Hua Yuan

List of Publications by Year
in descending order

61 papers	1,186 citations	394286 19 h-index	395590 33 g-index
61 all docs	61 docs citations	61 times ranked	1348 citing authors

#	Article	IF	Citations
1	Tribological behavior and wear mechanism of Cu/CF/phenolic resin sandwich composites under current. Journal of Industrial Textiles, 2022, 51, 8983S-8999S.	1.1	12
2	Recent progress in organic color-tunable phosphorescent materials. Journal of Materials Science and Technology, 2022, 101, 264-284.	5.6	38
3	Electrochemical detection of nitrate with carbon nanofibers and copper co-modified carbon fiber electrodes. Composites Communications, 2022, 29, 101043.	3.3	64
4	Graphene oxide/gold nanoparticle/graphite fiber microelectrodes for directing electron transfer of glucose oxidase and glucose detection. Journal of Power Sources, 2022, 521, 230956.	4.0	31
5	OUP accepted manuscript. Nucleic Acids Research, 2022, , .	6.5	5
6	Liquefied Polysaccharidesâ€Based Polymer with Tunable Condensed State Structure for Antimicrobial Shield by Multiple Processing Methods. Small Methods, 2022, 6, e2200129.	4.6	13
7	Ultralong Organic Phosphorescence Modulation of Aromatic Carbonyls and <scp>Multiâ€Component</scp> Systems. Chinese Journal of Chemistry, 2022, 40, 1987-2000.	2.6	9
8	Roomâ€Temperature Sodiumâ€“Sulfur Batteries: Rules for Catalyst Selection and Electrode Design. Advanced Materials, 2022, 34, .	11.1	31
9	Application and exploration of nanofibrous strategy in electrode design. Journal of Materials Science and Technology, 2021, 74, 189-202.	5.6	40
10	Aggregation-induced emission for the visualization of the structure and properties of polymers. Journal of Materials Chemistry C, 2021, 9, 11484-11496.	2.7	10
11	Negative permittivity behavior in Ti3AlC2-polyimide composites and the regulation mechanism. Journal of Materials Science: Materials in Electronics, 2021, 32, 10388-10397.	1.1	31
12	Iron/epoxy random metamaterials with adjustable epsilon-near-zero and epsilon-negative property. Journal of Materials Science: Materials in Electronics, 2021, 32, 15995-16007.	1.1	19
13	A flame retarded polymer-based composite solid electrolyte improved by natural polysaccharides. Composites Communications, 2021, 26, 100774.	3.3	39
14	Fast colloidal synthesis of SnSe₂nanosheets for flexible broad-band photodetection. CrystEngComm, 2021, 23, 2034-2038.	1.3	11
15	A hydrogen evolution system based on hybrid nanogel films with capabilities of spontaneous moisture collection and high light harvesting. Green Chemistry, 2021, 23, 8969-8978.	4.6	13
16	Carbon nanotube/carbon fiber electrodes via chemical vapor deposition for simultaneous determination of ascorbic acid, dopamine and uric acid. Arabian Journal of Chemistry, 2020, 13, 3266-3275.	2.3	54
17	Recent advances in HemN-like radical S-adenosyl-<scp>l</scp>-methionine enzyme-catalyzed reactions. Natural Product Reports, 2020, 37, 17-28.	5.2	21
18	Improving the anti-icing performance of superhydrophobic surfaces by nucleation inhibitor. Surface Engineering, 2020, 36, 621-627.	1.1	18

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19	Ordered <scp>Honeycombâ€Pattern</scp> Membrane^{â€}. Chinese Journal of Chemistry, 2020, 38, 1767-1779.	2.6	18
20	Designing Robust, Breathable, and Antibacterial Multifunctional Porous Membranes by a Nanofluids Templated Strategy. Advanced Functional Materials, 2020, 30, 2006544.	7.8	15
21	Preparation of polymeric Janus microparticles with hierarchically porous structure and enhanced anisotropy. Journal of Colloid and Interface Science, 2018, 522, 144-150.	5.0	22
22	Molecular Glass Photoresists with High Resolution, Low LER, and High Sensitivity for EUV Lithography. Macromolecular Materials and Engineering, 2018, 303, 1700654.	1.7	16
23	Fabrication and study of superficially porous core-shell SiO₂@SiO₂ microspheres. Ferroelectrics, 2018, 530, 45-50.	0.3	2
24	A radical S-adenosyl-L-methionine enzyme and a methyltransferase catalyze cyclopropane formation in natural product biosynthesis. Nature Communications, 2018, 9, 2771.	5.8	34
25	Preparation of Hierarchical Highly Ordered Porous Films of Brominated Poly(phenylene oxide) and Hydrophilic SiO2/C Membrane via the Breath Figure Method. Materials, 2018, 11, 481.	1.3	18
26	Preparation and application of multi-walled carbon nanotubes and metal cobalt nanoparticles composite carbon fiber electrodes. Ferroelectrics, 2018, 527, 157-161.	0.3	0
27	A hydrophilicity-based fluorescent strategy to differentiate cysteine/homocysteine over glutathione both in vivo and in vitro. RSC Advances, 2017, 7, 5549-5553.	1.7	7
28	Preparation of chelating hollow-fiber ultrafiltration membrane. Integrated Ferroelectrics, 2017, 179, 38-44.	0.3	3
29	Synthesis of monodisperse silica microspheres and modification with diazoresin for mixed-mode ultra high performance liquid chromatography separations. Journal of Separation Science, 2017, 40, 4320-4328.	1.3	6
30	Preparation of transparent monolithic methylsilsesquioxane (MSQ) aerogels via ambient pressure drying. RSC Advances, 2017, 7, 32861-32865.	1.7	3
31	Fabrication of universal serial bus flash disk type microfluidic chip electrophoresis and application for protein analysis under ultra low voltage. Biomicrofluidics, 2016, 10, 024107.	1.2	5
32	Fabrication of anti-protein-fouling poly(ethylene glycol) microfluidic chip electrophoresis by sandwich photolithography. Biomicrofluidics, 2016, 10, 044106.	1.2	11
33	Electrochemical behavior of dopamine on La@C82-COOH/C60-COOH/C70-COOH modified electrodes. Integrated Ferroelectrics, 2016, 171, 131-139.	0.3	2
34	A new synthesis device for preparing polymer monolithic columns with less defects. Integrated Ferroelectrics, 2016, 170, 162-167.	0.3	0
35	Detection of dopamine using carboxyl-La@C82 modified gold electrodes. Integrated Ferroelectrics, 2016, 170, 112-119.	0.3	0
36	Self-assembled covalent capillary coating of diazoresin/carboxyl fullerene for analysis of proteins by capillary electrophoresis and a comparison with diazoresin/graphene oxide coating. Journal of Chromatography A, 2016, 1437, 226-233.	1.8	34

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37	Preparation of highly permeable BPPO microfiltration membrane with binary porous structures on a colloidal crystal substrate by the breath figure method. Journal of Colloid and Interface Science, 2016, 461, 232-238.	5.0	28
38	Synthesis and application of cottonâ€based chelate fibers grafted with poly(1â€vinylâ€1,2,4â€triazole) side chains. Journal of Applied Polymer Science, 2015, 132, .	1.3	1
39	Synthesis of Monodisperse PEG/SiO₂Hybrid Microspheres by Microfluidic Methods. Integrated Ferroelectrics, 2015, 160, 147-152.	0.3	0
40	Fabrication of highly ordered porous membranes of cellulose triacetate on ice substrates using breath figure method. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 552-558.	2.4	28
41	Preparation of Opal Ball with Enhanced Light Diffraction Using Dry Self-Assembly Method. Integrated Ferroelectrics, 2015, 164, 1-5.	0.3	0
42	Facile Preparation of Litchi-Like Polystyrene-Silica Hybrid Particles via Dispersion Polymerization. Integrated Ferroelectrics, 2015, 163, 36-41.	0.3	1
43	Synthesis of Fe3O4-NPs/SiO2 core-shell hollow microspheres and application in water treatment. Colloid and Polymer Science, 2015, 293, 985-991.	1.0	7
44	Recent progress in preparation and application of microfluidic chip electrophoresis. Journal of Micromechanics and Microengineering, 2015, 25, 053001.	1.5	23
45	Preparation of Sodium Alginate Porous Materials Using Colloidal Crystals as Templates. Integrated Ferroelectrics, 2015, 161, 92-97.	0.3	2
46	Inverse colloidal crystal membranes for hydrophobic interaction membrane chromatography. Journal of Separation Science, 2015, 38, 2819-2825.	1.3	7
47	Carbon Nanotube/Brominated Poly(2,6-dimethyl-1,4-phenylene Oxide) Nanocomposite Membranes for CO2/N2Separation. Integrated Ferroelectrics, 2015, 164, 136-144.	0.3	4
48	Simultaneous Detection of Ascorbic Acid, Dopamine and Uric Acid Using Carboxyl-C₆₀Modified Electrodes. Integrated Ferroelectrics, 2015, 162, 62-68.	0.3	0
49	Preparation of PVDF/PMMA Blend Hollow Fiber Ultrafiltration Membranes via Wet Spinning Method. Integrated Ferroelectrics, 2014, 151, 76-82.	0.3	3
50	Densification treatment and properties of carbon fiber reinforced contact strip. Science and Engineering of Composite Materials, 2014, 21, 49-58.	0.6	5
51	A Recipe Research of PAN Hollow Fiber Ultrafiltration Membranes. Integrated Ferroelectrics, 2014, 152, 67-72.	0.3	7
52	Fabrication of anisotropic silica hollow microspheres using polymeric protrusion particles as templates. Colloid and Polymer Science, 2014, 292, 2361-2367.	1.0	11
53	Determination of Dopamine Using Self-Assembled Diazoresin/Graphene Modified Electrodes. Integrated Ferroelectrics, 2014, 154, 36-42.	0.3	1
54	Detection of dopamine using self-assembled diazoresin/single-walled carbon nanotube modified electrodes. Chinese Chemical Letters, 2014, 25, 523-528.	4.8	19

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55	Graphene-Based Multilayers Constructed from Layer-by-Layer Self-Assembly Techniques. Journal of Nanoscience and Nanotechnology, 2014, 14, 1145-1153.	0.9	12
56	Synthesis, Selfâ€Assembly, and Properties of Homoarm and Heteroarm Starâ€Shaped Inorganicâ€“Organic Hybrid Polymers with a POSS Core. Macromolecular Chemistry and Physics, 2013, 214, 1580-1589.	1.1	18
57	Effect of surface modification on carbon fiber and its reinforced phenolic matrix composite. Applied Surface Science, 2012, 259, 288-293.	3.1	148
58	Synthesis, characterization, and properties of tunable thermosensitive amphiphilic dendrimerâ€star copolymers with Yâ€shaped arms. Journal of Polymer Science Part A, 2011, 49, 4071-4080.	2.5	22
59	Flameâ€retardancy and antiâ€dripping effects of intumescent flame retardant incorporating montmorillonite on poly(lactic acid). Polymers for Advanced Technologies, 2009, 20, 1114-1120.	1.6	103
60	Preparation, characterization, and foaming behavior of poly(lactic acid)/poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (adi	1.5	77
61	Synthesis and Application of Chitosanâ€gâ€PLLA Copolymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 2008, 45, 754-760.	1.2	4