

Yanjun Xing

List of Publications by Year in descending order

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32
papers

1,134
citations

430874

18
h-index

454955

30
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32
all docs

32
docs citations

32
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and photoluminescence of functionalized cotton fabric by double luminescent guests-encapsulated ZnBDC metal-organic framework. <i>Dyes and Pigments</i> , 2022, 197, 109835.	3.7	3
2	Photo-assisted degradation of Rhodamine B by a heterogeneous Fenton-like process: performance and kinetics. <i>Environmental Technology (United Kingdom)</i> , 2022, , 1-12.	2.2	1
3	Fabrication of Hierarchically Porous Carbon Nanofibers from Immiscible PAN/PVDF Polymer Blends as Electrode Materials. <i>Fibers and Polymers</i> , 2021, 22, 972-980.	2.1	7
4	Preparation of a novel citric acid-crosslinked Zn-MOF/chitosan composite and application in adsorption of chromium(VI) and methyl orange from aqueous solution. <i>Carbohydrate Polymers</i> , 2021, 258, 117644.	10.2	91
5	Preparation and Microwave Absorption Properties of Coil-like MZr(PO ₄) ₂ ·4H ₂ O (M = Co ²⁺ , Ni ²⁺ , and Ti). <i>ETQ</i> 11, 0.784314	1.8	1
6	MOF derived ZnO/C nanocomposite with enhanced adsorption capacity and photocatalytic performance under sunlight. <i>Journal of Hazardous Materials</i> , 2020, 385, 121599.	12.4	120
7	Simple one-step synthesis of coil-like cobalt zirconium phosphate microspheres and the application as photocatalysts. <i>Materials Letters</i> , 2020, 264, 127299.	2.6	3
8	Preparation and adsorption properties of citrate-crosslinked chitosan salt microspheres by microwave assisted method. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 1146-1156.	7.5	41
9	Alkylamine-mediated synthesis and photocatalytic properties of ZnO. <i>Frontiers of Materials Science</i> , 2019, 13, 33-42.	2.2	4
10	Fabrication of regenerated wool keratin/polycaprolactone nanofiber membranes for cell culture. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1168-1173.	7.5	38
11	Morphological controlled preparation and photocatalytic activity of zinc oxide. <i>Materials Chemistry and Physics</i> , 2018, 217, 182-191.	4.0	26
12	A Polyoxoniobate/g-C ₃ N ₄ Nanoporous Material with High Adsorption Capacity of Methylene Blue from Aqueous Solution. <i>Frontiers in Chemistry</i> , 2018, 6, 7.	3.6	39
13	Multi-functional finishing of cotton fabrics by water-based layer-by-layer assembly of metal-organic framework. <i>Cellulose</i> , 2018, 25, 4223-4238.	4.9	61
14	Microwave-assisted preparation of flower-like cobalt phosphate and its application as a new heterogeneous Fenton-like catalyst. <i>Applied Surface Science</i> , 2017, 396, 1393-1402.	6.1	49
15	High-Throughput Synthetic Chemistry Enabled by Organic Solvent Disintegrating Tablet. <i>Chemistry - an Asian Journal</i> , 2017, 12, 190-193.	3.3	4
16	Morphology and adsorption properties of chitosan sulfate salt microspheres prepared by a microwave-assisted method. <i>RSC Advances</i> , 2017, 7, 48189-48198.	3.6	20
17	Preparation and characterization of hollow carambola-shaped silver sulfide microspheres using a microwave-assisted template-free method. <i>Chinese Chemical Letters</i> , 2016, 27, 451-453.	9.0	8
18	Microwave-assisted Preparation of Copper Hydroxyphosphate and Characterization of Photocatalysis under Visible Light. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2016, 31, 421.	1.3	6

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19	A Simple, Efficient and Green Procedure for Knoevenagel Condensation in Hydroxy-Functionalized Ionic Liquids. <i>Heterocycles</i> , 2015, 91, 1385.	0.7	3
20	Synthesis of Novel Hydroxyl-Functionalized Ionic Liquids and Application in Knoevenagel Condensation. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1520.	1.3	0
21	Preparation of superhydrophobic and UV blocking cotton fabric via sol-gel method and self-assembly. <i>Applied Surface Science</i> , 2012, 259, 110-117.	6.1	74
22	Preparation of durable superhydrophobic surface by sol-gel method with water glass and citric acid. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 18-23.	2.4	66
23	Synthesis and application of long-chain alkyl quaternary ammonium-functionalized hyperbranched polyester. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2927-2935.	2.6	18
24	Enhanced washing durability of hydrophobic coating on cellulose fabric using polycarboxylic acids. <i>Applied Surface Science</i> , 2011, 257, 4443-4448.	6.1	42
25	Preparation of durable hydrophobic cellulose fabric from water glass and mixed organosilanes. <i>Applied Surface Science</i> , 2010, 257, 1495-1499.	6.1	56
26	Durable Hydrophobic Cellulose Fabric Prepared with Polycarboxylic Acid Catalyzed Silica Sol. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 9135-9142.	3.7	24
27	Superhydrophobic surfaces prepared from water glass and non-fluorinated alkylsilane on cotton substrates. <i>Applied Surface Science</i> , 2008, 254, 2131-2135.	6.1	113
28	Silica xerogel coating on the surface of natural and synthetic fabrics. <i>Surface and Coatings Technology</i> , 2008, 202, 4721-4727.	4.8	40
29	UV photo-stabilization of tetrabutyl titanate for aramid fibers via sol-gel surface modification. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3113-3119.	2.6	70
30	Antimicrobial finishing of cotton textile based on water glass by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 43, 187-192.	2.4	100
31	Synthesis and Conformation of New Azo-functionalized Calix[4]arenes. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1209-1213.	4.9	1
32	A New Class of Potassium-selective Calix[4]arenes in Cone Conformation. <i>Supramolecular Chemistry</i> , 2006, 18, 47-54.	1.2	5