

# Chunjie Zhang

## List of Publications by Year in descending order

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23  
papers

1,096  
citations

567144

15  
h-index

642610

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innentitelbild: Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients (Angew. Chem. 50/2019). Angewandte Chemie, 2019, 131, 18046-18046.	1.6	0
2	Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients. Angewandte Chemie, 2019, 131, 18333-18338.	1.6	6
3	Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients. Angewandte Chemie - International Edition, 2019, 58, 18165-18170.	7.2	9
4	Directed Molecular Collection by E-Field-Printed Microscale Chemical Potential Wells in Hydrogel Films. Advanced Materials, 2018, 30, 1803140.	11.1	8
5	Note: Qualitative degradation of the pesticide coumaphos in solution, controlled aerosol, and solid phases on quaternary ammonium fluoride polymer brushes. Polymers for Advanced Technologies, 2017, 28, 567-567.	1.6	1
6	Qualitative degradation of the pesticide coumaphos in solution, controlled aerosol, and solid phases on quaternary ammonium fluoride polymer brushes. Polymers for Advanced Technologies, 2017, 28, 73-79.	1.6	1
7	Functionalized Hydrogel on Plasmonic Nanoantennas for Noninvasive Glucose Sensing. ACS Photonics, 2015, 2, 475-480.	3.2	85
8	Autonomic Molecular Transport by Polymer Films Containing Programmed Chemical Potential Gradients. Journal of the American Chemical Society, 2015, 137, 5066-5073.	6.6	30
9	Hole-mask colloidal nanolithography combined with tilted-angle-rotation evaporation: A versatile method for fabrication of low-cost and large-area complex plasmonic nanostructures and metamaterials. Beilstein Journal of Nanotechnology, 2014, 5, 577-586.	1.5	22
10	Polymer Brushes Patterned with Micrometer-Scale Chemical Gradients Using Laminar Co-Flow. ACS Applied Materials & Interfaces, 2014, 6, 14320-14326.	4.0	13
11	General Method for Forming Micrometer-Scale Lateral Chemical Gradients in Polymer Brushes. Chemistry of Materials, 2014, 26, 2678-2683.	3.2	13
12	Linear and Fast Hydrogel Glucose Sensor Materials Enabled by Volume Resetting Agents. Advanced Materials, 2014, 26, 5678-5683.	11.1	113
13	Hydrogel-Based Glucose Sensors: Effects of Phenylboronic Acid Chemical Structure on Response. Chemistry of Materials, 2013, 25, 3239-3250.	3.2	167
14	Noninvasive optical glucose monitoring at physiological levels using a functionalized plasmonic sensor. , 2013, , .		1
15	Hole-Mask Colloidal Nanolithography for Large-Area Low-Cost Metamaterials and Antenna-Assisted Surface-Enhanced Infrared Absorption Substrates. ACS Nano, 2012, 6, 979-985.	7.3	148
16	Large-Area Low-Cost Plasmonic Nanostructures in the NIR for Fano Resonant Sensing. Advanced Materials, 2012, 24, OP247-52.	11.1	60
17	Transfer of Preformed Three-Dimensional Photonic Crystals onto Dye-Sensitized Solar Cells. Angewandte Chemie - International Edition, 2011, 50, 5712-5715.	7.2	135
18	Synthesis and properties of hexafluoroisopropylidene-containing sulfonated poly(arylene thioether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 35, 2436-2445.	3.8	37

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of sulfonated poly(arylene ether phosphine oxide)s with fluorenyl groups by direct polymerization for proton exchange membranes. <i>Journal of Membrane Science</i> , 2009, 329, 99-105.	4.1	37
20	Synthesis and properties of soluble sulfonated polybenzimidazoles from 3,3'-disulfonate-4,4'-dicarboxylbiphenyl as proton exchange membranes. <i>Journal of Membrane Science</i> , 2009, 334, 91-100.	4.1	58
21	Synthesis and properties of sulfonated poly(arylene ether phosphine oxide)s for proton exchange membranes. <i>Journal of Power Sources</i> , 2009, 188, 57-63.	4.0	29
22	Synthesis and characterization of sulfonated poly(phthalazinone ether phosphine oxide)s by direct polycondensation for proton exchange membranes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1758-1769.	2.5	55
23	Sulfonated poly(arylene thioether phosphine oxide)s copolymers for proton exchange membrane fuel cells. <i>Journal of Membrane Science</i> , 2008, 310, 303-311.	4.1	46