

Wei Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/247989/publications.pdf>

Version: 2024-02-01

24
papers

544
citations

759233

12
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient glycolysis of PET catalyzed by a metal-free phosphazene base: the important role of EG ²⁺ . <i>Green Chemistry</i> , 2022, 24, 1294-1301.	9.0	13
2	Mechanism of the Significant Acceleration of Polyethylene Terephthalate Glycolysis by Defective Ultrathin ZnO Nanosheets with Heteroatom Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5476-5488.	6.7	15
3	Direct synthesis of lactide from concentrated lactic acid catalyzed by hierarchical Sn-beta zeolite. <i>Scientia Sinica Chimica</i> , 2022, 52, 1127-1139.	0.4	2
4	Oriented Assembly of Anisotropic Nanosheets into Ultrathin Flowerlike Superstructures for Energy Storage. <i>ACS Nano</i> , 2021, 15, 2707-2718.	14.6	28
5	Controlled Synthesis of L-Lactide Using Sn-Beta Zeolite Catalysts in a One-Step Route. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 13534-13541.	3.7	11
6	PLA-based core-shell structure stereocomplexed nanoparticles with enhanced loading and release profile of paclitaxel. <i>Frontiers in Bioscience</i> , 2021, 26, 517.	2.1	1
7	Poly(lactic acid) Nonwoven Fabric Surface Modified with Stereocomplex Crystals for Recyclable Use in Oil/Water Separation. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2509-2516.	4.4	30
8	Nanostructure Control of a Regioregular Poly(3-alkylthiophene) Using an Oligopeptide Side Chain. <i>Macromolecules</i> , 2020, 53, 6087-6098.	4.8	2
9	Efficient Synthesis of Lactide with Low Racemization Catalyzed by Sodium Bicarbonate and Zinc Lactate. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2865-2873.	6.7	21
10	Rational design of a zwitterionic phosphonic copolymer for the surface antifouling modification of multiple biomedical metals. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4055-4065.	5.8	24
11	One-Step Synthesis of Biodegradable Polyurethane Prepolymer and Its Rapid Gelation Behavior at High Water Content. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600369.	2.2	1
12	Humid Bonding with a Water-Soluble Adhesive Inspired by Mussels and Sandcastle Worms. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 450-459.	2.2	21
13	Green synthesis of enantiomerically pure L-lactide and D-lactide using biogenic creatinine catalyst. <i>Polymer Degradation and Stability</i> , 2014, 101, 18-23.	5.8	24
14	Facile Fabrication of Magnetic Chitosan Beads of Fast Kinetics and High Capacity for Copper Removal. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3421-3426.	8.0	138
15	Synthesis, characterization and thermal properties of polystyrene-poly(lactic acid)-polystyrene triblock copolymer via atom transfer radical polymerization. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 1074-1084.	4.2	5
16	Spherical polystyrene-supported chitosan thin film of fast kinetics and high capacity for copper removal. <i>Journal of Hazardous Materials</i> , 2014, 276, 295-301.	12.4	77
17	A transient polymorph transition of 4-cyano-4'-octyloxybiphenyl (8OCB) revealed by ultrafast differential scanning calorimetry (UFDSC). <i>Soft Matter</i> , 2013, 9, 1488-1491.	2.7	19
18	A Novel Branched Polyoxymethylene Synthesized by Cationic Copolymerization of 1,3,5-Trioxane with 3-(Alkoxyethyl)ethyloxetane. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2752-2760.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Polythiophene with oligopeptide side chain: preparation and nano-structure. <i>Supramolecular Chemistry</i> , 2013, 25, 842-847.	1.2	6
20	Isotactic polycondensation of l-lactic acid with biogenic creatinine. <i>Polymer</i> , 2012, 53, 5476-5479.	3.8	13
21	Spherical polystyrene-supported nano-Fe ₃ O ₄ of high capacity and low-field separation for arsenate removal from water. <i>Journal of Hazardous Materials</i> , 2012, 243, 319-325.	12.4	70
22	Synthesis and thermal properties of poly(methyl methacrylate)- <i>g</i> -poly(L-lactic acid) block copolymer. <i>Journal of Applied Polymer Science</i> , 2011, 119, 3905-3911.	2.6	4
23	Enthalpy Relaxation near the Glass Transition of Polystyrenes with Controlled Interchain Proximity. <i>Macromolecules</i> , 2008, 41, 5356-5360.	4.8	11
24	Structural Relaxation of Polystyrene Glasses with Disordered Interpenetrated Chains Studied by Differential Scanning Calorimetry. <i>Journal of Macromolecular Science - Physics</i> , 2008, 47, 794-799.	1.0	0