

Zheng Li

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,632
citations

257450

24
h-index

315739

38
g-index

74
all docs

74
docs citations

74
times ranked

2068
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of nano bacterial cellulose from waste water of candied jujube-processing industry using <i>Acetobacter xylinum</i> . <i>Carbohydrate Polymers</i> , 2015, 120, 115-119.	10.2	124
2	Preparation and properties of EDC/NHS mediated crosslinking poly (gamma-glutamic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (acid	7.3	114
3	Aucubin inhibited lipid accumulation and oxidative stress via Nrf2/HO-1 and AMPK signalling pathways. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4063-4075.	3.6	104
4	Unraveling sorption of Cr (VI) from aqueous solution by FeCl ₃ and ZnCl ₂ -modified corn stalks biochar: Implicit mechanism and application. <i>Bioresource Technology</i> , 2020, 297, 122466.	9.6	91
5	Protective effects of morin on lipopolysaccharide/d-galactosamine-induced acute liver injury by inhibiting TLR4/NF- κ B and activating Nrf2/HO-1 signaling pathways. <i>International Immunopharmacology</i> , 2017, 45, 148-155.	3.8	71
6	A Period-Reconfigurable Leaky-Wave Antenna With Fixed-Frequency and Wide-Angle Beam Scanning. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 3720-3732.	5.1	68
7	Geniposide alleviates non-alcohol fatty liver disease via regulating Nrf2/AMPK/mTOR signalling pathways. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5097-5108.	3.6	66
8	Impacts of geological conditions on instability causes and mechanical behavior of large-scale tunnels: a case study from the Sichuan-Tibet highway, China. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 3667-3688.	3.5	59
9	A Simple Two-Step Method for the Selective Conversion of Hemicellulose in <i>Pubescens</i> to Furfural. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8137-8147.	6.7	50
10	A thread/fabric-based band as a flexible and wearable microfluidic device for sweat sensing and monitoring. <i>Lab on A Chip</i> , 2021, 21, 916-932.	6.0	46
11	Preparation of \hat{I}^3 -PGA hydrogels and swelling behaviors in salt solutions with different ionic valence numbers. <i>RSC Advances</i> , 2017, 7, 11085-11093.	3.6	43
12	Abnormal Development of Tapetum and Microspores Induced by Chemical Hybridization Agent SQ-1 in Wheat. <i>PLoS ONE</i> , 2015, 10, e0119557.	2.5	42
13	Loganin inhibits the inflammatory response in mouse 3T3L1 adipocytes and mouse model. <i>International Immunopharmacology</i> , 2016, 36, 173-179.	3.8	35
14	Gentiopicroside Ameliorates Oxidative Stress and Lipid Accumulation through Nuclear Factor Erythroid 2-Related Factor 2 Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	4.0	35
15	A Ka-Band Circularly Polarized Fixed-Frequency Beam-Scanning Leaky-Wave Antenna Based on Groove Gap Waveguide With Consistent High Gains. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 1959-1969.	5.1	34
16	Rosmarinic acid protects mice from lipopolysaccharide/d-galactosamine-induced acute liver injury by inhibiting MAPKs/NF- κ B and activating Nrf2/HO-1 signaling pathways. <i>International Immunopharmacology</i> , 2019, 67, 465-472.	3.8	33
17	Quantum cryptanalysis on some generalized Feistel schemes. <i>Science China Information Sciences</i> , 2019, 62, 1.	4.3	32
18	Chicoric acid ameliorate inflammation and oxidative stress in Lipopolysaccharide and d-galactosamine induced acute liver injury. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 3022-3033.	3.6	32

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19	A Wearable Sensor Based on Gold Nanowires/Textile and Its Integrated Smart Glove for Motion Monitoring and Gesture Expression. <i>Energy Technology</i> , 2021, 9, 2100166.	3.8	32
20	Biomedical Potential of Ultrafine Ag Nanoparticles Coated on Poly (Gamma-Glutamic Acid) Hydrogel with Special Reference to Wound Healing. <i>Nanomaterials</i> , 2018, 8, 324.	4.1	31
21	Planar Annular Leaky-Wave Antenna Array With Conical Beam. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 5405-5414.	5.1	30
22	Magnolol Alleviates Inflammatory Responses and Lipid Accumulation by AMP-Activated Protein Kinase-Dependent Peroxisome Proliferator-Activated Receptor α Activation. <i>Frontiers in Immunology</i> , 2018, 9, 147.	4.8	28
23	Design and Optimization of Flexible Polypyrrole/Bacterial Cellulose Conductive Nanocomposites Using Response Surface Methodology. <i>Polymers</i> , 2019, 11, 960.	4.5	28
24	Immunomodulatory activity of macromolecular polysaccharide isolated from <i>Grifola frondosa</i> . <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 906-914.	1.3	27
25	Comparative proteomic analysis of a membrane-enriched fraction from flag leaves reveals responses to chemical hybridization agent SQ-1 in wheat. <i>Frontiers in Plant Science</i> , 2015, 6, 669.	3.6	23
26	Picoside II Protects Rat Lung and A549 Cell Against LPS-Induced Inflammation by the NF- κ B Pathway. <i>Inflammation</i> , 2017, 40, 752-761.	3.8	22
27	Effects of β -Valerolactone/H ₂ O Solvent on the Degradation of <i>G. pubescens</i> for Its Fullest Utilization. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6094-6103.	5.2	22
28	The protective effects of Shikonin on lipopolysaccharide/galactosamine-induced acute liver injury via inhibiting MAPK and NF- κ B and activating Nrf2/HO-1 signaling pathways. <i>RSC Advances</i> , 2017, 7, 34846-34856.	3.6	21
29	The Promotion Effect of NaCl on the Conversion of Xylose to Furfural. <i>Chinese Journal of Chemistry</i> , 2020, 38, 178-184.	4.9	21
30	Novel Biological Hydrogel: Swelling Behaviors Study in Salt Solutions with Different Ionic Valence Number. <i>Polymers</i> , 2018, 10, 112.	4.5	20
31	Capacitance Loss Mechanism and Prediction Based on Electrochemical Corrosion in Metallized Film Capacitors. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2021, 28, 654-662.	2.9	20
32	Identification and Functional Analysis of the CLAVATA3/EMBRYO SURROUNDING REGION (CLE) Gene Family in Wheat. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4319.	4.1	18
33	Effect of Sc and Zr on Microstructure and Mechanical Properties of Al-Cu Alloys. <i>Advanced Engineering Materials</i> , 2018, 20, 1700898.	3.5	17
34	Morin reduces inflammatory responses and alleviates lipid accumulation in hepatocytes. <i>Journal of Cellular Physiology</i> , 2019, 234, 19785-19798.	4.1	15
35	A combined method for reliability analysis of multi-state system of minor-repairable components. <i>Eksplotacja i Niezawodność</i> , 2016, 18, 80-88.	2.0	13
36	Repression of Human Hepatocellular Carcinoma Growth by Regulating Met/EGFR/VEGFR-Akt/NF- κ B Pathways with Theanine and Its Derivative, (R)-2-(6,8-Dibromo-2-oxo-2H-chromene-3-carboxamido)-5-(ethylamino)-5-oxopentanoic Ethyl Ester (DTBrC). <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7002-7013.	5.2	12

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37	Batch process monitoring using multiway Laplacian autoencoders. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 1269-1279.	1.7	12
38	Knowledge atlas of post-traumatic epilepsy research: Based on citespace visualization analysis. <i>Epilepsy Research</i> , 2021, 178, 106790.	1.6	12
39	Reliability and Sensitivity Analysis Method for a Multistate System with Common Cause Failure. <i>Complexity</i> , 2019, 2019, 1-8.	1.6	11
40	Leaky Rectangular Waveguide With Circular Polarization Property. <i>IEEE Transactions on Antennas and Propagation</i> , 2015, 63, 5098-5101.	5.1	10
41	Comparative proteomic analysis of multi-ovary wheat under heterogeneous cytoplasm suppression. <i>BMC Plant Biology</i> , 2019, 19, 175.	3.6	7
42	Formation and in situ separation of oligomeric products from complete depolymerization of pubescens using a catalyst-free biphasic system. <i>Cellulose</i> , 2020, 27, 1951-1964.	4.9	7
43	Computer Simulation of the Epitaxy of Surfactant-Templated Inorganic Nanomaterials on Patterned Surfaces. <i>Langmuir</i> , 2009, 25, 1998-2006.	3.5	6
44	MILP-aided cube-attack-like cryptanalysis on Keccak Keyed modes. <i>Designs, Codes, and Cryptography</i> , 2019, 87, 1271-1296.	1.6	6
45	Online prediction of quality-related variables for batch processes using a sequential phase partition method. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 2483-2497.	1.7	6
46	Reliability Modeling for Multistate System with Preventive Maintenance under Customer Demand. <i>Complexity</i> , 2020, 2020, 1-9.	1.6	6
47	Dual-Band Fixed-Frequency Beam-Scanning Leaky-Wave Antenna for Large-Frequency-Ratio Microwave and Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 7458-7467.	5.1	6
48	Conditional cube attack on round-reduced River Keyak. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 1295-1310.	1.6	5
49	The effect of sodium chloride concentration on the mutarotation and structure of d-xylose in water: Experimental and theoretical investigation. <i>Carbohydrate Research</i> , 2020, 489, 107941.	2.3	5
50	Isolation and Identification of a TaTDR-Like Wheat Gene Encoding a bHLH Domain Protein, Which Negatively Regulates Chlorophyll Biosynthesis in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 629.	4.1	5
51	Simulated Method for Reliability Evaluation of Multi-State Coherent System. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 1363-1371.	1.5	4
52	A Modified Particle Swarm Optimization with Elite Archive for Typical Multi-Objective Problems. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 2351-2361.	1.5	4
53	Morphological and proteomic analysis of young spikes reveals new insights into the formation of multiple-pistil wheat. <i>Plant Science</i> , 2020, 296, 110503.	3.6	4
54	Broadband Fixed-Beam Leaky-Wave Antenna With Consistent and High Gain Based on Ridge Gap Waveguide. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 1925-1929.	4.0	4

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55	A histidine-rich elastin-like polypeptide functions as a quickly detectable and easily purifiable protein fusion tag. <i>Biochemical and Biophysical Research Communications</i> , 2018, 507, 343-347.	2.1	3
56	A Prefabricated Underground Cylindrical Garage and a Corresponding Stiffness Analysis. <i>International Journal of Steel Structures</i> , 2020, 20, 954-968.	1.3	3
57	Identification of MicroRNA-Potassium Channel Messenger RNA Interactions in the Brain of Rats With Post-traumatic Epilepsy. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 610090.	2.9	3
58	Investigation of Corrosion Rate and Rust Expansion Form of Segment Reinforcement for Shield Tunnel by Combined Action of Soil Loading, Chloride Ion and Stray Current. <i>Sustainability</i> , 2021, 13, 3444.	3.2	3
59	A low-cost and effective seeding technique using protective core for restoration of <i>Zostera marina</i> habitats. <i>Aquatic Ecosystem Health and Management</i> , 2020, 23, 341-349.	0.6	3
60	A TE ₁₀ -Mode Groove-Gap-Waveguide-Based Wideband Fixed-Frequency Beam-Scanning Leaky-Wave Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 4171-4180.	5.1	3
61	Location Sensitive Regression Algorithm for Multi-oriented Scene Text Detection with Focal Loss. , 2019, , .		2
62	Protection Mechanism in Reliability Evaluation Approach to Multistate System with Common Cause Failure. <i>Complexity</i> , 2021, 2021, 1-12.	1.6	2
63	Moisture Induced Weight Gain Relation to Capacitance Loss Characteristic of Film Capacitors under Harsh Environment. , 2021, , .		2
64	Band Gap Analysis of Improved Point-Supporting Structure for Floating-Slab Track Through Theoretical Model. <i>Journal of Vibration Engineering and Technologies</i> , 2022, 10, 55-69.	2.2	2
65	A liquid crystal leaky-wave antenna with fixed-frequency beam scanning and open-stop-band suppression. <i>Liquid Crystals</i> , 2022, 49, 1403-1410.	2.2	2
66	Vibration-reduction optimization of the point-supporting floating-slab track based on local resonance mechanism. <i>JVC/Journal of Vibration and Control</i> , 2023, 29, 1176-1190.	2.6	2
67	Parameter Detection Model and Simulation of Energy Storage Lithium Battery Considering Thermal Characteristics. , 2019, , .		1
68	Semi-analytical solutions of ultimate load for a rectangular concrete-filled tubular column subjected to eccentric compression. <i>European Journal of Environmental and Civil Engineering</i> , 2020, 24, 1664-1691.	2.1	1
69	Analysis of the Mechanical Characteristics of Different Track Bed Types in Heavy-Haul Railway Tunnels. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-11.	1.1	1
70	The process of waste water with benzyls by comamonas testosteroni. , 2011, , .		0
71	System analysis and image processing for millimeter-wave holographi imaging. , 2014, , .		0
72	An analytical method for quantitative reconstruction of X-ray fluorescence computed tomography with attenuation correction. , 2015, , .		0

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73	Generation of Radiation Null for Periodic Leaky-Wave Antennas. , 2019, , .		0
74	An Efficient Universal Generating Function-Based Analyzing Approach for Multistate System with Imperfect Coverage Failure. Complexity, 2021, 2021, 1-10.	1.6	0