

# Feng Zheng

## List of Publications by Year in descending order

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37  
papers

1,104  
citations

394421

19  
h-index

395702

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerosol particles with NaCl-inlay in coastal haze-fog episodes. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 59-71.	3.3	1
2	Facile preparation of porous single crystal NiO nanoflake array directly grown on nickel foam for supercapacitive electrode material. <i>Journal of Alloys and Compounds</i> , 2022, 913, 165280.	5.5	9
3	V2O5@RuO2 core-shell heterojunction nano-arrays as electrode material for supercapacitors. <i>Chemical Engineering Journal</i> , 2022, 446, 136922.	12.7	12
4	Preparation of stainless steel mesh-supported ZnO and graphene/ZnO nanorod arrays with high photocatalytic performance. <i>Journal of Iron and Steel Research International</i> , 2021, 28, 874-888.	2.8	3
5	Effective utilization of extracted titanium tailing to prepare high performance glass-ceramic and their formation mechanism. <i>Ceramics International</i> , 2021, 47, 17391-17399.	4.8	16
6	Symmetric supercapacitors composed of ternary metal oxides (NiO/V2O5/MnO2) nanoribbon electrodes with high energy storage performance. <i>Chemical Engineering Journal</i> , 2021, 426, 131804.	12.7	31
7	Coating ultra-thin TiN layer onto LiNi0.8Co0.1Mn0.1O2 cathode material by atomic layer deposition for high-performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 888, 161594.	5.5	20
8	Efficient removal of water pollutants by hierarchical porous zeolite-activated carbon prepared from coal gangue and bamboo. <i>Journal of Cleaner Production</i> , 2021, 325, 129322.	9.3	39
9	Utilization of residual heat to prepare high performance foamed glass-ceramic from blast furnace slag and its reinforce mechanism. <i>Chemical Engineering Research and Design</i> , 2021, 156, 391-404.	5.6	10
10	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
11	Novel diverse-structured h-WO3 nanoflake arrays as electrode materials for high performance supercapacitors. <i>Electrochimica Acta</i> , 2020, 334, 135641.	5.2	32
12	Inorganic-organic gel electrolytes with 3D cross-linking star-shaped structured networks for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2020, 393, 124708.	12.7	29
13	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
14	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
15	Conversion of extracted titanium tailing and waste glass to value-added porous glass ceramic with improved performances. <i>Journal of Environmental Management</i> , 2020, 261, 110197.	7.8	20
16	Structural changes in hexagonal WO3 under high pressure. <i>Journal of Alloys and Compounds</i> , 2019, 797, 1013-1017.	5.5	8
17	Facile preparation of WO3 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
18	Simple synthesis of 1D, 2D and 3D WO3 nanostructures on stainless steel substrate for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 778, 603-611.	5.5	34

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19	Preparation and supercapacitive property of molybdenum disulfide (MoS <sub>2</sub> ) nanoflake arrays-tungsten trioxide (WO <sub>3</sub> ) nanorod arrays composite heterojunction: A synergistic effect of one-dimensional and two-dimensional nanomaterials. <i>Electrochimica Acta</i> , 2018, 263, 409-416.	5.2	21
20	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
21	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
22	Fabrication of Mo-Doped WO <sub>3</sub> Nanorod Arrays on FTO Substrate with Enhanced Electrochromic Properties. <i>Materials</i> , 2018, 11, 1627.	2.9	16
23	Facile preparation of hierarchical vanadium pentoxide (V <sub>2</sub> O <sub>5</sub> )/titanium dioxide (TiO <sub>2</sub> ) heterojunction composite nano-arrays for high performance supercapacitor. <i>Journal of Power Sources</i> , 2018, 404, 47-55.	7.8	42
24	Tertiary structure of cactus-like WO <sub>3</sub> spheres self-assembled on Cu foil for supercapacitive electrode materials. <i>Journal of Alloys and Compounds</i> , 2017, 712, 345-354.	5.5	21
25	Hydrothermal preparation of MoS <sub>2</sub> nanoflake arrays on Cu foil with enhanced supercapacitive property. <i>Electrochimica Acta</i> , 2017, 227, 101-109.	5.2	15
26	V <sub>2</sub> O <sub>5</sub> nanobelt arrays with controllable morphologies for enhanced performance supercapacitors. <i>CrystEngComm</i> , 2017, 19, 6412-6424.	2.6	23
27	Synthesis of potassium hexatitanate whiskers with high thermal stability from Ti-bearing electric arc furnace molten slag. <i>Ceramics International</i> , 2016, 42, 11294-11302.	4.8	12
28	Hydrothermal preparation, growth mechanism and supercapacitive properties of WO <sub>3</sub> nanorod arrays grown directly on a Cu substrate. <i>CrystEngComm</i> , 2016, 18, 3891-3904.	2.6	39
29	Hydrothermal synthesis of mixtures of NaA zeolite and sodalite from Ti-bearing electric arc furnace slag. <i>RSC Advances</i> , 2016, 6, 8358-8366.	3.6	26
30	Effects of morphology, size and crystallinity on the electrochromic properties of nanostructured WO <sub>3</sub> films. <i>CrystEngComm</i> , 2015, 17, 5440-5450.	2.6	38
31	Effect of substrate pre-treatment on microstructure and enhanced electrochromic properties of WO <sub>3</sub> nanorod arrays. <i>RSC Advances</i> , 2015, 5, 106182-106190.	3.6	20
32	Hydrothermal preparation of WO <sub>3</sub> 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
33	Controllable synthesis of nanorod/nanodisk TiO <sub>2</sub> from titanium-containing electric furnace molten slag. <i>Rare Metals</i> , 2015, 34, 267-275.	7.1	6
34	Preparation and UV property of size-controlled monodisperse nickel nanoparticles (<math>\approx 10\text{Å}</math>) by reductive method. <i>Rare Metals</i> , 2013, 32, 179-185.	7.1	5
35	Effect of substrate pre-treatment on controllable synthesis of hexagonal WO <sub>3</sub> nanorod arrays and their electrochromic properties. <i>CrystEngComm</i> , 2013, 15, 5828.	2.6	32
36	Hydrothermal preparation and optical properties of orientation-controlled WO <sub>3</sub> nanorod arrays on ITO substrates. <i>CrystEngComm</i> , 2013, 15, 277-284.	2.6	96

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37	Hybrids gel electrolytes with pending polyhedral oligomeric silsesquioxane toward improving interfacial stability for lithium ion batteries. Journal of Materials Research, 0, , 1.	2.6	0