

Dan Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3669531/publications.pdf>

Version: 2024-02-01

55
papers

888
citations

516710

16
h-index

501196

28
g-index

55
all docs

55
docs citations

55
times ranked

1162
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic regulation of lateral root development. <i>Plant Signaling and Behavior</i> , 2023, 18, .	2.4	5
2	The response surface optimization of exopolysaccharide produced by <i>Saccharomyces cerevisiae</i> Y3 and its partial characterization. <i>Preparative Biochemistry and Biotechnology</i> , 2022, 52, 566-577.	1.9	6
3	The response surface optimization of α -mannanase produced by <i>Weissella cibaria</i> F1 and its potential in juice clarification. <i>Preparative Biochemistry and Biotechnology</i> , 2022, 52, 1151-1159.	1.9	2
4	Study on the Matching Method of Agricultural Water and Land Resources from the Perspective of Total Water Footprint. <i>Water (Switzerland)</i> , 2022, 14, 1120.	2.7	5
5	Establishment of a subcutaneous adipogenesis model and distinct roles of LKB1 regulation on adipocyte lipid accumulation in high-altitude <i>Bos grunniens</i> . <i>Journal of Applied Animal Research</i> , 2022, 50, 167-176.	1.2	0
6	Purification, characterization and partial biological activities of exopolysaccharide produced by <i>Saccharomyces cerevisiae</i> Y3. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 777-787.	7.5	17
7	Measurement of Agricultural Water and Land Resource System Vulnerability with Random Forest Model Implied by the Seagull Optimization Algorithm. <i>Water (Switzerland)</i> , 2022, 14, 1575.	2.7	2
8	A highly selective and sensitive upconversion nanoprobe for monitoring hydroxyl radicals in living cells and the liver. <i>Science China Life Sciences</i> , 2021, 64, 434-442.	4.9	3
9	Ionic liquid([C12mim][PF6])-assisted synthesis of TiO ₂ /Ti ₂ O(PO ₄) ₂ nanosheets and the chemoresistive gas sensing of trimethylamine. <i>Mikrochimica Acta</i> , 2021, 188, 74.	5.0	13
10	Amygdala-based Functional Network Reveals Dissociated Neural Correlates of Consensual and Idiosyncratic Emotional Movie Experiences. <i>Neuroscience Bulletin</i> , 2021, 37, 729-734.	2.9	1
11	Fabrication of Dual-Barrier Planar Structure Diamond Schottky Diodes by Rapid Thermal Annealing. <i>IEEE Transactions on Electron Devices</i> , 2021, 68, 1176-1180.	3.0	4
12	Characterization of exopolysaccharides produced by <i>Weissella confusa</i> XG-3 and their potential biotechnological applications. <i>International Journal of Biological Macromolecules</i> , 2021, 178, 306-315.	7.5	26
13	Actatins A ⁺ , Cycloartane Triterpenes From <i>Actaea asiatica</i> With Their Antiproliferative Activity. <i>Frontiers in Chemistry</i> , 2021, 9, 695456.	3.6	1
14	Ablation of KDM2A Inhibits Preadipocyte Proliferation and Promotes Adipogenic Differentiation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9759.	4.1	2
15	Fertilizer and pesticide reduction in cherry tomato production to achieve multiple environmental benefits in Guangxi, China. <i>Science of the Total Environment</i> , 2021, 793, 148527.	8.0	31
16	Five New Terpenes with Cytotoxic Activity from <i>Pestalotiopsis</i> sp.. <i>Molecules</i> , 2021, 26, 7229.	3.8	2
17	In situ deposited hierarchical CuO/NiO nanowall arrays film sensor with enhanced gas sensing performance to H ₂ S. <i>Journal of Hazardous Materials</i> , 2020, 385, 121570.	12.4	140
18	Optimization production of exopolysaccharide from <i>Leuconostoc lactis</i> L2 and its partial characterization. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 630-639.	7.5	22

#	ARTICLE	IF	CITATIONS
19	Purification, biochemical and secondary structural characterisation of Î ² -mannanase from <i>Lactobacillus casei</i> HDS-01 and juice clarification potential. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 826-834.	7.5	18
20	The response surface optimization of exopolysaccharide produced by <i>Weissella confusa</i> XG-3 and its rheological property. <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 1014-1022.	1.9	14
21	Nanocone Structures Enhancing Nitrogen-Vacancy Center Emissions in Diamonds. <i>Coatings</i> , 2020, 10, 513.	2.6	3
22	Molecular Species Delimitation of the Genus <i>Reishia</i> (Mollusca: Gastropoda) along the Coasts of China and Korea. <i>Zoological Science</i> , 2020, 37, 382.	0.7	1
23	Shell variations in the gastropod, <i>Monodonta labio</i> , in the North-western Pacific: the important role of temperature in the evolution process. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 1591-1599.	0.8	6
24	Ohmic Contact of Pt/Au on Hydrogen-Terminated Single Crystal Diamond. <i>Coatings</i> , 2019, 9, 539.	2.6	6
25	Purification and characterization of an exopolysaccharide from <i>Leuconostoc lactis</i> L2. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 1224-1231.	7.5	41
26	The response surface optimization of Î ² -mannanase produced by <i>Lactobacillus casei</i> HDS-01 and its potential in juice clarification. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 202-207.	1.9	11
27	Production of Pectinolytic Enzymes by Two <i>Bacillus</i> spp. Strains and Their Application in Flax Degumming. <i>Transactions of Tianjin University</i> , 2019, 25, 413-419.	6.4	8
28	<i>Lactobacillus casei</i> starter culture improves vitamin content, increases acidity and decreases nitrite concentration during sauerkraut fermentation. <i>International Journal of Food Science and Technology</i> , 2018, 53, 1925-1931.	2.7	23
29	Preparation of toughened polypropylene-g-poly(butyl acrylate-co-acrylated castor oil) by suspension grafting polymerization. <i>Polymer Engineering and Science</i> , 2018, 58, 86-93.	3.1	4
30	One pair of new cyclopentaisochromenone enantiomer from <i>Alternaria</i> sp. TNXY-P-1 and their cytotoxic activity. <i>Journal of Asian Natural Products Research</i> , 2018, 20, 328-336.	1.4	6
31	A graphene quantum dots based electrochemiluminescence immunosensor for carcinoembryonic antigen detection using poly(5-formylindole)/reduced graphene oxide nanocomposite. <i>Biosensors and Bioelectronics</i> , 2018, 101, 123-128.	10.1	99
32	Bacterial diversity and community structure during fermentation of Chinese sauerkraut with <i>Lactobacillus casei</i> 11MZ-5-1 by Illumina Miseq sequencing. <i>Letters in Applied Microbiology</i> , 2018, 66, 55-62.	2.2	23
33	Iron-Pillared Montmorillonite As An Inexpensive Catalyst For 2-Nitrophenol Reduction. <i>Clays and Clay Minerals</i> , 2018, 66, 415-425.	1.3	6
34	Two new C21 steroidal glycosides isolated from <i>Cynanchum komarovii</i> . <i>Chinese Journal of Natural Medicines</i> , 2018, 16, 610-614.	1.3	4
35	<i>Lactobacillus paracasei</i> HD1.7 used as a starter modulates the bacterial community and metabolome profile during fermentation of Chinese cabbage. <i>Letters in Applied Microbiology</i> , 2018, 67, 411-419.	2.2	8
36	Flax retting by degumming composite enzyme produced by <i>Bacillus licheniformis</i> HDYM-04 and effect on fiber properties. <i>Journal of the Textile Institute</i> , 2017, 108, 507-510.	1.9	12

#	ARTICLE	IF	CITATIONS
37	Two pairs of enantiomeric Î±-pyrone dimers from the endophytic fungus <i>Phoma</i> sp. YN02-P-3. <i>RSC Advances</i> , 2017, 7, 1943-1946.	3.6	9
38	Three new amino acid derivatives from edible mushroom <i>Pleurotus ostreatus</i> . <i>Journal of Asian Natural Products Research</i> , 2017, 19, 1160-1171.	1.4	6
39	Methanol/Oxygen Enzymatic Biofuel Cell Using Laccase and NAD ⁺ -Dependent Dehydrogenase Cascades as Biocatalysts on Carbon Nanodots Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40978-40986.	8.0	39
40	Î±-Pyrone derivatives with cytotoxic activities, from the endophytic fungus <i>Phoma</i> sp. YN02-P-3. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3723-3725.	2.2	37
41	C 21 steroidal glycosides from the roots of <i>Cynanchum paniculatum</i> . <i>Fä-toterapÄ-t</i> , 2016, 113, 51-57.	2.2	16
42	Kinetic study of a Î²-mannanase from the <i>Bacillus licheniformis</i> HDYM-04 and its decolorization ability of twenty-two structurally different dyes. <i>SpringerPlus</i> , 2016, 5, 1824.	1.2	6
43	Electrochemical immunosensor for the carcinoembryonic antigen based on a nanocomposite consisting of reduced graphene oxide, gold nanoparticles and poly(indole-6-carboxylic) Tj ETQq1 1507843146gBT /Ove		
44	Bacterial succession and metabolite changes during flax (<i>Linum usitatissimum</i> L.) retting with <i>Bacillus cereus</i> HDYM-02. <i>Scientific Reports</i> , 2016, 6, 31812.	3.3	22
45	Impact of <i>Lactobacillus paracasei</i> HD1.7 as a Starter Culture on Characteristics of Fermented Chinese Cabbage (<i>Brassica rapa</i> var. <i>pekinensis</i>). <i>Food Science and Technology Research</i> , 2016, 22, 325-330.	0.6	15
46	Bio-chemical characterization of a Î²-mannanase from <i>Bacillus licheniformis</i> HDYM-04 isolated from flax water-retting liquid and its decolorization ability of dyes. <i>RSC Advances</i> , 2016, 6, 23612-23621.	3.6	13
47	Ultraviolet light triggers the conversion of Cu ²⁺ -bound A ²⁴² aggregates into cytotoxic species in a copper chelation-independent manner. <i>Scientific Reports</i> , 2015, 5, 13897.	3.3	3
48	Mating system patterns of natural populations of <i>Pinus koraiensis</i> along its post-glacial colonization route in northeastern China. <i>Genetics and Molecular Research</i> , 2015, 14, 4113-4124.	0.2	1
49	Phylogeography of the Rock Shell <i>Thais clavigera</i> (Mollusca): Evidence for Long-Distance Dispersal in the Northwestern Pacific. <i>PLoS ONE</i> , 2015, 10, e0129715.	2.5	23
50	Synthesis of novel s-triazine/carbazole based bipolar molecules and their application in phosphorescent OLEDs. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6563-6571.	2.2	4
51	Induction of a white laccase from the deuteromycete <i>Myrothecium verrucaria</i> NF-05 and its potential in decolorization of dyes. <i>Biocatalysis and Biotransformation</i> , 2014, 32, 214-221.	2.0	9
52	Characterisation of a Novel White Laccase from the Deuteromycete Fungus <i>Myrothecium verrucaria</i> NF-05 and Its Decolourisation of Dyes. <i>PLoS ONE</i> , 2012, 7, e38817.	2.5	53
53	Construction of a framework map for <i>Pinus koraiensis</i> Sieb. et Zucc. using SRAP, SSR and ISSR markers. <i>Trees - Structure and Function</i> , 2010, 24, 685-693.	1.9	18
54	Development of <i>Pinus koraiensis</i> SSR Primers Based on EST-SSR Information Technology. <i>Advanced Materials Research</i> , 0, 183-185, 259-266.	0.3	0

#	ARTICLE	IF	CITATIONS
55	Study on Mating System of <i>Pinus koraiensis</i> in Natural Population Based on cpSSR Technology. <i>Advanced Materials Research</i> , 0, 183-185, 700-704.	0.3	3