

Jiaxin Zhang

List of Publications by Year in descending order

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38
papers

833
citations

567281

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times ranked

1079
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating Carbon, Nitrogen, and Phosphorus Contents of West-East Grassland Transect in Inner Mongolia Based on Sentinel-2 and Meteorological Data. <i>Remote Sensing</i> , 2022, 14, 242.	4.0	4
2	Synergistic Lewis acid-base sites of ultrathin porous Co ₃ O ₄ nanosheets with enhanced peroxidase-like activity. <i>Nano Research</i> , 2021, 14, 3514-3522.	10.4	45
3	Evaluation of the effect of antibiotics on gut microbiota in early life based on culturomics, SMRT sequencing and metagenomics sequencing methods. <i>Analytical Methods</i> , 2021, 13, 5144-5156.	2.7	2
4	A Colorimetric Strategy Based on Aptamer-Catalyzed Hairpin Assembly for the On-Site Detection of <i>Salmonella typhimurium</i> in Milk. <i>Foods</i> , 2021, 10, 2539.	4.3	12
5	Deep Reinforcement Learning-Based Mobility-Aware Robust Proactive Resource Allocation in Heterogeneous Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020, 6, 408-421.	7.9	23
6	Collaborative Transmission in Hybrid Satellite-Terrestrial Networks: Design and Implementation. , 2020, , .		6
7	Double-edge intelligent integrated satellite terrestrial networks. <i>China Communications</i> , 2020, 17, 128-146.	3.2	26
8	Convergence of Satellite and Terrestrial Networks: A Comprehensive Survey. <i>IEEE Access</i> , 2020, 8, 5550-5588.	4.2	94
9	An Event-driven and User Behavior-empowered Hybrid Recommendation System Based on Voluntary Service. , 2020, , .		0
10	Facile Synthesis of a Polycatenane Compound Based on Ag-triazole Complexes and Phosphomolybdic Acid for the Catalytic Epoxidation of Olefins with Molecular Oxygen. <i>Catalysts</i> , 2019, 9, 568.	3.5	7
11	Chlorogenic acid prevents paraquat-induced apoptosis via Sirt1-mediated regulation of redox and mitochondrial function. <i>Free Radical Research</i> , 2019, 53, 680-693.	3.3	27
12	Three-dimensional multiple access method for joint radar and communication enabled V2X network. , 2019, , .		3
13	Reinforcement Learning Based Congestion Control in Satellite Internet of Things. , 2019, , .		5
14	Mobile Traffic Prediction Based on Densely Connected CNN for Cellular Networks in Highway Scenarios. , 2019, , .		7
15	Performance Analysis of Task Offloading in Double-Edge Satellite-Terrestrial Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019, , 531-540.	0.3	1
16	Plant small RNAs: definition, classification and response against stresses. <i>Biologia (Poland)</i> , 2018, 73, 285-294.	1.5	8
17	Functional analysis of overexpressed PtDRS1 involved in abiotic stresses enhances growth in transgenic poplar. <i>Plant Physiology and Biochemistry</i> , 2018, 126, 22-31.	5.8	14
18	Functional analyses of PtRDM1 gene overexpression in poplars and evaluation of its effect on DNA methylation and response to salt stress. <i>Plant Physiology and Biochemistry</i> , 2018, 127, 64-73.	5.8	13

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19	Design and Analysis of Cooperative Multicast-Unicast Transmission Scheme in Hybrid Satellite-Terrestrial Networks. , 2018, , .		8
20	Identification and characterization of a gamma-interferon-inducible lysosomal thiol reductase homolog from guinea pig (<i>Cavia porcellus</i>) that exhibits thiol reductase activity in vitro. <i>Research in Veterinary Science</i> , 2017, 111, 81-84.	1.9	3
21	Information Caching Strategy for Cyber Social Computing Based Wireless Networks. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2017, 5, 391-402.	4.6	32
22	Functional analyses of NDPK2 in <i>Populus trichocarpa</i> and overexpression of PtNDPK2 enhances growth and tolerance to abiotic stresses in transgenic poplar. <i>Plant Physiology and Biochemistry</i> , 2017, 117, 61-74.	5.8	17
23	Selective cytotoxicity of the antibacterial peptide ABP- dHC -Cecropin A and its analog towards leukemia cells. <i>European Journal of Pharmacology</i> , 2017, 803, 138-147.	3.5	17
24	Expression and characterization of the antimicrobial peptide ABP-dHC-cecropin A in the methylophilic yeast <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2017, 140, 44-51.	1.3	19
25	Identification, characterization and bioactivity of tumor necrosis factor (TNF)-related apoptosis-inducing ligand from <i>Equus caballus</i> . <i>Developmental and Comparative Immunology</i> , 2017, 67, 340-349.	2.3	2
26	Macro-Assisted Millimeter-Wave Small Cell Discovery in Ultra Dense Wireless Network. , 2017, , .		1
27	Social-aware cache information processing for 5G ultra-dense networks. , 2016, , .		15
28	Edge aware cross-tier base station cooperation in heterogeneous wireless networks with non-uniformly distributed nodes. <i>IET Communications</i> , 2016, 10, 1896-1903.	2.2	7
29	High-level SUMO-mediated fusion expression of ABP-dHC-cecropin A from multiple joined genes in <i>Escherichia coli</i> . <i>Analytical Biochemistry</i> , 2016, 509, 15-23.	2.4	11
30	Cache-enabled Software Defined Heterogeneous Networks for Green and Flexible 5G Networks. <i>IEEE Access</i> , 2016, , 1-1.	4.2	40
31	Macro-assisted data-only carrier for 5G green cellular systems. <i>IEEE Communications Magazine</i> , 2015, 53, 223-231.	6.1	198
32	A novel inclusion complex (β -CD/ABP-dHC-cecropin A) with antibiotic properties for use as an anti-Agrobacterium additive in transgenic poplar rooting medium. <i>Enzyme and Microbial Technology</i> , 2015, 81, 72-79.	3.2	5
33	Expression of the chickpea CarNAC3 gene enhances salinity and drought tolerance in transgenic poplars. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 141-154.	2.3	64
34	Molecular structure, chemical synthesis, and antibacterial activity of ABP-dHC-cecropin A from drury (<i>Hyphantria cunea</i>). <i>Peptides</i> , 2015, 68, 197-204.	2.4	18
35	An energy efficient hybrid transmission scheme for wireless VoD service under QoS constraints. , 2014, , .		1
36	Energy-Efficient Design in Heterogeneous Cellular Networks Based on Large-Scale User Behavior Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2014, 13, 4746-4757.	9.2	33

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37	Cloning and characterization of a thaumatin-like protein gene PeTLP in <i>Populus deltoides</i> — <i>Populus euramericana</i> cv. "Nanlin895"™. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 2985-2998.	2.1	12
38	Enhanced glucosamine production by <i>Aspergillus</i> sp. BCRC 31742 based on the time-variant kinetics analysis of dissolved oxygen level. <i>Bioresource Technology</i> , 2012, 111, 507-511.	9.6	33