

# Yanjun Xing

## List of Publications by Year in descending order

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32  
papers

1,134  
citations

430442

18  
h-index

454577

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1433  
citing authors

#	ARTICLE	IF	CITATIONS
1	MOF derived ZnO/C nanocomposite with enhanced adsorption capacity and photocatalytic performance under sunlight. <i>Journal of Hazardous Materials</i> , 2020, 385, 121599.	6.5	120
2	Superhydrophobic surfaces prepared from water glass and non-fluorinated alkylsilane on cotton substrates. <i>Applied Surface Science</i> , 2008, 254, 2131-2135.	3.1	113
3	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.	1.1	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. <i>Carbohydrate Polymers</i> , 2021, 258, 117644.	5.1	91
5	Preparation of superhydrophobic and UV blocking cotton fabric via sol-gel method and self-assembly. <i>Applied Surface Science</i> , 2012, 259, 110-117.	3.1	74
6	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.	1.3	70
7	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.	1.1	66
8	Multi-functional finishing of cotton fabrics by water-based layer-by-layer assembly of metal-organic framework. <i>Cellulose</i> , 2018, 25, 4223-4238.	2.4	61
9	Preparation of durable hydrophobic cellulose fabric from water glass and mixed organosilanes. <i>Applied Surface Science</i> , 2010, 257, 1495-1499.	3.1	56
10	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.	3.1	49
11	Enhanced washing durability of hydrophobic coating on cellulose fabric using polycarboxylic acids. <i>Applied Surface Science</i> , 2011, 257, 4443-4448.	3.1	42
12	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.	3.6	41
13	Silica xerogel coating on the surface of natural and synthetic fabrics. <i>Surface and Coatings Technology</i> , 2008, 202, 4721-4727.	2.2	40
14	A Polyoxoniobate/g-C <sub>3</sub> N <sub>4</sub> Nanoporous Material with High Adsorption Capacity of Methylene Blue from Aqueous Solution. <i>Frontiers in Chemistry</i> , 2018, 6, 7.	1.8	39
15	Fabrication of regenerated wool keratin/polycaprolactone nanofiber membranes for cell culture. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1168-1173.	3.6	38
16	Morphological controlled preparation and photocatalytic activity of zinc oxide. <i>Materials Chemistry and Physics</i> , 2018, 217, 182-191.	2.0	26
17	Durable Hydrophobic Cellulose Fabric Prepared with Polycarboxylic Acid Catalyzed Silica Sol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 9135-9142.	1.8	24
18	Morphology and adsorption properties of chitosan sulfate salt microspheres prepared by a microwave-assisted method. <i>RSC Advances</i> , 2017, 7, 48189-48198.	1.7	20

#	ARTICLE	IF	CITATIONS
19	Synthesis and application of long-chain alkyl quaternary ammonium-functionalized hyperbranched polyester. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2927-2935.	1.3	18
20	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.	4.8	8
21	Fabrication of Hierarchically Porous Carbon Nanofibers from Immiscible PAN/PVDF Polymer Blends as Electrode Materials. <i>Fibers and Polymers</i> , 2021, 22, 972-980.	1.1	7
22	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.	0.6	6
23	A New Class of Potassium-selective Calix[4]arenes in Cone Conformation. <i>Supramolecular Chemistry</i> , 2006, 18, 47-54.	1.5	5
24	High-Throughput Synthetic Chemistry Enabled by Organic Solvent Disintegrating Tablet. <i>Chemistry - an Asian Journal</i> , 2017, 12, 190-193.	1.7	4
25	Alkylamine-mediated synthesis and photocatalytic properties of ZnO. <i>Frontiers of Materials Science</i> , 2019, 13, 33-42.	1.1	4
26	A Simple, Efficient and Green Procedure for Knoevenagel Condensation in Hydroxy-Functionalized Ionic Liquids. <i>Heterocycles</i> , 2015, 91, 1385.	0.4	3
27	Simple one-step synthesis of coil-like cobalt zirconium phosphate microspheres and the application as photocatalysts. <i>Materials Letters</i> , 2020, 264, 127299.	1.3	3
28	Preparation and photoluminescence of functionalized cotton fabric by double luminescent guests-encapsulated ZnBDC metal-organic framework. <i>Dyes and Pigments</i> , 2022, 197, 109835.	2.0	3
29	Synthesis and Conformation of New Azo-functionalized Calix[4]arenes. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1209-1213.	2.6	1
30	Preparation and Microwave Absorption Properties of Coil-like MZr(PO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O (M <sup>2+</sup> =Co <sup>2+</sup> , Ni <sup>2+</sup> , and Tl <sup>+</sup> ). <i>Journal of Applied Polymer Science</i> , 2011, 121, 2927-2935.	0.8	1
31	Photo-assisted degradation of Rhodamine B by a heterogeneous Fenton-like process: performance and kinetics. <i>Environmental Technology (United Kingdom)</i> , 2022, , 1-12.	1.2	1
32	Synthesis of Novel Hydroxyl-Functionalized Ionic Liquids and Application in Knoevenagel Condensation. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1520.	0.6	0