

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	Hydrogel-Based Glucose Sensors: Effects of Phenylboronic Acid Chemical Structure on Response. <i>Chemistry of Materials</i> , 2013, 25, 3239-3250.	3.2	167
2	Hole-Mask Colloidal Nanolithography for Large-Area Low-Cost Metamaterials and Antenna-Assisted Surface-Enhanced Infrared Absorption Substrates. <i>ACS Nano</i> , 2012, 6, 979-985.	7.3	148
3	Transfer of Preformed Three-Dimensional Photonic Crystals onto Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5712-5715.	7.2	135
4	Linear and Fast Hydrogel Glucose Sensor Materials Enabled by Volume Resetting Agents. <i>Advanced Materials</i> , 2014, 26, 5678-5683.	11.1	113
5	Functionalized Hydrogel on Plasmonic Nanoantennas for Noninvasive Glucose Sensing. <i>ACS Photonics</i> , 2015, 2, 475-480.	3.2	85
6	Large-Area Low-Cost Plasmonic Nanostructures in the NIR for Fano Resonant Sensing. <i>Advanced Materials</i> , 2012, 24, OP247-52.	11.1	60
7	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
8	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
9	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
10	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
11	Synthesis and properties of hexafluoroisopropylidene-containing sulfonated poly(arylene thioether) Tj ETQq1 1 0.784314 rgBT /Overlo 35, 2436-2445.	3.8	37
12	Autonomic Molecular Transport by Polymer Films Containing Programmed Chemical Potential Gradients. <i>Journal of the American Chemical Society</i> , 2015, 137, 5066-5073.	6.6	30
13	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
14	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. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 577-586.	1.5	22
15	Polymer Brushes Patterned with Micrometer-Scale Chemical Gradients Using Laminar Co-Flow. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14320-14326.	4.0	13
16	General Method for Forming Micrometer-Scale Lateral Chemical Gradients in Polymer Brushes. <i>Chemistry of Materials</i> , 2014, 26, 2678-2683.	3.2	13
17	Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18165-18170.	7.2	9
18	Directed Molecular Collection by E-Field Printed Microscale Chemical Potential Wells in Hydrogel Films. <i>Advanced Materials</i> , 2018, 30, 1803140.	11.1	8

#	ARTICLE	IF	CITATIONS
19	Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients. <i>Angewandte Chemie</i> , 2019, 131, 18333-18338.	1.6	6
20	Noninvasive optical glucose monitoring at physiological levels using a functionalized plasmonic sensor. , 2013, , .		1
21	Note: Qualitative degradation of the pesticide coumaphos in solution, controlled aerosol, and solid phases on quaternary ammonium fluoride polymer brushes. <i>Polymers for Advanced Technologies</i> , 2017, 28, 567-567.	1.6	1
22	Qualitative degradation of the pesticide coumaphos in solution, controlled aerosol, and solid phases on quaternary ammonium fluoride polymer brushes. <i>Polymers for Advanced Technologies</i> , 2017, 28, 73-79.	1.6	1
23	Innentitelbild: Selective Autonomous Molecular Transport and Collection by Hydrogel-Embedded Supramolecular Chemical Gradients (<i>Angew. Chem.</i> 50/2019). <i>Angewandte Chemie</i> , 2019, 131, 18046-18046.	1.6	0