

Xueqin Wang

List of Publications by Year in descending order

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18
papers

2,351
citations

430874

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839539

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docs citations

18
times ranked

3259
citing authors

#	ARTICLE	IF	CITATIONS
1	Superelastic and Superhydrophobic Nanofiber-Assembled Cellular Aerogels for Effective Separation of Oil/Water Emulsions. ACS Nano, 2015, 9, 3791-3799.	14.6	612
2	Ultralight Biomass-Derived Carbonaceous Nanofibrous Aerogels with Superelasticity and High Pressure-Sensitivity. Advanced Materials, 2016, 28, 9512-9518.	21.0	405
3	Ultrahigh-Water-Content, Superelastic, and Shape-Memory Nanofiber-Assembled Hydrogels Exhibiting Pressure-Responsive Conductivity. Advanced Materials, 2017, 29, 1700339.	21.0	206
4	Hierarchical Cellular Structured Ceramic Nanofibrous Aerogels with Temperature-Invariant Superelasticity for Thermal Insulation. ACS Applied Materials & Interfaces, 2019, 11, 29056-29064.	8.0	118
5	Scalable Fabrication of Electrospun Nanofibrous Membranes Functionalized with Citric Acid for High-Performance Protein Adsorption. ACS Applied Materials & Interfaces, 2016, 8, 11819-11829.	8.0	106
6	Soft Zr-doped TiO ₂ Nanofibrous Membranes with Enhanced Photocatalytic Activity for Water Purification. Scientific Reports, 2017, 7, 1636.	3.3	101
7	Optimized colorimetric sensor strip for mercury(Hg^{2+}) assay using hierarchical nanostructured conjugated polymers. Journal of Materials Chemistry A, 2014, 2, 645-652.	10.3	94
8	Hierarchical Porous Structured SiO ₂ /SnO ₂ Nanofibrous Membrane with Superb Flexibility for Molecular Filtration. ACS Applied Materials & Interfaces, 2017, 9, 18966-18976.	8.0	94
9	Hierarchical structured MnO ₂ @SiO ₂ nanofibrous membranes with superb flexibility and enhanced catalytic performance. Journal of Hazardous Materials, 2017, 324, 203-212.	12.4	92
10	In situ synthesis of flexible hierarchical TiO ₂ nanofibrous membranes with enhanced photocatalytic activity. Journal of Materials Chemistry A, 2015, 3, 22136-22144.	10.3	86
11	Highly Carbonylated Cellulose Nanofibrous Membranes Utilizing Maleic Anhydride Grafting for Efficient Lysozyme Adsorption. ACS Applied Materials & Interfaces, 2015, 7, 15658-15666.	8.0	81
12	Flexible Hierarchical ZrO ₂ Nanoparticle-Embedded SiO ₂ Nanofibrous Membrane as a Versatile Tool for Efficient Removal of Phosphate. ACS Applied Materials & Interfaces, 2016, 8, 34668-34676.	8.0	81
13	Ultralight, superelastic and bendable lashing-structured nanofibrous aerogels for effective sound absorption. Nanoscale, 2019, 11, 2289-2298.	5.6	70
14	Colorimetric sensor strips for formaldehyde assay utilizing fluorol-p decorated polyacrylonitrile nanofibrous membranes. Analyst, The, 2013, 138, 5129.	3.5	67
15	Equipment-free chromatic determination of formaldehyde by utilizing parosaniline-functionalized cellulose nanofibrous membranes. Sensors and Actuators B: Chemical, 2014, 203, 333-339.	7.8	41
16	In situ cross-linked and highly carboxylated poly(vinyl alcohol) nanofibrous membranes for efficient adsorption of proteins. Journal of Materials Chemistry B, 2015, 3, 7281-7290.	5.8	41
17	A versatile method for fabricating ion-exchange hydrogel nanofibrous membranes with superb biomolecule adsorption and separation properties. Journal of Colloid and Interface Science, 2017, 506, 442-451.	9.4	35
18	Flexible Stannum-Doped SrTiO ₃ Nanofiber Membranes for Highly Sensitive and Reliable Piezoresistive Pressure Sensors. ACS Applied Materials & Interfaces, 2021, 13, 52811-52821.	8.0	21