

# Zhiming Zhang

## List of Publications by Year in descending order

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16  
papers

386  
citations

932766

10  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient chromium(VI) adsorption with nanofibrous filter paper prepared through electrospinning chitosan/polymethylmethacrylate composite. <i>Carbohydrate Polymers</i> , 2016, 137, 119-126.	5.1	80
2	Preparation of nanofibrous metal-organic framework filter for rapid adsorption and selective separation of cationic dye from aqueous solution. <i>Separation and Purification Technology</i> , 2020, 237, 116360.	3.9	80
3	Electrospun H <sub>4</sub> SiW <sub>12</sub> O <sub>40</sub> /cellulose acetate composite nanofibrous membrane for photocatalytic degradation of tetracycline and methyl orange with different mechanism. <i>Carbohydrate Polymers</i> , 2017, 168, 153-162.	5.1	76
4	Preparation of chitosan/polycaprolactam nanofibrous filter paper and its greatly enhanced chromium(VI) adsorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 494, 65-73.	2.3	27
5	A stable metal-organic framework nanofibrous membrane as photocatalyst for simultaneous removal of methyl orange and formaldehyde from aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 617, 126359.	2.3	26
6	H <sub>4</sub> SiW <sub>12</sub> O <sub>40</sub> /polymethylmethacrylate/polyvinyl alcohol sandwich nanofibrous membrane with enhanced photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 289-296.	2.3	18
7	A highly selective and reversible turn-off fluorescent chemosensor for Cu <sup>2+</sup> based on electrospun nanofibrous membrane modified with pyrenecarboxaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 207, 173-182.	2.0	15
8	Electrospinning preparation of a H <sub>4</sub> SiW <sub>12</sub> O <sub>40</sub> /polycaprolactam composite nanofibrous membrane and its greatly enhanced photocatalytic activity and mechanism. <i>RSC Advances</i> , 2016, 6, 12491-12496.	1.7	12
9	Electrospun H <sub>4</sub> SiW <sub>12</sub> O <sub>40</sub> /chitosan/polycaprolactam sandwich nanofibrous membrane with excellent dual-function: adsorption and photocatalysis. <i>RSC Advances</i> , 2016, 6, 96237-96244.	1.7	11
10	Preparation of pH-controllable nanofibrous membrane functionalized with lysine for selective adsorption of protein. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 531, 173-181.	2.3	11
11	Research Progress in Polymer-based Metal-organic Framework Nanofibrous Membranes Based on Electrospinning. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 592.	0.6	8
12	Greatly enhanced photocatalytic activity and mechanism of H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /polymethylmethacrylate/polycaprolactam sandwich nanofibrous membrane prepared by electrospinning. <i>Journal of Materials Research</i> , 2016, 31, 3060-3068.	1.2	7
13	Preparation and characterization of electrospun copoly (phthalazinone biphenyl ether ketone) superfine fibrous membrane served as plating template of Pd. <i>Materials Letters</i> , 2016, 167, 148-152.	1.3	5
14	Preparation of free-standing Au/thiolation poly (phthalazinone ether ketone) nanofibrous membrane as a stable electrocatalyst towards glycerol oxidation. <i>Materials Chemistry and Physics</i> , 2018, 209, 271-279.	2.0	5
15	Electrospinning preparation, characterization, and enhanced photocatalytic activity of an Silicotungstic acid (H <sub>4</sub> SiW <sub>12</sub> O <sub>40</sub> )/poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Science. 2016, 133, .	1.3	3
16	Fabrication and characterizations of PdAu/thiolation poly (phthalazinone ether ketone) superfine fibrous membrane as a free-standing electrocatalyst for methanol oxidation. <i>Electrochimica Acta</i> , 2018, 289, 397-406.	2.6	2