Qiang Zhen

List of Publications by Year
in descending order

21 papers	703 citations	623734 14 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	940 citing authors

#	Article	IF	Citations
1	Facile preparation of zeolite-activated carbon composite from coal gangue with enhanced adsorption performance. Chemical Engineering Journal, 2020, 390, 124513.	12.7	134
2	Preparation of glass-ceramic foams using extracted titanium tailing and glass waste as raw materials. Construction and Building Materials, 2018, 190, 896-909.	7.2	89
3	Synthesis of NaY zeolite from coal gangue and its characterization for lead removal from aqueous solution. Advanced Powder Technology, 2020, 31, 2699-2710.	4.1	60
4	Facile preparation of WO3 nano-fibers with super large aspect ratio for high performance supercapacitor. Journal of Alloys and Compounds, 2019, 772, 933-942.	5.5	55
5	Photocatalytic degradation and pathway of oxytetracycline in aqueous solution by Fe₂O₃â€“TiO₂ nanopowder. RSC Advances, 2015, 5, 40764-40771.	3.6	51
6	Hydrothermal preparation of WO₃ nanorod array and ZnO nanosheet array composite structures on FTO substrates with enhanced photocatalytic properties. Journal of Materials Chemistry C, 2015, 3, 7612-7620.	5.5	45
7	Optimization of post-treatment variables to produce hierarchical porous zeolites from coal gangue to enhance adsorption performance. Chemical Engineering Journal, 2020, 381, 122698.	12.7	44
8	Facile preparation of hierarchical vanadium pentoxide (V2O5)/titanium dioxide (TiO2) heterojunction composite nano-arrays for high performance supercapacitor. Journal of Power Sources, 2018, 404, 47-55.	7.8	42
9	Effects of morphology, size and crystallinity on the electrochromic properties of nanostructured WO₃ films. CrystEngComm, 2015, 17, 5440-5450.	2.6	38
10	Honeycomb-like TiO2@GO nanocomposites for the photodegradation of oxytetracycline. Materials Letters, 2018, 228, 318-321.	2.6	27
11	V₂O₅ nanobelt arrays with controllable morphologies for enhanced performance supercapacitors. CrystEngComm, 2017, 19, 6412-6424.	2.6	23
12	Growth behavior of TiB₂ hexagonal plates prepared via a moltenâ€saltâ€mediated carbothermal reduction. Journal of the American Ceramic Society, 2020, 103, 719-723.	3.8	18
13	Microwave Plasma Sintered Nanocrystalline Bi2O3â"HfO2â"Y2O3 Composite Solid Electrolyte. Chemistry of Materials, 2007, 19, 203-210.	6.7	15
14	Hydrothermal preparation of MoS 2 nanoflake arrays on Cu foil with enhanced supercapacitive property. Electrochimica Acta, 2017, 227, 101-109.	5.2	15
15	Coercivity Mechanism of (Nd0.8Ce0.2)2.4Fe12Co2B Ribbons with Ferromagnetic Grain Boundary Phase. Materials, 2017, 10, 1062.	2.9	12
16	Effect of growth time on morphology and photovoltaic properties of ZnO nanowire array films. Rare Metals, 2011, 30, 676-680.	7.1	11
17	Solvothermal Synthesis of a Hollow Micro-Sphere LiFePO4/C Composite with a Porous Interior Structure as a Cathode Material for Lithium Ion Batteries. Nanomaterials, 2017, 7, 368.	4.1	11
18	Synthesis and formation mechanism of nanocrystalline ZrB2â€“Al2O3 composite powders via an amorphous precursor. Rare Metals, 2021, 40, 1801-1807.	7.1	5

#	Article	IF	Citations
19	Preparation of TiB2â€“SiC composites toughened with interlocking microstructure by self-assembled TiB2 plates. Ceramics International, 2022, 48, 5119-5129.	4.8	5
20	Construction of the Coreâ€“Shell Tourmaline@ZnO Micro-nano Structure Towards the Highly Efficient Degradation of Organic Pollutants. Journal of Electronic Materials, 2021, 50, 3885-3896.	2.2	2
21	Separation and comprehensive utilization of valuable elements in Ti-bearing electric arc furnace molten slag. Journal of Iron and Steel Research International, 2018, 25, 487-496.	2.8	1