilizer of nanosilver sol. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 3933-3938	2.9	13
9	Phase equilibria in the Gd-Ni binary and Mg-Ni-Cd ternary systems. <i>International Journal of Materials Research</i> , 2012 , 103, 1179-1187	0.5	10
8	Thermodynamic modeling of the Hf-Nb and Sn-N systems. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2012 , 39, 91-96	1.9	6
7	Isothermal section of the Al-Dy-Zr ternary system at 773K. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 6190-6195	5.7	5
6	Near-Net-Shape Molybdenum Parts Produced by Plasma Spray Forming. <i>Materials Transactions</i> , 2011 , 52, 1269-1275	1.3	3
5	Sintering Behavior of Tungsten Heavy Alloy Products Made by Plasma Spray Forming. <i>Materials Transactions</i> , 2011 , 52, 759-767	1.3	4
4	Thermodynamic assessment of La-Bi and Mg-Pa-Bi systems. <i>Journal of Alloys and Compounds</i> , 2010 , 490, 253-259	5.7	7
3	Phase equilibria of the system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2009 , 33, 624-627	1.9	26
2	High temperature electrode reactions of Sr and Mg doped LaGaO ₃ perovskite. <i>Journal of Materials Science</i> , 2008 , 43, 2058-2065	4.3	5
1	Effect of aging on fracture toughness and stress corrosion cracking resistance of forged 7475 aluminum alloy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2007 , 22, 191-195	1	6

