

# Fei Shi

## List of Publications by Year in descending order

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16  
papers

498  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of silica aerogels by a novel fast ambient pressure drying process. <i>Materials Letters</i> , 2006, 60, 3718-3722.	2.6	194
2	Cost-effective synthesis of silica aerogels from fly ash via ambient pressure drying. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 2241-2246.	3.1	67
3	Hydrothermal synthesis of mesoporous WO <sub>3</sub> •TiO <sub>2</sub> powders with enhanced photocatalytic activity. <i>Advanced Powder Technology</i> , 2015, 26, 1435-1441.	4.1	36
4	Synthesis of TiO <sub>2</sub> •SiO <sub>2</sub> aerogel via ambient pressure drying: effects of sol pre-modification on the microstructure and pore characteristics. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 69, 93-101.	2.4	28
5	Synthesis of highly porous SiO <sub>2</sub> •(WO <sub>3</sub> ) x •TiO <sub>2</sub> composite aerogels using bacterial cellulose as template with solvothermal assisted crystallization. <i>Chemical Engineering Journal</i> , 2016, 292, 105-112.	12.7	25
6	Controllable synthesis of small size Cs <sub>x</sub> WO <sub>3</sub> nanorods as transparent heat insulation film additives. <i>CrystEngComm</i> , 2018, 20, 1509-1519.	2.6	25
7	Ambient pressure drying synthesis of Cs <sub>0.33</sub> WO <sub>3</sub> /SiO <sub>2</sub> composite aerogels for efficient removal of Rhodamine B from water. <i>Materials and Design</i> , 2016, 110, 624-632.	7.0	21
8	Extraction of cellulose to progress in cellulosic nanocomposites for their potential applications in supercapacitors and energy storage devices. <i>Journal of Materials Science</i> , 2021, 56, 14448-14486.	3.7	21
9	Influences of heat-treatment on the microstructure and properties of silica•titania composite aerogels. <i>Journal of Porous Materials</i> , 2014, 21, 293-301.	2.6	18
10	Magnetic mesoporous iron oxide/silica composite aerogels with high adsorption ability for organic pollutant removal. <i>Journal of Porous Materials</i> , 2016, 23, 655-661.	2.6	16
11	<i>In situ</i> synthesis of bifunctional TiO <sub>2</sub> •Cs <sub>x</sub> WO <sub>3</sub> composite particles with transparent heat shielding and photocatalytic activity. <i>CrystEngComm</i> , 2020, 22, 573-586.	2.6	13
12	Synthesis of SiO <sub>2</sub> •W x TiO <sub>2</sub> composite aerogels via solvothermal crystallization under the guidance of bacterial cellulose followed by freeze drying method. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 84, 42-50.	2.4	12
13	An overview of Zn/ZnO modified cellulosic nanocomposites and their potential applications. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	12
14	Synthesis of dual functional Al-doped ZnO particles for photocatalysis and heat shielding property applications. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 86, 198-205.	2.4	5
15	Influences of solvothermal-assisted crystallization process on the microstructure and properties of SiO <sub>2</sub> -WO <sub>0.02</sub> TiO <sub>2.06</sub> composite aerogels synthesized via ambient pressure drying. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 92, 101-115.	2.4	5
16	SYNTHESIS OF PZT-BF POWDERS FOR LOW-TEMPERATURE SINTERING BY HYDROTHERMAL METHOD. , 2003, , .		0