Yang He

List of Publications by Year
in descending order

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23	527	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	516
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of PAMAM modified PVDF membrane and its adsorption performance for copper ions. Environmental Research, 2022, 204, 111943.	7.5	27
2	Prevent Drug Leakage via the Boronic Acid Glucose-Insensitive Micelle for Alzheimerâ€™s Disease Combination Treatment. ACS Applied Materials & Interfaces, 2022, 14, 23182-23193.	8.0	4
3	Polysaccharide/Ti3C2Tx MXene adhesive hydrogels with self-healing ability for multifunctional and sensitive sensors. Carbohydrate Polymers, 2022, 291, 119572.	10.2	23
4	Constructing hierarchical surface structure of hemodialysis membranes to intervene in oxidative stress through Michael addition reaction between tannic acid and PEtOx brushes. Journal of Membrane Science, 2022, 657, 120700.	8.2	15
5	Tannic acid and Poly(N-acryloyl morpholine) layer-by-layer built hemodialysis membrane surface for intervening oxidative stress integrated with high biocompatibility and dialysis performance. Journal of Membrane Science, 2021, 621, 118896.	8.2	23
6	Resveratrol as a plant type antioxidant modifier for polysulfone membranes to improve hemodialysis-induced oxidative stress. Materials Science and Engineering C, 2021, 123, 111953.	7.3	18
7	Intervening oxidative stress integrated with an excellent biocompatibility of hemodialysis membrane fabricated by nucleobase-recognized co-immobilization strategy of tannic acid, looped PEtOx brush and heparin. Journal of Membrane Science, 2021, 625, 119174.	8.2	20
8	Polymer Pressureâ€Sensitive Adhesive with A Temperatureâ€Insensitive Loss Factor Operating Under Water and Oil. Advanced Functional Materials, 2021, 31, 2104296.	14.9	34
9	A nonionic polymer-brush-grafted PVDF membrane to analyse fouling during the filtration of oil/water emulsions. Journal of Membrane Science, 2021, 637, 119644.	8.2	25
10	Hierarchical Surface Architecture of Hemodialysis Membranes for Eliminating Homocysteine Based on the Multifunctional Role of Pyridoxal 5â€²-phosphate. ACS Applied Materials & Interfaces, 2020, 12, 36837-36850.	8.0	8
11	H₂O₂-Triggered Rapid Deposition of Poly(caffeic acid) Coatings: A Mechanism-Based Entry to Versatile and High-Efficient Molecular Separation. ACS Applied Materials & Interfaces, 2020, 12, 52104-52115.	8.0	12
12	Chondroitin sulfate hydrogels based on electrostatic interactions with enhanced adhesive properties: exploring the bulk and interfacial contributions. Soft Matter, 2020, 16, 6128-6137.	2.7	22
13	Adsorptive removal of cholesterol by biodegradable zein-graft-Î²-cyclodextrin film. International Journal of Biological Macromolecules, 2020, 155, 293-304.	7.5	10
14	Silibinin as a natural antioxidant for modifying polysulfone membranes to suppress hemodialysis-induced oxidative stress. Journal of Membrane Science, 2019, 574, 86-99.	8.2	37
15	Immobilization of poly(N-acryoyl morpholine) via hydrogen-bonded interactions for improved separation and antifouling properties of poly(vinylidene fluoride) membranes. Reactive and Functional Polymers, 2018, 123, 80-90.	4.1	18
16	Dopamine-induced nonionic polymer coatings for significantly enhancing separation and antifouling properties of polymer membranes: Codeposition versus sequential deposition. Journal of Membrane Science, 2017, 539, 421-431.	8.2	57
17	Dual functionalized poly(vinylidene fluoride) membrane with acryloylmorpholine and argatroban to improve antifouling and hemocompatibility. Journal of Biomedical Materials Research - Part A, 2017, 105, 178-188.	4.0	22
18	Preparation and anti-fouling property of carboxybetaine-based zwitterionic PVDF membrane. Separation Science and Technology, 2016, 51, 1189-1198.	2.5	11

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19	Fabrication of thermosensitive hydrogel-supported Ni nanoparticles with tunable catalytic activity for 4-nitrophenol. Journal of Materials Science, 2016, 51, 3200-3210.	3.7	10
20	Temperature-sensitive membranes prepared from blends of poly(vinylidene fluoride) and poly(N-isopropylacrylamides) microgels. Colloid and Polymer Science, 2013, 291, 2419-2428.	2.1	26
21	Structure and pHâ€sensitive properties of poly (vinylidene fluoride) membrane changed by blending poly (acrylic acid) microgels. Polymers for Advanced Technologies, 2013, 24, 934-944.	3.2	25
22	Structure and performance of poly(vinylidene fluoride) membrane with temperatureâ€sensitive poly(nâ€isopropylacrylamide) homopolymers in membrane pores. Polymer Composites, 2013, 34, 457-467.	4.6	16
23	Surfactant Binding of Polycations Carrying Charges on the Chain Backbone:Â Cooperativity, Stoichiometry and Crystallinity. Macromolecules, 1998, 31, 787-794.	4.8	64