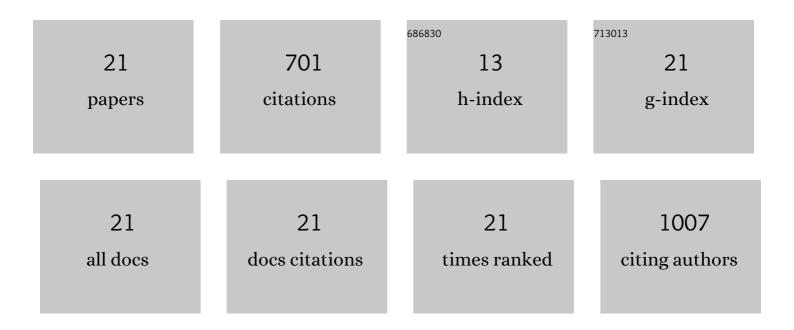
Xin Huang

List of Publications by Year in descending order

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XIN HUANC

#	Article	IF	CITATIONS
1	A combined strategy of room-temperature plasma activation and chemical treatment to toughen the interfacial adhesion of fluoropolymers. Chemical Engineering Journal, 2022, 435, 135006.	6.6	2
2	A Versatile Method for Functionalization of Covalent Organic Frameworks via Suzuki–Miyaura Cross oupling. Angewandte Chemie - International Edition, 2021, 60, 1411-1416.	7.2	33
3	A Versatile Method for Functionalization of Covalent Organic Frameworks via Suzuki–Miyaura Crossâ€Coupling. Angewandte Chemie, 2021, 133, 1431-1436.	1.6	6
4	Mechano-Induced Assembly of a Nanocomposite for "Press-N-Go―Coatings with Highly Efficient Surface Disinfection. ACS Applied Materials & Interfaces, 2021, 13, 19332-19341.	4.0	6
5	Aggregate Engineering in Supramolecular Polymers via Extensive Non-covalent Networks. Chinese Journal of Polymer Science (English Edition), 2021, 39, 1310-1318.	2.0	12
6	Bioinspired Robust Allâ€Aqueous Droplet via Diffusion ontrolled Interfacial Coacervation. Advanced Functional Materials, 2020, 30, 2004166.	7.8	15
7	Mucus-Inspired Supramolecular Adhesives with Oil-Regulated Molecular Configurations and Long-Lasting Antibacterial Properties. ACS Applied Materials & Interfaces, 2020, 12, 16877-16886.	4.0	34
8	Ultrasensitive Photodetectors: Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene (Adv. Mater. 9/2020). Advanced Materials, 2020, 32, 2070070.	11.1	4
9	Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene. Advanced Materials, 2020, 32, e1907242.	11.1	114
10	Donor-acceptor type [4+3] covalent organic frameworks: sub-stoichiometric synthesis and photocatalytic application. Science China Chemistry, 2020, 63, 707-714.	4.2	49
11	Thin platelet-like COF nanocomposites for blood brain barrier transport and inhibition of brain metastasis from renal cancer. Journal of Materials Chemistry B, 2020, 8, 4475-4488.	2.9	16
12	Catalyst-free and efficient fabrication of highly crystalline fluorinated covalent organic frameworks for selective guest adsorption. Journal of Materials Chemistry A, 2019, 7, 18959-18970.	5.2	55
13	Computer simulation and experimental verification of morphology and gas permeability of poly(4-methyl-1-pentene) membranes: effects of polymer chain and diluent extractant. Journal of Materials Science, 2019, 54, 10784-10797.	1.7	7
14	Secondary structure-induced aggregation by hydrogen peroxide: a stimuli-triggered open/close implementation by recombination. Nanoscale, 2018, 10, 5503-5514.	2.8	6
15	Surface modification of polysulfone hollow fiber membrane for extracorporeal membrane oxygenator using lowâ€ŧemperature plasma treatment. Plasma Processes and Polymers, 2018, 15, 1700122.	1.6	16
16	Fabrication, Characterization, and Hemocompatibility Investigation of Polysulfone Grafted With Polyethylene Glycol and Heparin Used in Membrane Oxygenators. Artificial Organs, 2016, 40, E219-E229.	1.0	14
17	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. Journal of Membrane Science, 2016, 514, 487-500.	4.1	15
18	Surface monofunctionalized polymethyl pentene hollow fiber membranes by plasma treatment and hemocompatibility modification for membrane oxygenators. Applied Surface Science, 2016, 362, 355-363.	3.1	32

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19	Effects of PVDF/SiO ₂ hybrid ultrafiltration membranes by sol–gel method for the concentration of fennel oil in herbal water extract. RSC Advances, 2015, 5, 18258-18266.	1.7	21
20	Design and Construction of Higher-Order Structure and Function in Proteinosome-Based Protocells. Journal of the American Chemical Society, 2014, 136, 9225-9234.	6.6	164
21	Preparation of Strong Cationic Chitosan- <i>graft</i> -Polyacrylamide Flocculants and Their Flocculating Properties. Industrial & Engineering Chemistry Research, 2011, 50, 7141-7149.	1.8	80