

Hui Sun

List of Publications by Year in descending order

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33
papers

1,058
citations

623188

14
h-index

433756

31
g-index

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all docs

33
docs citations

33
times ranked

1597
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Self-Assembly, and Biomedical Applications of Antimicrobial Peptide-Polymer Conjugates. <i>Biomacromolecules</i> , 2018, 19, 1701-1720.	2.6	195
2	Sugar-Breathing Glycopolymersomes for Regulating Glucose Level. <i>Journal of the American Chemical Society</i> , 2017, 139, 7640-7647.	6.6	131
3	Template-free fabrication of nitrogen-doped hollow carbon spheres for high-performance supercapacitors based on a scalable homopolymer vesicle. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12088-12097.	5.2	102
4	Polymer Vesicles: Modular Platforms for Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, e1705674.	11.1	100
5	Efficient Removal of Polycyclic Aromatic Hydrocarbons, Dyes, and Heavy Metal Ions by a Homopolymer Vesicle. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 713-722.	4.0	65
6	Nanobowls with controlled openings and interior holes driven by the synergy of hydrogen bonding and π - π interaction. <i>Chemical Science</i> , 2019, 10, 657-664.	3.7	65
7	Polymer/TiO ₂ Hybrid Vesicles for Excellent UV Screening and Effective Encapsulation of Antioxidant Agents. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13535-13541.	4.0	49
8	Design principles, synthesis and biomedical applications of polymer vesicles with inhomogeneous membranes. <i>Journal of Controlled Release</i> , 2020, 326, 365-386.	4.8	37
9	CXCL12 has therapeutic value in facial nerve injury and promotes Schwann cells autophagy and migration via PI3K-AKT-mTOR signal pathway. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 460-468.	3.6	35
10	Polymeric Nanomaterials for Efficient Delivery of Antimicrobial Agents. <i>Pharmaceutics</i> , 2021, 13, 2108.	2.0	26
11	Exogenous Netrin-1 Inhibits Autophagy of Ischemic Brain Tissues and Hypoxic Neurons via PI3K/mTOR Pathway in Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1338-1345.	0.7	24
12	Hollow Co ₃ O ₄ dodecahedrons with controlled crystal orientation and oxygen vacancies for the high performance oxygen evolution reaction. <i>Materials Chemistry Frontiers</i> , 2021, 5, 259-267.	3.2	22
13	Plasmonic vesicles with tailored collective properties. <i>Nanoscale</i> , 2018, 10, 17354-17361.	2.8	18
14	Intramolecular Cyclization-Induced Crystallization-Driven Self-Assembly of an Amorphous Poly(amic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	17
15	Giant Polymer Vesicles with a Latticelike Membrane. <i>ACS Macro Letters</i> , 2021, 10, 1015-1022.	2.3	16
16	Lateral growth of cylinders. <i>Nature Communications</i> , 2022, 13, 2170.	5.8	15
17	Decoration of homopolymer vesicles by antibacterial ultrafine silver nanoparticles. <i>RSC Advances</i> , 2014, 4, 41331-41335.	1.7	14
18	Voltage-Gated Sodium Channels Regulating Action Potential Generation in Itch-, Nociceptive-, and Low-Threshold Mechanosensitive Cutaneous C-Fibers. <i>Molecular Pharmacology</i> , 2018, 94, 1047-1056.	1.0	14

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19	Clinical aspects and management of inguinal endometriosis: A case series of 20 patients. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 2029-2036.	0.6	14
20	Expression of ALDH1A Isozymes in Human Endometrium with and without Endometriosis and in Ovarian Endometrioma. <i>Reproductive Sciences</i> , 2020, 27, 443-452.	1.1	14
21	Celastrus Orbiculatus Extracts Inhibit the Metastasis through Attenuating PI3K/Akt/mTOR Signaling Pathway in Human Gastric Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1754-1761.	0.9	11
22	Polymer Vesicles for Antimicrobial Applications. <i>Polymers</i> , 2021, 13, 2903.	2.0	9
23	Transformation of Amorphous Nanobowls to Crystalline Ellipsoids Induced by <i>Trans</i> -Azobenzene. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200131.	2.0	9
24	Denting Nanospheres with a Short Peptide. <i>Chinese Journal of Polymer Science (English Edition)</i> , 0, , 1.	2.0	8
25	Preparation, application and perspective in polymer vesicles with an inhomogeneous membrane. <i>Scientia Sinica Chimica</i> , 2019, 49, 877-890.	0.2	8
26	Ordered mesoporous ZnGa ₂ O ₄ for photocatalytic hydrogen evolution. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5790-5797.	3.2	6
27	Fabrication of a Cation-Exchange Membrane via the Blending of SPES/N-Phthaloyl Chitosan/MIL-101(Fe) Using Response Surface Methodology for Desalination. <i>Membranes</i> , 2022, 12, 144.	1.4	6
28	Homopolymer nanobowls with a controlled size and denting degree. <i>Polymer Chemistry</i> , 2022, 13, 1236-1242.	1.9	6
29	Interlocking Effect for Designing Biodegradable Nanorods with Controlled Lateral Surface Curvature. <i>Chemistry of Materials</i> , 2022, 34, 4937-4945.	3.2	6
30	Contralateral ovarian endometrioma recurrence after unilateral salpingo-oophorectomy. <i>BMC Women's Health</i> , 2019, 19, 59.	0.8	5
31	CXCL12 induces migration of Schwann cells via p38 MAPK and autocrine of CXCL12 by the CXCR4 receptor. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 3119-3125.	0.5	5
32	Highly porous nitrogen-doped carbon superstructures derived from the intramolecular cyclization-induced crystallization-driven self-assembly of poly(amic acid). <i>Nanoscale Advances</i> , 2022, 4, 1422-1430.	2.2	5
33	Metabolic reprogramming and Warburg effect in keloids. <i>Burns</i> , 2022, 48, 1266-1267.	1.1	1