

Wanyu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

270
citations

1039406

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1058022

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g-index

14
all docs

14
docs citations

14
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogel Cryopreservation System: An Effective Method for Cell Storage. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3330.	1.8	46
2	Confinement Effects on the Self-Assembly of 1,3:2,4-Di- <i>p</i> -methylbenzylidene Sorbitol Based Organogel. <i>Langmuir</i> , 2008, 24, 10432-10436.	1.6	44
3	Formation of supramolecular hydrogel microspheres via microfluidics. <i>Lab on A Chip</i> , 2009, 9, 2947.	3.1	34
4	Sensing and Sensibility: Single-Cell-Based Quality Control Assay of Cryopreserved Pancreatic Islets with Functionalized Hydrogel Microcapsules. <i>Advanced Healthcare Materials</i> , 2016, 5, 223-231.	3.9	25
5	A novel ionically crosslinked gel polymer electrolyte as an ion transport layer for high-performance electrochromic devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3744-3750.	2.7	24
6	A Stable Anti-Fouling Coating on PVDF Membrane Constructed of Polyphenol Tannic Acid, Polyethyleneimine and Metal Ion. <i>Polymers</i> , 2019, 11, 1975.	2.0	21
7	A Supramolecular Gel Approach to Minimize the Neural Cell Damage during Cryopreservation Process. <i>Macromolecular Bioscience</i> , 2016, 16, 363-370.	2.1	17
8	Effect of annealing on self-organized gradient film obtained from poly(3-[tris(trimethylsilyloxy)silyl]) latexes. <i>Colloid and Polymer Science</i> , 2012, 290, 709-718.	1.0	16
9	A novel method of self-healing cement paste by using gel microparticles encapsulating phosphate. <i>Construction and Building Materials</i> , 2021, 279, 122439.	3.2	12
10	Using a Novel Supramolecular Gel Cryopreservation System in Microchannel to Minimize the Cell Injury. <i>Langmuir</i> , 2018, 34, 5088-5096.	1.6	9
11	A Novel Method of Self-Healing in Cementitious Materials by Using Polyacrylic Hydrogel. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 3406-3415.	0.9	8
12	A Self-Healing Ionic Liquid-Based Ionically Cross-Linked Gel Polymer Electrolyte for Electrochromic Devices. <i>Polymers</i> , 2021, 13, 742.	2.0	8
13	Study of a Novel Electrochromic Device with Crystalline WO ₃ and Gel Electrolyte. <i>Polymers</i> , 2022, 14, 1430.	2.0	4
14	Study on a Hydrogel for Adsorption of Chloride Ions in Cementitious Materials. <i>Polymers</i> , 2022, 14, 2081.	2.0	2