

Hui Guo

List of Publications by Year in descending order

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53
papers

792
citations

516710
16
h-index

580821
25
g-index

53
all docs

53
docs citations

53
times ranked

1113
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the relationship between crosslinking degree and properties of TPP crosslinked chitosan nanoparticles. <i>Carbohydrate Polymers</i> , 2020, 241, 116349.	10.2	78
2	Preparation of immobilized lipase on magnetic nanoparticles dialdehyde starch. <i>Carbohydrate Polymers</i> , 2019, 218, 324-332.	10.2	60
3	Covalent immobilization of α -amylase on magnetic particles as catalyst for hydrolysis of high-amylose starch. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 537-544.	7.5	48
4	Preparation nanoparticle by ionic cross-linked emulsified chitosan and its antibacterial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 568, 362-370.	4.7	47
5	A new strategy for statistical analysis-based fingerprint establishment: Application to quality assessment of Semen sojae praeparatum. <i>Food Chemistry</i> , 2018, 258, 189-198.	8.2	38
6	Preparation and antimicrobial activity of pectin-chitosan embedding nisin microcapsules. <i>European Polymer Journal</i> , 2021, 157, 110676.	5.4	29
7	Immobilization of lipase by dialdehyde cellulose crosslinked magnetic nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 287-296.	7.5	28
8	Preparation and properties of gum arabic cross-link binding nisin microparticles. <i>Carbohydrate Polymers</i> , 2018, 197, 608-613.	10.2	23
9	Quantitative measurement of carbon isotopic composition in CO ₂ gas reservoir by Micro-Laser Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 195, 191-198.	3.9	21
10	Mollicellins O ⁺ , Four New Depsidones Isolated from the Endophytic Fungus <i>Chaetomium</i> sp. Eef-10. <i>Molecules</i> , 2018, 23, 3218.	3.8	20
11	Design, Synthesis, and Antifungal Activities of Novel 1,2,4-Triazole Schiff Base Derivatives. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800263.	2.1	20
12	Preparation and evaluation of porous starch/chitosan composite cross-linking hemostatic. <i>European Polymer Journal</i> , 2019, 118, 17-26.	5.4	19
13	Structural Modifications of Matrine-Type Alkaloids. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 730-744.	2.4	19
14	Rhein functionalized magnetic chitosan as a selective solid phase extraction for determination isoflavones in soymilk. <i>Carbohydrate Polymers</i> , 2017, 165, 96-102.	10.2	18
15	Tertiary Enamides: Versatile and Available Substrates in Synthetic Chemistry. <i>Current Organic Synthesis</i> , 2019, 16, 70-97.	1.3	18
16	Electrostatic Self-Assembled Bracelet-Like Au@Pt Nanoparticles: An Efficient Electrocatalyst for Highly Sensitive Non-Enzymatic Hydrogen Peroxide Sensing. <i>ChemElectroChem</i> , 2020, 7, 1581-1589.	3.4	17
17	Biosynthesis of sucrose-6-acetate catalyzed by surfactant-coated <i>Candida rugosa</i> lipase immobilized on sol-gel supports. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 813-818.	3.4	15
18	Quantification of isoflavone glycosides and aglycones in rat plasma by LC-MS/MS: Troubleshooting of interference from food and its application to pharmacokinetic study of Semen Sojae Praeparatum extract. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 444-454.	2.8	15

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19	Redox-responsive hollow mesoporous silica nanoparticles constructed via host-guest interactions for controllable drug release. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 472-490.	3.5	15
20	Discovery of Novel IDH1 Inhibitor Through Comparative Structure-Based Virtual Screening. <i>Frontiers in Pharmacology</i> , 2020, 11, 579768.	3.5	15
21	Facile preparation of novel Pd nanowire networks on a polyaniline hydrogel for sensitive determination of glucose. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6849-6858.	3.7	15
22	Determination of Underivatized Long Chain Fatty Acids Using HPLC with an Evaporative Light Scattering Detector. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2012, 89, 183-187.	1.9	14
23	Optimization of technological parameters for preparation of lycopene microcapsules. <i>Journal of Food Science and Technology</i> , 2014, 51, 1318-1325.	2.8	14
24	Method for enhancing bioavailability of myricetin based on self-assembly of casein-myricetin nanomicelles. <i>IET Nanobiotechnology</i> , 2020, 14, 239-244.	3.8	13
25	Design, synthesis, antitumor activity and theoretical calculation of novel PI3Ka inhibitors. <i>Bioorganic Chemistry</i> , 2020, 98, 103737.	4.1	13
26	Novel triphenylamine-based fluorescent chemo-sensors for fast detection of thiophenols in vitro and in vivo. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 236, 118348.	3.9	12
27	Response surface methodology to design a selective enrichment broth for rapid detection of <i>Salmonella</i> spp. by SYBR Green TM real-time PCR. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4149-4158.	3.6	11
28	Screening of lipase inhibitors from bamboo leaves based on the magnetic ligand fishing combined with HPLC/MS. <i>Microchemical Journal</i> , 2020, 153, 104497.	4.5	11
29	Lupane Triterpenoids and a Diarylheptanoid from <i>Clematoclethra actinidioides</i> . <i>Planta Medica</i> , 2006, 72, 180-183.	1.3	9
30	Application of Frontal Affinity Chromatography to Study the Biomolecular Interactions with Trypsin. <i>Journal of Chromatographic Science</i> , 2015, 53, 898-902.	1.4	9
31	Denitrative Coupling Reaction: A Powerful Synthetic Tool in Functional Transformation. <i>Current Organic Chemistry</i> , 2019, 23, 1131-1150.	1.6	9
32	Supercritical CO ₂ : A novel environmentally friendly mutagen. <i>Journal of Microbiological Methods</i> , 2008, 75, 25-28.	1.6	8
33	Utilization of Nano-SiO ₂ as a Supporting Material for Immobilization of Porcine Pancreatic Lipase. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5837-5841.	0.9	7
34	Study on lipids transfer in aqueous enzyme hydrolysis soybean protein and oil extraction process. <i>Industrial Crops and Products</i> , 2019, 137, 203-207.	5.2	7
35	Enzymatic esterification of naringin and the properties of naringin esterified derivatization. <i>Industrial Crops and Products</i> , 2022, 176, 114372.	5.2	7
36	Hesperidin protects against cisplatin-induced cardiotoxicity in mice by regulating the p62-Keap1-Nrf2 pathway. <i>Food and Function</i> , 2022, 13, 4205-4215.	4.6	7

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37	Optimization of the liquid-liquid extraction of phosphatidyl-choline from rapeseed oil gums by response surface methodology. <i>Industrial Crops and Products</i> , 2013, 42, 500-506.	5.2	6
38	Copper Acetate Aerobic Oxidative Synthesis of Pyrido[1,2-a]benzimidazoles from Aminopyridines and Phenylboronic Acids. <i>Synlett</i> , 2019, 30, 1469-1473.	1.8	6
39	Pretreatment Camellia Seeds by Protease and Application to Extraction of Camellia Oil. <i>European Journal of Lipid Science and Technology</i> , 2021, 123, .	1.5	6
40	3D-QSAR, Molecular Docking, and MD Simulations of Anthraquinone Derivatives as PGAM1 Inhibitors. <i>Frontiers in Pharmacology</i> , 2021, 12, 764351.	3.5	6
41	A NEW TRYPSIN AFFINITY MONOLITHIC CAPILLARY COLUMN PREPARED FROM GLYCERYLSILANE PRECURSOR THROUGH SOL-GEL METHOD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 690-704.	1.0	5
42	Oxidatively rearranged cycloartane triterpenoids from the seeds of <i>Pseudolarix amabilis</i> . <i>Natural Product Research</i> , 2018, 32, 1817-1823.	1.8	5
43	NMR detection of fatty acids content in walnut oil and compared with liquid chromatography. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 2716-2726.	3.2	5
44	Preparation of chitooligosaccharides by α -amylase from chitosan with oxidative pretreatment. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	4
45	An amperometric nitrite sensing platform with enhanced sensitivity based on copper nanoparticle/nanostructured polyaniline hydrogel nanocomposite. <i>Ionics</i> , 2021, 27, 5297-5308.	2.4	4
46	Preparation of high-purity phosphatidylcholine from rapeseed oil gums by cation ion-exchange resin. <i>European Food Research and Technology</i> , 2014, 238, 1-7.	3.3	3
47	Study the effect of trypsin enzyme activity on the screening of applying frontal affinity chromatography. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 740-751.	7.5	3
48	Enzymatic acylation of flavone isolated from extractive of bamboo leaves with oleic acid and antioxidant activity of acylated product. <i>Engineering in Life Sciences</i> , 2019, 19, 66-72.	3.6	3
49	2-Amino-6-methylpyridinium 3-(4-hydroxy-3-methoxyphenyl)prop-2-enoate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3866-o3866.	0.2	2
50	Purification of Flavone C-Glycosides from Bamboo Leaves by Macroporous Adsorption Resin. <i>Asian Journal of Chemistry</i> , 2014, 26, 7221-7225.	0.3	2
51	Development and validation of a HPLC-LIV-ESI-MS method for the simultaneous quantitation of ten bioactive compounds in Dahuang Fuzi Tang. <i>Chinese Journal of Natural Medicines</i> , 2014, 12, 952-960.	1.3	2
52	Catalytic esterification performance of protease in micro-aqueous system. <i>Biotechnology Letters</i> , 2020, 42, 2157-2167.	2.2	1
53	Sequencing and analysis of mitochondrial genome of <i>Elaphe carinata</i> (Reptilia, Squamata, Colubridae). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 41-42.	0.4	0