

Menglian Wei

List of Publications by Year in descending order

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16
papers

1,407
citations

758635

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940134

16
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all docs

16
docs citations

16
times ranked

2597
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimuli-responsive polymers and their applications. <i>Polymer Chemistry</i> , 2017, 8, 127-143.	1.9	916
2	Graphene Quantum Dots for Optical Bioimaging. <i>Small</i> , 2019, 15, e1902136.	5.2	162
3	Light switchable optical materials from azobenzene crosslinked poly(<i>N</i> -isopropylacrylamide)-based microgels. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6961-6965.	2.7	61
4	Stimuli-responsive polymers: Fundamental considerations and applications. <i>Macromolecular Research</i> , 2017, 25, 513-527.	1.0	55
5	Polymer-Based Technologies for Sensing Applications. <i>Analytical Chemistry</i> , 2018, 90, 459-479.	3.2	39
6	Core-shell crystalline ZIF-67@amorphous ZIF for high-performance supercapacitors. <i>Journal of Materials Science</i> , 2020, 55, 16360-16373.	1.7	39
7	Stimuli-Responsive Microgel-Based Surface Plasmon Resonance Transducer for Glucose Detection Using a Competitive Assay with Concanavalin A. <i>ACS Applied Polymer Materials</i> , 2019, 1, 519-525.	2.0	27
8	Temperature-Light Dual-Responsive Au@PNIPAm Core-Shell Microgel-Based Optical Devices. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800326.	1.2	22
9	Stimuli-responsive polymeric materials for human health applications. <i>Science Bulletin</i> , 2014, 59, 4237-4255.	1.7	17
10	Metal-Organic Framework-Based Stimuli-Responsive Polymers. <i>Journal of Composites Science</i> , 2021, 5, 101.	1.4	14
11	Controlled release kinetics from a surface modified microgel-based reservoir device. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2516-2521.	2.9	13
12	Enzyme-assisted polymer film degradation-enabled biomolecule sensing with poly(<i>N</i> -isopropylacrylamide)-based optical devices. <i>Analytica Chimica Acta</i> , 2018, 999, 139-143.	2.6	13
13	Janus Microgels with Tunable Functionality, Polarity, and Optical Properties. <i>Advanced Optical Materials</i> , 2017, 5, 1600614.	3.6	12
14	Polymer brush-based optical device with multiple responsivities. <i>Journal of Materials Chemistry B</i> , 2015, 3, 744-747.	2.9	11
15	Stimuli-responsive microgels for controlled deposition of gold nanoparticles on surfaces. <i>Nanoscale Advances</i> , 2020, 2, 5242-5253.	2.2	4
16	Enhancing the Sensitivity of Surface Plasmon Resonance Measurements Utilizing Polymer Film/Au Assemblies. <i>Analytical Chemistry</i> , 2021, 93, 16718-16726.	3.2	2