

Zujin Yang

List of Publications by Year in descending order

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39
papers

952
citations

411340

20
h-index

511568

30
g-index

39
all docs

39
docs citations

39
times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Antioxidant Activity of Fresh Fruits through Salicylic Acid/ β -CD Hydroalcoholic Gels. <i>Gels</i> , 2022, 8, 61.	2.1	0
2	Enhanced Sunscreen Effects via Layer-By-Layer Self-Assembly of Chitosan/Sodium Alginate/Calcium Chloride/EHA. <i>Molecules</i> , 2022, 27, 1148.	1.7	4
3	Removal of various pollutants from wastewaters using an efficient and degradable hypercrosslinked polymer. <i>Separation Science and Technology</i> , 2021, 56, 860-869.	1.3	25
4	A quinone electrode with reversible phase conversion for long-life rechargeable aqueous aluminum-metal batteries. <i>Chemical Communications</i> , 2021, 57, 6931-6934.	2.2	31
5	Sunscreen Enhancement of Octyl Methoxycinnamate Microcapsules by Using Two Biopolymers as Wall Materials. <i>Polymers</i> , 2021, 13, 866.	2.0	11
6	Synthesis of a Stable Benzoxazole Gel from an Imine Gel for Adsorption and Catalysis. <i>Langmuir</i> , 2021, 37, 5531-5539.	1.6	5
7	Dynamic Covalent Bonds of Si-OR and Si-OSi Enabled A Stiff Polymer to Heal and Recycle at Room Temperature. <i>Materials</i> , 2021, 14, 2680.	1.3	5
8	Enhanced selective removal of Pb(II) by modification low-cost bio-sorbent: Experiment and theoretical calculations. <i>Journal of Cleaner Production</i> , 2021, 316, 128372.	4.6	38
9	A spirobifluorene-based water-soluble imidazolium polymer for luminescence sensing. <i>New Journal of Chemistry</i> , 2021, 45, 13021-13028.	1.4	5
10	Preparation of high purity squalene from soybean oil deodorizer distillate with the combination of macroporous resin and thin-film evaporation coupling distillation. <i>Separation Science and Technology</i> , 2020, 55, 1611-1622.	1.3	1
11	Imidazolium-functionalized stable gel materials for efficient adsorption of phenols from aqueous solutions. <i>Environmental Technology and Innovation</i> , 2020, 17, 100511.	3.0	11
12	Continuous flow synthesis of porous materials. <i>Chinese Chemical Letters</i> , 2020, 31, 1448-1461.	4.8	28
13	Enhancing Zn Ion Storage Capability of Hydrated Vanadium Pentoxide by the Strategic Introduction of La ³⁺ . <i>ChemSusChem</i> , 2020, 13, 1568-1574.	3.6	37
14	Hybridization of CuO with Bi ₂ MoO ₆ Nanosheets as a Surface Multifunctional Photocatalyst for Toluene Oxidation under Solar Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2259-2268.	4.0	50
15	Immobilization of β -CD on a Hyper-Crosslinked Polymer for the Enhanced Removal of Amines from Aqueous Solutions. <i>Polymers</i> , 2020, 12, 1620.	2.0	6
16	A recyclable photocatalytic tea-bag-like device model based on ultrathin Bi/C/BiOX (X=Cl, Br) nanosheets. <i>Applied Surface Science</i> , 2020, 515, 145967.	3.1	29
17	Efficient Selective Removal of Pb(II) by Using 6-Aminothiouracil-Modified Zr-Based Organic Frameworks: From Experiments to Mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7162-7178.	4.0	99
18	Modifying defect States in CeO ₂ by Fe doping: A strategy for low-temperature catalytic oxidation of toluene with sunlight. <i>Journal of Hazardous Materials</i> , 2020, 390, 122182.	6.5	54

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19	Enhanced Formaldehyde Removal from Air Using Fully Biodegradable Chitosan Grafted β -Cyclodextrin Adsorbent with Weak Chemical Interaction. <i>Polymers</i> , 2019, 11, 276.	2.0	28
20	Efficient Removal of Copper Ion from Wastewater Using a Stable Chitosan Gel Material. <i>Molecules</i> , 2019, 24, 4205.	1.7	33
21	Two-Dimensional Cationic Networks and Their Spherical Curvature with Tunable Opening/Closing. <i>Nano Letters</i> , 2019, 19, 9131-9137.	4.5	9
22	Mechanism for efficient separation of eugenol and eugenol acetate with β -cyclodextrin as a selective solvent. <i>Supramolecular Chemistry</i> , 2019, 31, 767-775.	1.5	7
23	Stability, Stimuli-Responsiveness, and Versatile Sorption Properties of a Dynamic Covalent Acylhydrazone Gel. <i>Global Challenges</i> , 2019, 3, 1800073.	1.8	2
24	Thiourea modified hypercrosslinked polystyrene resin for heavy metal ions removal from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45568.	1.3	40
25	Synergistic catalytic oxidation of cinnamaldehydes by poly(vinyl alcohol) functionalized β -cyclodextrin polymer in $\text{CaO}/\text{HCO}_3^-$ system. <i>Supramolecular Chemistry</i> , 2018, 30, 134-145.	1.5	3
26	Host-Guest complexes of estragole with β -cyclodextrin: an experimental and theoretical investigation. <i>Flavour and Fragrance Journal</i> , 2017, 32, 102-111.	1.2	12
27	Indium doped BiOI nanosheets: Preparation, characterization and photocatalytic degradation activity. <i>Applied Surface Science</i> , 2017, 423, 1188-1197.	3.1	66
28	Preparation and release behaviour of the inclusion complexes of phenylethanol with β -cyclodextrin. <i>Flavour and Fragrance Journal</i> , 2016, 31, 206-216.	1.2	22
29	Efficient oxidation of cinnamon oil to natural benzaldehyde over β -cyclodextrin-functionalized MWCNTs. <i>Chinese Journal of Catalysis</i> , 2016, 37, 2086-2097.	6.9	6
30	Efficient removal of BTEX from aqueous solution by β -cyclodextrin modified poly(butyl methacrylate) resin. <i>Separation and Purification Technology</i> , 2016, 158, 417-421.	3.9	28
31	β -cyclodextrin grafted on lignin as inverse phase transfer catalyst for the oxidation of benzyl alcohol in H ₂ O. <i>Tetrahedron</i> , 2016, 72, 1773-1781.	1.0	18
32	Controlled release and enhanced antibacterial activity of salicylic acid by hydrogen bonding with chitosan. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 421-426.	1.7	25
33	Solid inclusion complex of terpinen-4-ol/ β -cyclodextrin: kinetic release, mechanism and its antibacterial activity. <i>Flavour and Fragrance Journal</i> , 2015, 30, 179-187.	1.2	34
34	Synergistic effect of hydrogen bonding mediated selective synthesis of benzaldehyde in water. <i>Chinese Journal of Catalysis</i> , 2014, 35, 590-598.	6.9	8
35	Preparation and controllable release of chitosan/vanillin microcapsules and their application to cotton fabric. <i>Flavour and Fragrance Journal</i> , 2014, 29, 114-120.	1.2	58
36	2-Hydroxypropyl- β -cyclodextrin Polymer as a Mimetic Enzyme for Mediated Synthesis of Benzaldehyde in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1172-1179.	3.2	49

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37	Mechanism into selective oxidation of cinnamaldehyde using β -cyclodextrin polymer as phase-transfer catalyst. <i>Tetrahedron</i> , 2012, 68, 5912-5919.	1.0	29
38	Selective inclusion and separation of cinnamaldehyde and benzaldehyde by insoluble β -cyclodextrin polymer. <i>Separation and Purification Technology</i> , 2011, 80, 209-216.	3.9	31
39	Solid-Liquid Phase Equilibrium of Isophthalonitrile in 16 Solvents from T = 273.15 to 324.75 K and Mixing Properties of Solutions. <i>Journal of Chemical & Engineering Data</i> , 0, , .	1.0	5