

# Feng Zheng

## List of Publications by Citations

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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	Preparation and characterization of novel glass/ceramic tile with microwave absorption properties from iron ore tailings. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 378, 367-375	2.8	33
34	Phase equilibria of the system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , <b>2009</b> , 33, 624-627	1.9	26
33	High-throughput measurements of interdiffusivity matrices in face centered cubic Ni <sub>3</sub> Al <sub>1-x</sub> Mo alloys at 1273–1473 K. <i>Journal of Materials Research</i> , <b>2017</b> , 32, 2188-2201	2.5	17
32	Effects of ZnO and NiO on material properties of microwave absorptive glass-ceramic tile derived from iron ore tailings. <i>Ceramics International</i> , <b>2016</b> , 42, 8179-8189	5.1	16
31	Polyaniline/silver nanocomposites synthesized via UV/Vis-assisted aniline polymerization with a reversed micellar microemulsion system. <i>Polymer Composites</i> , <b>2016</b> , 37, 1064-1071	3	14
30	A multifunctional MXene additive for enhancing the mechanical and electrochemical performances of the LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> cathode in lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 4494-4504	13	13
29	Polyaniline/Ag nanocomposite synthesized by using aniline as dispersant and stabilizer of nanosilver sol. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 128, 3933-3938	2.9	13
28	Solvothermal synthesis of solid and hollow CoO nanospheres and their electrochemical properties in lithium-ion battery. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 342-347	4.3	10
27	Phase equilibria in the Gd-Ni binary and Mg-Ni-Co ternary systems. <i>International Journal of Materials Research</i> , <b>2012</b> , 103, 1179-1187	0.5	10
26	Doping effects of cerium ion on structure and electrochemical properties of polyaniline. <i>Polymer International</i> , <b>2018</b> , 67, 121-126	3.3	9
25	Characteristics, Thermodynamics, and Preparation of Nanocaged 12CaO $\cdot$ 7Al <sub>2</sub> O <sub>3</sub> and Its Derivatives. <i>International Journal of Applied Ceramic Technology</i> , <b>2016</b> , 13, 844-855	2	9
24	Thermodynamic modeling of the Co-Hf system supported by key experiments and first-principles calculations. <i>Thermochimica Acta</i> , <b>2015</b> , 608, 49-58	2.9	8
23	Green up-conversion of Cr <sup>3+</sup> prepared by co-precipitation method. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 642, 7-14	5.7	7
22	Thermodynamic assessment of Sn-Cu-Te system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , <b>2013</b> , 43, 124-132	1.9	7
21	Polyaniline/silver/cerium nitrate ternary composite: Synthesis, characterization and enhanced electrochemical properties. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	7
20	Thermodynamic assessment of La-Bi and Mg-La-Bi systems. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 490, 253-259	5.7	7
19	RuO <sub>2</sub> /Activated Carbon Composite Electrode Prepared by Modified Colloidal Procedure and Thermal Decomposition Method. <i>Journal of Electronic Materials</i> , <b>2016</b> , 45, 374-378	1.9	6

18	Thermodynamic modeling of the HfSn and Sn <sub>2</sub> systems. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , <b>2012</b> , 39, 91-96	1.9	6
17	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> , <b>2007</b> , 22, 191-195	1	6
16	Mechanical properties of 1 mol% CeO <sub>2</sub> -10 mol% Sc <sub>2</sub> O <sub>3</sub> co-doped and stabilized ZrO <sub>2</sub> synthesized through hydro/solve-thermal method. <i>International Journal of Applied Ceramic Technology</i> , <b>2017</b> , 14, 474-485	2	5
15	Isothermal section of the AlDyZr ternary system at 773K. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 6190-6195	5.7	5
14	High temperature electrode reactions of Sr and Mg doped LaGaO <sub>3</sub> perovskite. <i>Journal of Materials Science</i> , <b>2008</b> , 43, 2058-2065	4.3	5
13	Structure refinement and up-conversion of Ho <sup>3+</sup> /Er <sup>3+</sup> Co-doped 12CaO $\cdot$ Al <sub>2</sub> O <sub>3</sub> . <i>Materials and Design</i> , <b>2016</b> , 108, 93-105	8.1	5
12	Effect of Mo on mechanical properties of modified ultrahigh carbon steels after heat-treatment. <i>Journal of Central South University</i> , <b>2014</b> , 21, 1683-1688	2.1	4
11	Near-Net-Shape Tungsten&dash;Rhenium Alloy Parts Produced by Plasma Spray Forming and Hot Isostatic Pressing. <i>Materials Transactions</i> , <b>2014</b> , 55, 713-721	1.3	4
10	Effects of solution treatment on mechanical properties and microstructures of Al-Li-Cu-Mg-Ag alloy. <i>Journal of Central South University</i> , <b>2013</b> , 20, 2083-2089	2.1	4
9	Effects of Precipitant and pH on Coprecipitation of Nanosized Co-Cr-V Alloy Powders. <i>Materials</i> , <b>2017</b> , 10,	3.5	4
8	Sintering Behavior of Tungsten Heavy Alloy Products Made by Plasma Spray Forming. <i>Materials Transactions</i> , <b>2011</b> , 52, 759-767	1.3	4
7	Near-Net-Shape Molybdenum Parts Produced by Plasma Spray Forming. <i>Materials Transactions</i> , <b>2011</b> , 52, 1269-1275	1.3	3
6	Structure, crystallization and dielectric resonances in 213 GHz of waste-derived glass-ceramic. <i>Solid State Sciences</i> , <b>2016</b> , 62, 56-70	3.4	3
5	Preparation of polyaniline hollow microspheres/zinc composite and its application in lithium battery. <i>High Performance Polymers</i> , <b>2019</b> , 31, 178-185	1.6	2
4	Characterization of CNT $\pi$ pyrolytic C-layer-coated Al foil: interfacial structures, reactions, and performances. <i>Applied Physics A: Materials Science and Processing</i> , <b>2017</b> , 123, 1	2.6	1
3	Silver nanoparticles prepared by using poly(2-acrylamido-2-methylpropane sulphonic acid) as a surfactant. <i>Micro and Nano Letters</i> , <b>2014</b> , 9, 750-752	0.9	1
2	Thermodynamics and up-conversion of Cr <sup>3+</sup> /Ho <sup>3+</sup> Co-doped 12CaO $\cdot$ Al <sub>2</sub> O <sub>3</sub> synthesized in argon. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 788, 799-809	5.7	1
1	Composition change and capacitance properties of ruthenium oxide thin film. <i>Journal of Central South University</i> , <b>2015</b> , 22, 8-13	2.1	0

