

# Yan Zhu

## List of Publications by Year in descending order

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198  
papers

5,922  
citations

71102

41  
h-index

118850

62  
g-index

203  
all docs

203  
docs citations

203  
times ranked

7435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of convolutional neural network in the diagnosis of the invasion depth of gastric cancer based on conventional endoscopy. <i>Gastrointestinal Endoscopy</i> , 2019, 89, 806-815.e1.	1.0	265
2	Central Doping of a Foreign Atom into the Silver Cluster for Catalytic Conversion of CO <sub>2</sub> toward C-C Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9775-9779.	13.8	151
3	Balancing Herbal Medicine and Functional Food for Prevention and Treatment of Cardiometabolic Diseases through Modulating Gut Microbiota. <i>Frontiers in Microbiology</i> , 2017, 8, 2146.	3.5	148
4	A Wheat Spike Detection Method in UAV Images Based on Improved YOLOv5. <i>Remote Sensing</i> , 2021, 13, 3095.	4.0	120
5	Proteome Reference Map and Comparative Proteomic Analysis between a Wild Type <i>Clostridium acetobutylicum</i> DSM 1731 and its Mutant with Enhanced Butanol Tolerance and Butanol Yield. <i>Journal of Proteome Research</i> , 2010, 9, 3046-3061.	3.7	119
6	Evaluation of RGB, Color-Infrared and Multispectral Images Acquired from Unmanned Aerial Systems for the Estimation of Nitrogen Accumulation in Rice. <i>Remote Sensing</i> , 2018, 10, 824.	4.0	115
7	Wheat Growth Monitoring and Yield Estimation based on Multi-Rotor Unmanned Aerial Vehicle. <i>Remote Sensing</i> , 2020, 12, 508.	4.0	114
8	Discovery of a super-strong promoter enables efficient production of heterologous proteins in cyanobacteria. <i>Scientific Reports</i> , 2014, 4, 4500.	3.3	112
9	Formic Acid Triggers the "Acid Crash" of Acetone-Butanol-Ethanol Fermentation by <i>Clostridium acetobutylicum</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 1674-1680.	3.1	108
10	Antimicrobial Peptides: An Update on Classifications and Databases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11691.	4.1	106
11	Estimation of Wheat LAI at Middle to High Levels Using Unmanned Aerial Vehicle Narrowband Multispectral Imagery. <i>Remote Sensing</i> , 2017, 9, 1304.	4.0	102
12	Yes-Associated Protein Promotes Angiogenesis via Signal Transducer and Activator of Transcription 3 in Endothelial Cells. <i>Circulation Research</i> , 2018, 122, 591-605.	4.5	98
13	Network pharmacology exploration reveals endothelial inflammation as a common mechanism for stroke and coronary artery disease treatment of Danhong injection. <i>Scientific Reports</i> , 2017, 7, 15427.	3.3	84
14	A Comparative Assessment of Different Modeling Algorithms for Estimating Leaf Nitrogen Content in Winter Wheat Using Multispectral Images from an Unmanned Aerial Vehicle. <i>Remote Sensing</i> , 2018, 10, 2026.	4.0	84
15	Anti-sepsis protection of Xuebijing injection is mediated by differential regulation of pro- and anti-inflammatory Th17 and T regulatory cells in a murine model of polymicrobial sepsis. <i>Journal of Ethnopharmacology</i> , 2018, 211, 358-365.	4.1	83
16	Polymyxin Resistance in <i>Acinetobacter baumannii</i> : Genetic Mutations and Transcriptomic Changes in Response to Clinically Relevant Dosage Regimens. <i>Scientific Reports</i> , 2016, 6, 26233.	3.3	82
17	Modulating the hierarchical fibrous assembly of Au nanoparticles with atomic precision. <i>Nature Communications</i> , 2018, 9, 3871.	12.8	77
18	Targeted delivery of nitric oxide via a "bump-and-hole"-based enzyme-prodrug pair. <i>Nature Chemical Biology</i> , 2019, 15, 151-160.	8.0	76

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19	Danshensu alleviates cardiac ischaemia/reperfusion injury by inhibiting autophagy and apoptosis via activation of mTOR signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1908-1919.	3.6	74
20	Functional Modification of Electrospun Poly( $\epsilon$ -caprolactone) Vascular Grafts with the Fusion Protein VEGF-HGFI Enhanced Vascular Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 11415-11427.	8.0	72
21	Predicting Rice Grain Yield Based on Dynamic Changes in Vegetation Indexes during Early to Mid-Growth Stages. <i>Remote Sensing</i> , 2019, 11, 387.	4.0	69
22	Engineering the robustness of industrial microbes through synthetic biology. <i>Trends in Microbiology</i> , 2012, 20, 94-101.	7.7	65
23	The importance of engineering physiological functionality into microbes. <i>Trends in Biotechnology</i> , 2009, 27, 664-672.	9.3	63
24	Proteomic Analyses To Reveal the Protective Role of Glutathione in Resistance of <i>Lactococcus lactis</i> to Osmotic Stress. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3177-3186.	3.1	63
25	Introducing a single secondary alcohol dehydrogenase into butanol-tolerant <i>Clostridium acetobutylicum</i> Rh8 switches ABE fermentation to high level IBE fermentation. <i>Biotechnology for Biofuels</i> , 2012, 5, 44.	6.2	63
26	Cyclic di-AMP synthesis by the diadenylate cyclase CdaA is modulated by the peptidoglycan biosynthesis enzyme GlmM in <i>Lactococcus lactis</i> . <i>Molecular Microbiology</i> , 2016, 99, 1015-1027.	2.5	61
27	Reversible Switching of Catalytic Activity by Shuttling an Atom into and out of Gold Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9964-9968.	13.8	61
28	Precisely Constructed Silver Active Sites in Gold Nanoclusters for Chemical Fixation of CO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10573-10576.	13.8	60
29	Traditional uses, phytochemistry, pharmacology and toxicology of the genus <i>Cimicifuga</i> : A review. <i>Journal of Ethnopharmacology</i> , 2017, 209, 264-282.	4.1	56
30	Controllable Conversion of CO <sub>2</sub> on Non-Metallic Gold Clusters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1919-1924.	13.8	55
31	De novo design of Au <sub>36</sub> (SR) <sub>24</sub> nanoclusters. <i>Nature Communications</i> , 2020, 11, 3349.	12.8	54
32	Controlling the oxidoreduction potential of the culture of <i>Clostridium acetobutylicum</i> leads to an earlier initiation of solventogenesis, thus increasing solvent productivity. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1021-1030.	3.6	53
33	Toward Community Standards and Software for Whole-Cell Modeling. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2007-2014.	4.2	51
34	The cardioprotective properties and the involved mechanisms of NaoXinTong Capsule. <i>Pharmacological Research</i> , 2019, 141, 409-417.	7.1	49
35	Hawthorn ( <i>Crataegus pinnatifida</i> Bunge) leave flavonoids attenuate atherosclerosis development in apoE knock-out mice. <i>Journal of Ethnopharmacology</i> , 2017, 198, 479-488.	4.1	48
36	Understanding the industrial application potential of lactic acid bacteria through genomics. <i>Applied Microbiology and Biotechnology</i> , 2009, 83, 597-610.	3.6	47

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37	Amelioration of cardiac dysfunction and ventricular remodeling after myocardial infarction by danhong injection are critically contributed by anti-TGF- $\beta$ -mediated fibrosis and angiogenesis mechanisms. <i>Journal of Ethnopharmacology</i> , 2016, 194, 559-570.	4.1	47
38	Ag <sub>2</sub> Au <sub>50</sub> (PET) <sub>36</sub> Nanocluster: Dimeric Assembly of Au <sub>25</sub> (PET) <sub>18</sub> Enabled by Silver Atoms. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13941-13946.	13.8	46
39	Atherosclerotic dyslipidemia revealed by plasma lipidomics on ApoE $\alpha^{\prime}/\alpha^{\prime}$ mice fed a high-fat diet. <i>Atherosclerosis</i> , 2017, 262, 78-86.	0.8	45
40	Ginsenoside Rg3 micelles mitigate doxorubicin-induced cardiotoxicity and enhance its anticancer efficacy. <i>Drug Delivery</i> , 2017, 24, 1617-1630.	5.7	45
41	Using a Portable Active Sensor to Monitor Growth Parameters and Predict Grain Yield of Winter Wheat. <i>Sensors</i> , 2019, 19, 1108.	3.8	45
42	Estimation of Rice Growth Parameters Based on Linear Mixed-Effect Model Using Multispectral Images from Fixed-Wing Unmanned Aerial Vehicles. <i>Remote Sensing</i> , 2019, 11, 1371.	4.0	44
43	Enhancing the Nitrogen Signals of Rice Canopies across Critical Growth Stages through the Integration of Textural and Spectral Information from Unmanned Aerial Vehicle (UAV) Multispectral Imagery. <i>Remote Sensing</i> , 2020, 12, 957.	4.0	44
44	Complete Genome Sequence of <i>Clostridium acetobutylicum</i> DSM 1731, a Solvent-Producing Strain with Multireplicon Genome Architecture. <i>Journal of Bacteriology</i> , 2011, 193, 5007-5008.	2.2	43
45	Mitochondrial dynamics modulation as a critical contribution for Shenmai injection in attenuating hypoxia/reoxygenation injury. <i>Journal of Ethnopharmacology</i> , 2019, 237, 9-19.	4.1	43
46	Activation of Adiponectin Receptor Regulates Proprotein Convertase Subtilisin/Kexin Type 9 Expression and Inhibits Lesions in ApoE-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1290-1300.	2.4	42
47	Inhibition of Vascular Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2382-2395.	2.4	41
48	Excitonic Au <sub>4</sub> Ru <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>8</sub> cluster for light-driven dinitrogen fixation. <i>Chemical Science</i> , 2020, 11, 2440-2447.	7.5	41
49	Sensitive and Simplified Detection of Antibiotic Influence on the Dynamic and Versatile Changes of Fecal Short-Chain Fatty Acids. <i>PLoS ONE</i> , 2016, 11, e0167032.	2.5	40
50	Functional interplay between liver X receptor and AMP-activated protein kinase $\pm$ inhibits atherosclerosis in apolipoprotein E-deficient mice $\alpha^{\prime}$ a new anti-atherogenic strategy. <i>British Journal of Pharmacology</i> , 2018, 175, 1486-1503.	5.4	39
51	Design and Test of a Soil Profile Moisture Sensor Based on Sensitive Soil Layers. <i>Sensors</i> , 2018, 18, 1648.	3.8	39
52	Evaluation of Aboveground Nitrogen Content of Winter Wheat Using Digital Imagery of Unmanned Aerial Vehicles. <i>Sensors</i> , 2019, 19, 4416.	3.8	38
53	Development of an Unmanned Aerial Vehicle-Borne Crop-Growth Monitoring System. <i>Sensors</i> , 2017, 17, 502.	3.8	37
54	Rapid Mosaicking of Unmanned Aerial Vehicle (UAV) Images for Crop Growth Monitoring Using the SIFT Algorithm. <i>Remote Sensing</i> , 2019, 11, 1226.	4.0	37

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55	Asymmetrically Doping a Platinum Atom into a Au <sub>38</sub> Nanocluster for Changing the Electron Configuration and Reactivity in Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	37
56	Specific Combination of Salvianolic Acids As Core Active Ingredients of Danhong Injection for Treatment of Arterial Thrombosis and Its Derived Dry Gangrene. <i>Frontiers in Pharmacology</i> , 2017, 8, 361.	3.5	36
57	Xuanfei Baidu Decoction protects against macrophages induced inflammation and pulmonary fibrosis via inhibiting IL-6/STAT3 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2022, 283, 114701.	4.1	36
58	The Evolution in Catalytic Activity Driven by Periodic Transformation in the Inner Sites of Gold Clusters. <i>Advanced Functional Materials</i> , 2019, 29, 1904242.	14.9	33
59	Quantifying Chlorophyll Fluorescence Parameters from Hyperspectral Reflectance at the Leaf Scale under Various Nitrogen Treatment Regimes in Winter Wheat. <i>Remote Sensing</i> , 2019, 11, 2838.	4.0	33
60	Enteric Nervous System: The Bridge Between the Gut Microbiota and Neurological Disorders. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 810483.	3.4	33
61	Metaproteomic strategies and applications for gut microbial research. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3077-3088.	3.6	30
62	Using an Active-Optical Sensor to Develop an Optimal NDVI Dynamic Model for High-Yield Rice Production (Yangtze, China). <i>Sensors</i> , 2017, 17, 672.	3.8	30
63	Tnfrsf12a-Mediated Atherosclerosis Signaling and Inflammatory Response as a Common Protection Mechanism of Shuxuening Injection Against Both Myocardial and Cerebral Ischemia-Reperfusion Injuries. <i>Frontiers in Pharmacology</i> , 2018, 9, 312.	3.5	30
64	LongShengZhi Capsule reduces carrageenan-induced thrombosis by reducing activation of platelets and endothelial cells. <i>Pharmacological Research</i> , 2019, 144, 167-180.	7.1	29
65	Shengmai injection alleviates H <sub>2</sub> O <sub>2</sub> -induced oxidative stress through activation of AKT and inhibition of ERK pathways in neonatal rat cardiomyocytes. <i>Journal of Ethnopharmacology</i> , 2019, 239, 111677.	4.1	29
66	Cd-driven surface reconstruction and photodynamics in gold nanoclusters. <i>Chemical Science</i> , 2021, 12, 3290-3294.	7.4	29
67	Danshen injection prevents heart failure by attenuating post-infarct remodeling. <i>Journal of Ethnopharmacology</i> , 2017, 205, 22-32.	4.1	28
68	Characterization of the Polymyxin D Synthetase Biosynthetic Cluster and Product Profile of <i>Paenibacillus polymyxa</i> ATCC 10401. <i>Journal of Natural Products</i> , 2017, 80, 1264-1274.	3.0	27
69	Early Detection of Powdery Mildew Disease and Accurate Quantification of Its Severity Using Hyperspectral Images in Wheat. <i>Remote Sensing</i> , 2021, 13, 3612.	4.0	27
70	Long-term evaluation of vascular grafts with circumferentially aligned microfibers in a rat abdominal aorta replacement model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2596-2604.	3.4	26
71	A Comparative Assessment of Measures of Leaf Nitrogen in Rice Using Two Leaf-Clip Meters. <i>Sensors</i> , 2020, 20, 175.	3.8	26
72	A preparation of Ginkgo biloba L. leaves extract inhibits the apoptosis of hippocampal neurons in post-stroke mice via regulating the expression of Bax/Bcl-2 and Caspase-3. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114481.	4.1	26

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73	Assessing the Spectral Properties of Sunlit and Shaded Components in Rice Canopies with Near-Ground Imaging Spectroscopy Data. <i>Sensors</i> , 2017, 17, 578.	3.8	25
74	Network Pharmacology-Guided Development of a Novel Integrative Regimen to Prevent Acute Graft-vs.-Host Disease. <i>Frontiers in Pharmacology</i> , 2018, 9, 1440.	3.5	25
75	Reactivity and Lability Modulated by a Valence Electron Moving in and out of 25-Atom Gold Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21135-21142.	13.8	25
76	Estimation of Canopy Biomass Components in Paddy Rice from Combined Optical and SAR Data Using Multi-Target Gaussian Regressor Stacking. <i>Remote Sensing</i> , 2020, 12, 2564.	4.0	25
77	Evolution from superatomic Au <sub>24</sub> Ag <sub>20</sub> monomers into molecular-like Au <sub>43</sub> Ag <sub>38</sub> dimeric nanoclusters. <i>Chemical Science</i> , 2022, 13, 2778-2782.	7.4	25
78	Danshensu Promotes Cholesterol Efflux in RAW264.7 Macrophages. <i>Lipids</i> , 2016, 51, 1083-1092.	1.7	24
79	Novel serotonin transporter regulators: Natural aristolane- and nardosinane- types of sesquiterpenoids from <i>Nardostachys chinensis</i> Batal. <i>Scientific Reports</i> , 2017, 7, 15114.	3.3	24
80	Group II Intron-Anchored Gene Deletion in <i>Clostridium</i> . <i>PLoS ONE</i> , 2011, 6, e16693.	2.5	24
81	A New Perspective on Thyroid Hormones: Crosstalk with Reproductive Hormones in Females. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2708.	4.1	24
82	Evaluation of Diverse Convolutional Neural Networks and Training Strategies for Wheat Leaf Disease Identification with Field-Acquired Photographs. <i>Remote Sensing</i> , 2022, 14, 3446.	4.0	24
83	Tetrahydroxystilbene Glucoside Delayed Senile Symptoms in Old Mice via Regulation of the AMPK/SIRT1/PGC-1 $\beta$ Signaling Cascade. <i>Gerontology</i> , 2018, 64, 457-465.	2.8	23
84	Evaluation of One-Class Support Vector Classification for Mapping the Paddy Rice Planting Area in Jiangsu Province of China from Landsat 8 OLI Imagery. <i>Remote Sensing</i> , 2018, 10, 546.	4.0	23
85	Use of an Active Canopy Sensor Mounted on an Unmanned Aerial Vehicle to Monitor the Growth and Nitrogen Status of Winter Wheat. <i>Remote Sensing</i> , 2020, 12, 3684.	4.0	23
86	Estimation of Leaf Nitrogen Content in Wheat Based on Fusion of Spectral Features and Deep Features from Near Infrared Hyperspectral Imagery. <i>Sensors</i> , 2021, 21, 613.	3.8	23
87	An integrated anti-arrhythmic target network of a Chinese medicine compound, Wenxin Keli, revealed by combined machine learning and molecular pathway analysis. <i>Molecular BioSystems</i> , 2017, 13, 1018-1030.	2.9	22
88	A new strategy for choosing "Q-markers" via network pharmacology, application to the quality control of a Chinese medical preparation. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 858-868.	1.9	22
89	The precise editing of surface sites on a molecular-like gold catalyst for modulating regioselectivity. <i>Chemical Science</i> , 2020, 11, 8000-8004.	7.4	22
90	Danhong injection attenuates cardiac injury induced by ischemic and reperfused neuronal cells through regulating arginine vasopressin expression and secretion. <i>Brain Research</i> , 2016, 1642, 516-523.	2.2	21

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91	An integrated evidence-based targeting strategy for determining combinatorial bioactive ingredients of a compound herbal medicine Qishen Yiqi dripping pills. <i>Journal of Ethnopharmacology</i> , 2018, 219, 288-298.	4.1	21
92	NaoXinTong Capsules inhibit the development of diabetic nephropathy in db/db mice. <i>Scientific Reports</i> , 2018, 8, 9158.	3.3	21
93	Plasma Protein Binding Structure–Activity Relationships Related to the N-Terminus of Daptomycin. <i>ACS Infectious Diseases</i> , 2017, 3, 249-258.	3.8	20
94	5- <sup>H</sup> Hydroxymethylcytosine profiling from genomic and cell-free DNA for colorectal cancers patients. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3530-3537.	3.6	20
95	LongShengZhi Capsule Reduces Established Atherosclerotic Lesions in apoE-Deficient Mice by Ameliorating Hepatic Lipid Metabolism and Inhibiting Inflammation. <i>Journal of Cardiovascular Pharmacology</i> , 2019, 73, 105-117.	1.9	20
96	Molecular mechanisms of apoptosis and autophagy elicited by combined treatment with oridonin and cetuximab in laryngeal squamous cell carcinoma. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 33-45.	4.9	20
97	Tuning Selectivity in Catalytic Conversion of CO <sub>2</sub> by One-Atom-Switching of Au <sub>9</sub> and Au <sub>8</sub> Pd Catalysts. <i>CCS Chemistry</i> , 2021, 3, 408-420.	7.8	20
98	Danhong Injection Protects Against Hypertension-Induced Renal Injury Via Down-Regulation of Myoglobin Expression in Spontaneously Hypertensive Rats. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 12-24.	2.0	19
99	Cardioprotection against Heart Failure by Shenfu Injection via TGF- $\beta$ /Smads Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-16.	1.2	18
100	Ability to Suppress TGF- $\beta$ -Activated Myofibroblast Differentiation Distinguishes the Anti-pulmonary Fibrosis Efficacy of Two Danshen-Containing Chinese Herbal Medicine Prescriptions. <i>Frontiers in Pharmacology</i> , 2019, 10, 412.	3.5	18
101	Danhong injection reduces vascular remodeling and up-regulates the Kallikrein-kinin system in spontaneously hypertensive rats. <i>Scientific Reports</i> , 2017, 7, 4308.	3.3	17
102	Wireless Channel Propagation Characteristics and Modeling Research in Rice Field Sensor Networks. <i>Sensors</i> , 2018, 18, 3116.	3.8	17
103	Analysis and Evaluation of the Image Preprocessing Process of a Six-Band Multispectral Camera Mounted on an Unmanned Aerial Vehicle for Winter Wheat Monitoring. <i>Sensors</i> , 2019, 19, 747.	3.8	16
104	Microscopic positive tumor margin does not increase the rate of recurrence in endoscopic resected gastric mesenchymal tumors compared to negative tumor margin. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 159-169.	2.4	16
105	A critical courier role of volatile oils from <i>Dalbergia odorifera</i> for cardiac protection in vivo by QiShenYiQi. <i>Scientific Reports</i> , 2017, 7, 7353.	3.3	15
106	Nomegestrol Acetate Suppresses Human Endometrial Cancer RL95-2 Cells Proliferation In Vitro and In Vivo Possibly Related to Upregulating Expression of SUFU and Wnt7a. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1337.	4.1	15
107	Development of an Apparatus for Crop-Growth Monitoring and Diagnosis. <i>Sensors</i> , 2018, 18, 3129.	3.8	15
108	Evaluation of Three Techniques for Correcting the Spatial Scaling Bias of Leaf Area Index. <i>Remote Sensing</i> , 2018, 10, 221.	4.0	15

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109	Development of Chlorophyll-Meter-Index-Based Dynamic Models for Evaluation of High-Yield Japonica Rice Production in Yangtze River Reaches. <i>Agronomy</i> , 2019, 9, 106.	3.0	15
110	UAV-Borne Dual-Band Sensor Method for Monitoring Physiological Crop Status. <i>Sensors</i> , 2019, 19, 816.	3.8	15
111	Ion Channel Targeted Mechanisms of Anti-arrhythmic Chinese Herbal Medicine Xin Su Ning. <i>Frontiers in Pharmacology</i> , 2019, 10, 70.	3.5	15
112	Chemical constituents from the fruits of <i>Psoralea corylifolia</i> and their protective effects on ionising radiation injury. <i>Natural Product Research</i> , 2019, 33, 673-680.	1.8	15
113	Metabolic Changes in <i>Klebsiella oxytoca</i> in Response to Low Oxidoreduction Potential, as Revealed by Comparative Proteomic Profiling Integrated with Flux Balance Analysis. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2833-2841.	3.1	14
114	Alisol F 24 Acetate Enhances Chemosensitivity and Apoptosis of MCF-7/DOX Cells by Inhibiting P-Glycoprotein-Mediated Drug Efflux. <i>Molecules</i> , 2016, 21, 183.	3.8	14
115	Nardonaphthalenones A and B from the roots and rhizomes of <i>Nardostachys chinensis</i> Batal.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 875-879.	2.2	14
116	Comparative metabolomics of Wenxin Keli and Verapamil reveals differential roles of gluconeogenesis and fatty acid $\beta$ -oxidation in myocardial injury protection. <i>Scientific Reports</i> , 2017, 7, 8739.	3.3	14
117	Dinardokanshones E, isonardoeudesmols D and nardoeudesmol D from <i>Nardostachys jatamansi</i> DC.. <i>Phytochemistry</i> , 2018, 150, 50-59.	2.9	14
118	Bakuchiol exhibits anti-metastasis activity through NF- $\kappa$ B cross-talk signaling with AR and ER $\beta$ in androgen-independent prostate cancer cells PC-3. <i>Journal of Pharmacological Sciences</i> , 2018, 138, 1-8.	2.5	14
119	Elevating ATP-binding cassette transporter G1 improves endothelialization function of endothelial progenitor cells via Lyn/Akt/eNOS in diabetic mice. <i>FASEB Journal</i> , 2018, 32, 6525-6536.	0.5	14
120	Selected Phytoestrogens Distinguish Roles of ER $\alpha$ Transactivation and Ligand Binding for Anti-Inflammatory Activity. <i>Endocrinology</i> , 2018, 159, 3351-3364.	2.8	14
121	Danhong Injection Enhances the Therapeutic Efficacy of Mesenchymal Stem Cells in Myocardial Infarction by Promoting Angiogenesis. <i>Frontiers in Physiology</i> , 2018, 9, 991.	2.8	14
122	Coordinated Activation of VEGF/VEGFR-2 and PPAR $\gamma$ Pathways by a Multi-Component Chinese Medicine DHI Accelerated Recovery from Peripheral Arterial Disease in Type 2 Diabetic Mice. <i>PLoS ONE</i> , 2016, 11, e0167305.	2.5	13
123	Chemical Constituents from the Flowers of Wild <i>Gardenia jasminoides</i> J. Ellis. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600437.	2.1	13
124	Simultaneous determination of eight bioactive components of Qishen Yiqi dripping pills in rat plasma using UFLC-MS/MS and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2017, 31, e3941.	1.7	13
125	Activation of hepatic Nogo-B receptor expression: A new anti-liver steatosis mechanism of statins. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 177-190.	2.4	13
126	Six kanshone C-derived sesquiterpenoid hybrids nardochalaristolones D, nardoflavaristolone A and dinardokanshone F from <i>Nardostachys jatamansi</i> DC.. <i>Bioorganic Chemistry</i> , 2018, 81, 35-43.	4.1	13



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127	Hyperspectral Reflectance Proxies to Diagnose In-Field Fusarium Head Blight in Wheat with Machine Learning. <i>Remote Sensing</i> , 2022, 14, 2784.	4.0	13
128	Development of thermodynamic optimum searching (TOS) to improve the prediction accuracy of flux balance analysis. <i>Biotechnology and Bioengineering</i> , 2013, 110, 914-923.	3.3	12
129	Comparative genomic and proteomic analyses of <i>Clostridium acetobutylicum</i> Rh8 and its parent strain DSM 1731 revealed new understandings on butanol tolerance. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1612-1618.	2.1	12
130	Identification of New Epididymal Luminal Fluid Proteins Involved in Sperm Maturation in Infertile Rats Treated by Dutasteride Using iTRAQ. <i>Molecules</i> , 2016, 21, 602.	3.8	12
131	Metformin Enhances Nomegestrol Acetate Suppressing Growth of Endometrial Cancer Cells and May Correlate to Downregulating mTOR Activity In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3308.	4.1	12
132	Genome-Scale Metabolic Modeling Reveals Metabolic Alterations of Multidrug-Resistant <i>Acinetobacter baumannii</i> in a Murine Bloodstream Infection Model. <i>Microorganisms</i> , 2020, 8, 1793.	3.6	12
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