Yanjun Xing

List of Publications by Year in descending order

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		430874	454955
32	1,134	18	30
papers	citations	h-index	g-index
32	32	32	1433
all docs	docs citations	times ranked	citing authors

ΥλΝΙΙΙΝ ΧΙΝΟ

#	Article	IF	CITATIONS
1	MOF derived ZnO/C nanocomposite with enhanced adsorption capacity and photocatalytic performance under sunlight. Journal of Hazardous Materials, 2020, 385, 121599.	12.4	120
2	Superhydrophobic surfaces prepared from water glass and non-fluorinated alkylsilane on cotton substrates. Applied Surface Science, 2008, 254, 2131-2135.	6.1	113
3	Antimicrobial finishing of cotton textile based on water glass by sol–gel method. Journal of Sol-Gel Science and Technology, 2007, 43, 187-192.	2.4	100
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. Carbohydrate Polymers, 2021, 258, 117644.	10.2	91
5	Preparation of superhydrophobic and UV blocking cotton fabric via sol–gel method and self-assembly. Applied Surface Science, 2012, 259, 110-117.	6.1	74
6	UV photo-stabilization of tetrabutyl titanate for aramid fibers via sol–gel surface modification. Journal of Applied Polymer Science, 2007, 103, 3113-3119.	2.6	70
7	Preparation of durable superhydrophobic surface by sol–gel method with water glass and citric acid. Journal of Sol-Gel Science and Technology, 2011, 58, 18-23.	2.4	66
8	Multi-functional finishing of cotton fabrics by water-based layer-by-layer assembly of metal–organic framework. Cellulose, 2018, 25, 4223-4238.	4.9	61
9	Preparation of durable hydrophobic cellulose fabric from water glass and mixed organosilanes. Applied Surface Science, 2010, 257, 1495-1499.	6.1	56
10	Microwave-assisted preparation of flower-like cobalt phosphate and its application as a new heterogeneous Fenton–like catalyst. Applied Surface Science, 2017, 396, 1393-1402.	6.1	49
11	Enhanced washing durability of hydrophobic coating on cellulose fabric using polycarboxylic acids. Applied Surface Science, 2011, 257, 4443-4448.	6.1	42
12	Preparation and adsorption properties of citrate-crosslinked chitosan salt microspheres by microwave assisted method. International Journal of Biological Macromolecules, 2020, 152, 1146-1156.	7.5	41
13	Silica xerogel coating on the surface of natural and synthetic fabrics. Surface and Coatings Technology, 2008, 202, 4721-4727.	4.8	40
14	A Polyoxoniobate/g-C3N4 Nanoporous Material with High Adsorption Capacity of Methylene Blue from Aqueous Solution. Frontiers in Chemistry, 2018, 6, 7.	3.6	39
15	Fabrication of regenerated wool keratin/polycaprolactone nanofiber membranes for cell culture. International Journal of Biological Macromolecules, 2018, 114, 1168-1173.	7.5	38
16	Morphological controlled preparation and photocatalytic activity of zinc oxide. Materials Chemistry and Physics, 2018, 217, 182-191.	4.0	26
17	Durable Hydrophobic Cellulose Fabric Prepared with Polycarboxylic Acid Catalyzed Silica Sol. Industrial & Engineering Chemistry Research, 2010, 49, 9135-9142.	3.7	24
18	Morphology and adsorption properties of chitosan sulfate salt microspheres prepared by a microwave-assisted method. RSC Advances, 2017, 7, 48189-48198.	3.6	20

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#	Article	IF	CITATIONS
19	Synthesis and application of longâ€chain alkyl quaternary ammoniumâ€functionalized hyperbranched polyester. Journal of Applied Polymer Science, 2011, 121, 2927-2935.	2.6	18
20	Preparation and characterization of hollow carambola-shaped silver sulfide microspheres using a microwave-assisted template-free method. Chinese Chemical Letters, 2016, 27, 451-453.	9.0	8
21	Fabrication of Hierarchically Porous Carbon Nanofibers from Immiscible PAN/PVDF Polymer Blends as Electrode Materials. Fibers and Polymers, 2021, 22, 972-980.	2.1	7
22	Microwave-assisted Preparation of Copper Hydroxyphosphate and Characterization of Photocatalysis under Visible Light. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2016, 31, 421.	1.3	6
23	A New Class of Potassium-selective Calix[]arenes in Cone Conformation. Supramolecular Chemistry, 2006, 18, 47-54.	1.2	5
24	Highâ€Throughput Synthetic Chemistry Enabled by Organic Solvent Disintegrating Tablet. Chemistry - an Asian Journal, 2017, 12, 190-193.	3.3	4
25	Alkylamine-mediated synthesis and photocatalytic properties of ZnO. Frontiers of Materials Science, 2019, 13, 33-42.	2.2	4
26	A Simple, Efficient and Green Procedure for Knoevenagel Condensation in Hydroxy-Functionalized Ionic Liquids. Heterocycles, 2015, 91, 1385.	0.7	3
27	Simple one-step synthesis of coil-like cobalt zirconium phosphate microspheres and the application as photocatalyts. Materials Letters, 2020, 264, 127299.	2.6	3
28	Preparation and photoluminescence of functionalized cotton fabric by double luminescent guests-encapsulated ZnBDC metal-organic framework. Dyes and Pigments, 2022, 197, 109835.	3.7	3
29	Synthesis and Conformation of New Azo-functionalized Calix[4]arenesâ€. Chinese Journal of Chemistry, 2006, 24, 1209-1213.	4.9	1

Preparation and Microwave Absorption Properties of Coil-like MZr(PO4) $2\hat{A}\cdot4H2O$ (M $\hat{a}\in\&=\hat{a}\in\&Co2+, Ni2+, and$) Ti ETQq0 0.0 rgBT /Ov 1 1.8

31	Photo-assisted degradation of Rhodamine B by a heterogeneous Fenton–like process: performance and kinetics. Environmental Technology (United Kingdom), 2022, , 1-12.	2.2	1
32	Synthesis of Novel Hydroxyl-Functionalized Ionic Liquids andApplication in Knoevenagel Condensation. Chinese Journal of Organic Chemistry, 2015, 35, 1520.	1.3	0