

Qiang Zhen

List of Publications by Year in descending order

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papers

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docs citations

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940
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#	ARTICLE	IF	CITATIONS
1	Preparation of TiB ₂ @SiC composites toughened with interlocking microstructure by self-assembled TiB ₂ plates. <i>Ceramics International</i> , 2022, 48, 5119-5129.	4.8	5
2	Synthesis and formation mechanism of nanocrystalline ZrB ₂ @Al ₂ O ₃ composite powders via an amorphous precursor. <i>Rare Metals</i> , 2021, 40, 1801-1807.	7.1	5
3	Construction of the Core@Shell Tourmaline@ZnO Micro-nano Structure Towards the Highly Efficient Degradation of Organic Pollutants. <i>Journal of Electronic Materials</i> , 2021, 50, 3885-3896.	2.2	2
4	Optimization of post-treatment variables to produce hierarchical porous zeolites from coal gangue to enhance adsorption performance. <i>Chemical Engineering Journal</i> , 2020, 381, 122698.	12.7	44
5	Growth behavior of TiB ₂ hexagonal plates prepared via a molten salt-mediated carbothermal reduction. <i>Journal of the American Ceramic Society</i> , 2020, 103, 719-723.	3.8	18
6	Synthesis of NaY zeolite from coal gangue and its characterization for lead removal from aqueous solution. <i>Advanced Powder Technology</i> , 2020, 31, 2699-2710.	4.1	60
7	Facile preparation of zeolite-activated carbon composite from coal gangue with enhanced adsorption performance. <i>Chemical Engineering Journal</i> , 2020, 390, 124513.	12.7	134
8	Facile preparation of WO ₃ nano-fibers with super large aspect ratio for high performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2019, 772, 933-942.	5.5	55
9	Separation and comprehensive utilization of valuable elements in Ti-bearing electric arc furnace molten slag. <i>Journal of Iron and Steel Research International</i> , 2018, 25, 487-496.	2.8	1
10	Preparation of glass-ceramic foams using extracted titanium tailing and glass waste as raw materials. <i>Construction and Building Materials</i> , 2018, 190, 896-909.	7.2	89
11	Facile preparation of hierarchical vanadium pentoxide (V ₂ O ₅)/titanium dioxide (TiO ₂) heterojunction composite nano-arrays for high performance supercapacitor. <i>Journal of Power Sources</i> , 2018, 404, 47-55.	7.8	42
12	Honeycomb-like TiO ₂ @GO nanocomposites for the photodegradation of oxytetracycline. <i>Materials Letters</i> , 2018, 228, 318-321.	2.6	27
13	Hydrothermal preparation of MoS ₂ nanoflake arrays on Cu foil with enhanced supercapacitive property. <i>Electrochimica Acta</i> , 2017, 227, 101-109.	5.2	15
14	V ₂ O ₅ nanobelt arrays with controllable morphologies for enhanced performance supercapacitors. <i>CrystEngComm</i> , 2017, 19, 6412-6424.	2.6	23
15	Solvothermal Synthesis of a Hollow Micro-Sphere LiFePO ₄ /C Composite with a Porous Interior Structure as a Cathode Material for Lithium Ion Batteries. <i>Nanomaterials</i> , 2017, 7, 368.	4.1	11
16	Coercivity Mechanism of (Nd _{0.8} Ce _{0.2}) ₂ Fe ₁₂ Co ₂ B Ribbons with Ferromagnetic Grain Boundary Phase. <i>Materials</i> , 2017, 10, 1062.	2.9	12
17	Effects of morphology, size and crystallinity on the electrochromic properties of nanostructured WO ₃ films. <i>CrystEngComm</i> , 2015, 17, 5440-5450.	2.6	38
18	Hydrothermal preparation of WO ₃ nanorod array and ZnO nanosheet array composite structures on FTO substrates with enhanced photocatalytic properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7612-7620.	5.5	45

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19	Photocatalytic degradation and pathway of oxytetracycline in aqueous solution by Fe ₂ O ₃ –TiO ₂ nanopowder. RSC Advances, 2015, 5, 40764-40771.	3.6	51
20	Effect of growth time on morphology and photovoltaic properties of ZnO nanowire array films. Rare Metals, 2011, 30, 676-680.	7.1	11
21	Microwave Plasma Sintered Nanocrystalline Bi ₂ O ₃ –HfO ₂ –Y ₂ O ₃ Composite Solid Electrolyte. Chemistry of Materials, 2007, 19, 203-210.	6.7	15