

Zhuofu Wu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

382
citations

840776

11
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752698

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21
all docs

21
docs citations

21
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilization of <i>Bacillus subtilis</i> lipase on a Cu-BTC based hierarchically porous metal-organic framework material: a biocatalyst for esterification. <i>Dalton Transactions</i> , 2016, 45, 6998-7003.	3.3	128
2	Enantioselective transesterification of (R,S)-2-pentanol catalyzed by a new flower-like nanobioreactor. <i>RSC Advances</i> , 2014, 4, 33998-34002.	3.6	30
3	Using Laccases in the Nanoflower to Synthesize Viniferin. <i>Catalysts</i> , 2017, 7, 188.	3.5	25
4	Co-Immobilization of Tri-Enzymes for the Conversion of Hydroxymethylfurfural to 2,5-Diformylfuran. <i>Molecules</i> , 2019, 24, 3648.	3.8	23
5	Encapsulation of β -galactosidase from <i>Aspergillus oryzae</i> based on a "fish-in-net" approach with molecular imprinting technique. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 63, 75-80.	1.8	19
6	Improvement of the Enzyme Performance of Trypsin via Adsorption in Mesoporous Silica SBA-15: Hydrolysis of BAPNA. <i>Molecules</i> , 2013, 18, 1138-1149.	3.8	19
7	An Improved Method to Encapsulate Laccase from <i>Trametes versicolor</i> with Enhanced Stability and Catalytic Activity. <i>Catalysts</i> , 2018, 8, 286.	3.5	19
8	Ordered Cubic Mesoporous Silicas with Large Pore Sizes Synthesized via High-Temperature Route. <i>Langmuir</i> , 2009, 25, 13169-13175.	3.5	17
9	Prevention of Bacterial Contamination of a Silica Matrix Containing Entrapped β -Galactosidase through the Action of Covalently Bound Lysozymes. <i>Molecules</i> , 2017, 22, 377.	3.8	15
10	Improving the properties of β -galactosidase from <i>Aspergillus oryzae</i> via encapsulation in aggregated silica nanoparticles. <i>New Journal of Chemistry</i> , 2013, 37, 3793.	2.8	14
11	Highly efficient and regioselective acylation of arbutin catalyzed by lipase from <i>Candida sp.</i> . <i>Process Biochemistry</i> , 2015, 50, 789-792.	3.7	11
12	Ultrasound-Assisted Enantioselective Esterification of Ibuprofen Catalyzed by a Flower-Like Nanobioreactor. <i>Molecules</i> , 2016, 21, 565.	3.8	11
13	Combining the Physical Adsorption Approach and the Covalent Attachment Method to Prepare a Bifunctional Bioreactor. <i>International Journal of Molecular Sciences</i> , 2012, 13, 11443-11454.	4.1	10
14	Optimization of a dual-functional biocatalytic system for continuous hydrolysis of lactose in milk. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 38-44.	2.2	10
15	Microwave-Assisted Resolution of \pm -Lipoic Acid Catalyzed by an Ionic Liquid Co-Lyophilized Lipase. <i>Molecules</i> , 2015, 20, 9949-9960.	3.8	7
16	High-Temperature Synthesis of Ordered Hexagonal Mesoporous Silica Materials (SBA-15) with Adjustable Large Mesopores for Selective Adsorption of Biomolecules. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5577-5584.	2.0	6
17	UV-Visible and Raman Spectroscopic Studies of Lithocholic Acid on E-2-Butenal for AntiGlioma. <i>Spectroscopy Letters</i> , 2015, 48, 506-513.	1.0	5
18	The Fabrication of Amino Acid Incorporated Nanoflowers with Intrinsic Peroxidase-like Activity and Its Application for Efficiently Determining Glutathione with TMB Radical Cation as Indicator. <i>Micromachines</i> , 2021, 12, 1099.	2.9	5

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19	<p>Nitroxide-Modified Protein-Incorporated Nanoflowers with Dual Enzyme-Like Activities</p>. International Journal of Nanomedicine, 2020, Volume 15, 263-273.	6.7	4
20	Resolution of 1,1,1-trifluoro-2-octanol by Pseudomonas sp. lipase encapsulated in aggregated silica nanoparticles. RSC Advances, 2014, 4, 6103.	3.6	2
21	The performance of mesoporous organosilicas with phenyl groups in Heme protein immobilization. New Journal of Chemistry, 2015, 39, 739-745.	2.8	2