

Min Wu

List of Publications by Year in descending order

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36
papers

509
citations

623574

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36
all docs

36
docs citations

36
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	The Life Cycle Assessment for Polylactic Acid (PLA) to Make It a Low-Carbon Material. <i>Polymers</i> , 2021, 13, 1854.	2.0	88
2	Microbial Production of 1,3-Propanediol by <i>Klebsiella pneumoniae</i> XJPD-Li under Different Aeration Strategies. <i>Applied Biochemistry and Biotechnology</i> , 2009, 152, 127-134.	1.4	36
3	Synthesis of a novel modified chitosan as an intumescent flame retardant for epoxy resin. <i>E-Polymers</i> , 2020, 20, 303-316.	1.3	27
4	Cost-Effective Strategy for Surface Modification via Complexation of Disassembled Polydopamine with Fe(III) Ions. <i>Langmuir</i> , 2019, 35, 4101-4109.	1.6	26
5	Preparation and Characterization of Monodispersed Microflocules of TiO ₂ Nanoparticles with Immobilized Multienzymes. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3300-3307.	4.0	25
6	Catalyst for the degradation of 1,1-dimethylhydrazine and its by-product N-nitrosodimethylamine in propellant wastewater. <i>RSC Advances</i> , 2016, 6, 5677-5687.	1.7	22
7	Tuning protein adsorption on charged polyelectrolyte brushes via salinity adjustment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 539, 37-45.	2.3	19
8	Mechanistic Understanding and Nanomechanics of Multiple Hydrogen-Bonding Interactions in Aqueous Environment. <i>Journal of Physical Chemistry C</i> , 2019, 123, 4540-4548.	1.5	19
9	Heterogeneous Photo-Fenton Catalytic Oxidation of Ciprofloxacin Using LaFeO ₃ /Diatomite Composite Photocatalysts under Visible Light. <i>ChemistrySelect</i> , 2020, 5, 14792-14799.	0.7	17
10	Improvement of dye-sensitized solar cell performance through electrodepositing a close-packed TiO ₂ film. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 857-863.	1.2	16
11	ZrO ₂ -MoO ₃ for the Acetalization of 1,3-Propanediol from Dilute Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 6304-6309.	1.8	16
12	Sensitive Hydrazine Electrochemical Biosensor Based on a Porous Chitosan-Carbon Nanofiber Nanocomposite Modified Electrode. <i>Analytical Letters</i> , 2015, 48, 1551-1569.	1.0	16
13	Chitosan-silica nanoparticles catalyst (M@CS-SiO ₂) for the degradation of 1,1-dimethylhydrazine. <i>Research on Chemical Intermediates</i> , 2019, 45, 1721-1735.	1.3	16
14	Preparation of organic-inorganic intumescent flame retardant with phosphorus, nitrogen and silicon and its flame retardant effect for epoxy resin. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49256.	1.3	16
15	Quasi-static particle formation of poly(acrylamide/methacrylic acid) in ethanol by using V-65 as initiator. <i>Polymer Chemistry</i> , 2010, 1, 899.	1.9	12
16	Three dimension Liesegang rings of calcium hydrophosphate in gelatin. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 71, 597-605.	1.1	12
17	Preparation of pH-sensitive nanoparticles of poly (methacrylic acid) (PMAA)/poly (vinyl pyrrolidone) (PVP) by ATRP-template miniemulsion polymerization in the aqueous solution. <i>Colloid and Polymer Science</i> , 2015, 293, 2035-2044.	1.0	12
18	Visible-light-driven photo-Fenton degradation of ceftriaxone sodium using SnS ₂ /LaFeO ₃ composite photocatalysts. <i>New Journal of Chemistry</i> , 2021, 45, 18933-18946.	1.4	11

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19	Preparation and sintering properties in air of silver-coated copper powders and pastes. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 4913-4918.	1.1	10
20	Preparation of charged mosaic membrane of sodium polystyrene sulfonate and poly(4-vinyl pyridine) by conjugate electrospinning. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	10
21	Electrocatalytic Behavior of Hemoglobin Oxidation of Hydrazine Based on ZnO Nano-rods with Carbon Nanofiber Modified Electrode. <i>Analytical Sciences</i> , 2015, 31, 1027-1033.	0.8	10
22	Partition of initiators in quasi-static precipitation polymerization of AAm/MAC. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1400-1412.	2.0	9
23	Preparation of a poly(DMAEMA-co-HEMA) self-supporting microfiltration membrane with high anionic permselectivity by electrospinning. <i>E-Polymers</i> , 2017, 17, 149-157.	1.3	8
24	Charges of soluble amphiphiles and particles: random and diblock copolymerizations of MAA/AAm, MAA/St, and MAA/4VP in ethanol. <i>Colloid and Polymer Science</i> , 2014, 292, 1553-1565.	1.0	7
25	PMAA-based RAFT dispersion polymerization of MMA in ethanol: conductivity, block length and self-assembly. <i>RSC Advances</i> , 2016, 6, 58218-58225.	1.7	7
26	Preparation of isometric Liesegang patterns and application in multi-pulsed drug release system. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 216-224.	1.1	6
27	ATRP-template dispersion polymerization of methacrylic Acid/PVP. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 476-487.	2.0	5
28	Direct conversion of cellulose to 5-hydroxymethylfurfural over SnNb ₂ O ₆ /ZrO ₂ catalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020, 130, 903-918.	0.8	5
29	A novel CWPO/H ₂ O ₂ /UV synergistic treatment for the degradation of unsymmetrical dimethylhydrazine in wastewater. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 479-491.	1.2	5
30	Aggregation of A β 40/42 chains in the presence of cyclic neuropeptides investigated by molecular dynamics simulations. <i>PLoS Computational Biology</i> , 2021, 17, e1008771.	1.5	5
31	Oxide Nanofibers as Catalysts Toward Energy Conversion and Environmental Protection. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 366-378.	1.3	5
32	A Z-scheme iron-based hollow microsphere with enhanced photocatalytic performance for tetracycline degradation. <i>Journal of Materials Research</i> , 2021, 36, 1600-1613.	1.2	4
33	Interactions of model airborne particulate matter with dipalmitoyl phosphatidylcholine and a clinical surfactant Calsurf. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1993-2009.	5.0	3
34	4-Chloro-6,7-dimethoxyquinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3012-o3012.	0.2	2
35	Effective SO ₄ ²⁻ /TiO ₂ /ZrO ₂ for preparation and hydrolysis of 1,3-propanediol acetals. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 100, 337.	0.8	1
36	Preparation of poly(NaSS-co-HEMA) self-supporting nanofiltration membrane with high cationic permselectivity by electrospinning. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45541.	1.3	1