

Xin Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5866798/publications.pdf>

Version: 2024-02-01

21
papers

701
citations

686830

13
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Construction of Higher-Order Structure and Function in Proteinosome-Based Protocells. <i>Journal of the American Chemical Society</i> , 2014, 136, 9225-9234.	6.6	164
2	Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene. <i>Advanced Materials</i> , 2020, 32, e1907242.	11.1	114
3	Preparation of Strong Cationic Chitosan- <i>graft</i> -Polyacrylamide Flocculants and Their Flocculating Properties. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 7141-7149.	1.8	80
4	Catalyst-free and efficient fabrication of highly crystalline fluorinated covalent organic frameworks for selective guest adsorption. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18959-18970.	5.2	55
5	Donor-acceptor type [4+3] covalent organic frameworks: sub-stoichiometric synthesis and photocatalytic application. <i>Science China Chemistry</i> , 2020, 63, 707-714.	4.2	49
6	Mucus-Inspired Supramolecular Adhesives with Oil-Regulated Molecular Configurations and Long-Lasting Antibacterial Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16877-16886.	4.0	34
7	A Versatile Method for Functionalization of Covalent Organic Frameworks via Suzuki-Miyaura Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1411-1416.	7.2	33
8	Surface monofunctionalized polymethyl pentene hollow fiber membranes by plasma treatment and hemocompatibility modification for membrane oxygenators. <i>Applied Surface Science</i> , 2016, 362, 355-363.	3.1	32
9	Effects of PVDF/SiO ₂ hybrid ultrafiltration membranes by sol-gel method for the concentration of fennel oil in herbal water extract. <i>RSC Advances</i> , 2015, 5, 18258-18266.	1.7	21
10	Surface modification of polysulfone hollow fiber membrane for extracorporeal membrane oxygenator using low-temperature plasma treatment. <i>Plasma Processes and Polymers</i> , 2018, 15, 1700122.	1.6	16
11	Thin platelet-like COF nanocomposites for blood brain barrier transport and inhibition of brain metastasis from renal cancer. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4475-4488.	2.9	16
12	Dissipative particle dynamics study and experimental verification on the pore morphologies and diffusivity of the poly (4-methyl-1-pentene)-diluent system via thermally induced phase separation: The effect of diluent and polymer concentration. <i>Journal of Membrane Science</i> , 2016, 514, 487-500.	4.1	15
13	Bioinspired Robust All-Aqueous Droplet via Diffusion-Controlled Interfacial Coacervation. <i>Advanced Functional Materials</i> , 2020, 30, 2004166.	7.8	15
14	Fabrication, Characterization, and Hemocompatibility Investigation of Polysulfone Grafted With Polyethylene Glycol and Heparin Used in Membrane Oxygenators. <i>Artificial Organs</i> , 2016, 40, E219-E229.	1.0	14
15	Aggregate Engineering in Supramolecular Polymers via Extensive Non-covalent Networks. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 1310-1318.	2.0	12
16	Computer simulation and experimental verification of morphology and gas permeability of poly(4-methyl-1-pentene) membranes: effects of polymer chain and diluent extractant. <i>Journal of Materials Science</i> , 2019, 54, 10784-10797.	1.7	7
17	Secondary structure-induced aggregation by hydrogen peroxide: a stimuli-triggered open/close implementation by recombination. <i>Nanoscale</i> , 2018, 10, 5503-5514.	2.8	6
18	A Versatile Method for Functionalization of Covalent Organic Frameworks via Suzuki-Miyaura Cross-Coupling. <i>Angewandte Chemie</i> , 2021, 133, 1431-1436.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Mechano-Induced Assembly of a Nanocomposite for "Press-N-Go" Coatings with Highly Efficient Surface Disinfection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19332-19341.	4.0	6
20	Ultrasensitive Photodetectors: Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene (<i>Adv. Mater.</i> 9/2020). <i>Advanced Materials</i> , 2020, 32, 2070070.	11.1	4
21	A combined strategy of room-temperature plasma activation and chemical treatment to toughen the interfacial adhesion of fluoropolymers. <i>Chemical Engineering Journal</i> , 2022, 435, 135006.	6.6	2