

Yu Zheng

List of Publications by Year in Descending Order

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

1,632
citations

19
h-index

40
g-index

64
ext. papers

2,174
ext. citations

5.2
avg. IF

4.94
L-index

#	Paper	IF	Citations
59	Polyphenols extracted from Shanxi-aged vinegar exert hypolipidemic effects on OA-induced HepG2 cells via the PPARELXREABCA1 pathway.. <i>Journal of Food Biochemistry</i> , 2022 , e14029	3.3	1
58	Improving the Acetic Acid Fermentation of by Enhancing the Energy Metabolism.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 815614	5.8	0
57	Ginsenosides emerging as both bifunctional drugs and nanocarriers for enhanced antitumor therapies. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 322	9.4	8
56	Salidroside: A review of its recent advances in synthetic pathways and pharmacological properties. <i>Chemico-Biological Interactions</i> , 2021 , 339, 109268	5	12
55	RPA-SYBR Green I based instrument-free visual detection for pathogenic <i>Yersinia enterocolitica</i> in meat. <i>Analytical Biochemistry</i> , 2021 , 621, 114157	3.1	1
54	Polyphenols Extracted from Shanxi-Aged Vinegar Inhibit Inflammation in LPS-Induced RAW264.7 Macrophages and ICR Mice via the Suppression of MAPK/NF- κ B Pathway Activation. <i>Molecules</i> , 2021 , 26,	4.8	2
53	Identification of chicken-derived scFv against N-glycolylneuraminic acid retrieved from an immune library by phage display. <i>Protein Expression and Purification</i> , 2021 , 182, 105841	2	1
52	Bipolar Arylsilane: Synthesis, Photoelectronic Properties, and High-Performance Deep Blue Organic Light-Emitting Diodes. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 422-429	4	13
51	Investigation on Triaxial Dynamic Model Based on the Energy Theory of Bedding Coal Rock under Triaxial Impact Compression. <i>Shock and Vibration</i> , 2021 , 2021, 1-15	1.1	
50	Bipolar Molecules with Hybridized Local and Charge-Transfer State for Highly Efficient Deep-Blue Organic Light-Emitting Diodes with EQE of 7.4% and CIEy \approx 0.05. <i>Advanced Optical Materials</i> , 2021 , 9, 2100965	8.1	6
49	Prevalence and transmission characteristics of species from ruminants in farm and slaughtering environments in China. <i>Emerging Microbes and Infections</i> , 2021 , 10, 356-364	18.9	6
48	First-Principles Calculated Structures and Carbon Binding Energies of α -Fe $_2$ O $_3$ (left {10bar{1}1} right) mathord{left/ {vphantom {{left{ {10bar{1}1} right}} {left{ {10bar{1}bar{1}} right}}}} right. kern-0pt} {left{ {10bar{1}bar{1}} right}}) Tilt Grain Boundaries in Corundum Structured Metal Oxides. <i>Oxidation of Metals</i> , 2020 , 94, 37-49	1.6	
47	Clinical features and treatment of COVID-19 patients in northeast Chongqing. <i>Journal of Medical Virology</i> , 2020 , 92, 797-806	19.7	582
46	Z-ligustilide: A review of its pharmacokinetics and pharmacology. <i>Phytotherapy Research</i> , 2020 , 34, 1966-1991	19.91	18
45	Development of optimal steam explosion pretreatment and highly effective cell factory for bioconversion of grain vinegar residue to butanol. <i>Biotechnology for Biofuels</i> , 2020 , 13, 111	7.8	7
44	Knowledge Domain and Emerging Trends in Vinegar Research: A Bibliometric Review of the Literature from WoSCC. <i>Foods</i> , 2020 , 9,	4.9	10
43	Acute Oral Toxicity and Acute Intraperitoneal Studies of Thermally Treated Ceftiofur. <i>Chemical and Pharmaceutical Bulletin</i> , 2020 , 68, 1061-1068	1.9	

42	Responses of rhizosphere and bulk substrate microbiome to wastewater-borne sulfonamides in constructed wetlands with different plant species. <i>Science of the Total Environment</i> , 2020 , 706, 135955	10.2	29
41	Research on Stress Threshold of Deep Buried Coal Rock under Quasi-Static Strain Rate Based on Acoustic Emission. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-13	1.3	1
40	Recent advances in plant polysaccharide-mediated nano drug delivery systems. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 2668-2683	7.9	22
39	Xuebijing injection in the treatment of COVID-19: a retrospective case-control study. <i>Annals of Palliative Medicine</i> , 2020 , 9, 3235-3248	1.7	20
38	Analysis and control of microbial gas production in fermented chili paste. <i>Journal of Food Processing and Preservation</i> , 2020 , 44, e14806	2.1	1
37	Bioaugmentation by AAF1-5 Improves the Bacterial Activity and Diversity of Cereal Vinegar Under Solid-State Fermentation. <i>Frontiers in Microbiology</i> , 2020 , 11, 603721	5.7	2
36	Coordination of Pre-oxidation Time and Temperature for a Better Corrosion Resistance to CO ₂ at 550 °C. <i>Oxidation of Metals</i> , 2019 , 91, 657-675	1.6	3
35	Scutellaria baicalensis Georgi. (Lamiaceae): a review of its traditional uses, botany, phytochemistry, pharmacology and toxicology. <i>Journal of Pharmacy and Pharmacology</i> , 2019 , 71, 1353-1369	4.8	118
34	Unravelling the composition and envisaging the formation of sediments in traditional Chinese vinegar. <i>International Journal of Food Science and Technology</i> , 2019 , 54, 2927-2938	3.8	3
33	Evaluation of antimicrobial activity of water-soluble flavonoids extract from Thunb. leaves. <i>Food Science and Biotechnology</i> , 2019 , 28, 1853-1859	3	6
32	ZmOST1 mediates abscisic acid regulation of guard cell ion channels and drought stress responses. <i>Journal of Integrative Plant Biology</i> , 2019 , 61, 478-491	8.3	28
31	Immunoregulatory Siglec ligands are abundant in human and mouse aorta and are up-regulated by high glucose. <i>Life Sciences</i> , 2019 , 216, 189-199	6.8	5
30	Comparison of Microstructural Evolution of Oxides Formed on F91 Martensitic Steel Upon Breakaway Oxidation at 700 °C in Air and CO ₂ . <i>Oxidation of Metals</i> , 2019 , 91, 463-482	1.6	0
29	Polysaccharides from Chinese herbal medicine for anti-diabetes recent advances. <i>International Journal of Biological Macromolecules</i> , 2019 , 121, 1240-1253	7.9	44
28	Impacts of bioprocess engineering on product formation by <i>Acetobacter pasteurianus</i> . <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 2535-2541	5.7	15
27	A review of photonic crystal fiber sensor applications for different physical quantities. <i>Applied Spectroscopy Reviews</i> , 2018 , 53, 486-502	4.5	21
26	Shanxi Aged Vinegar Protects against Alcohol-Induced Liver Injury via Activating Nrf2-Mediated Antioxidant and Inhibiting TLR4-Induced Inflammatory Response. <i>Nutrients</i> , 2018 , 10,	6.7	21
25	Two-stage oxygen supply strategy based on energy metabolism analysis for improving acetic acid production by <i>Acetobacter pasteurianus</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018 , 45, 781-788	4.2	5

24	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 102-112	2.8	5
23	Chemical Composition and Antioxidant Characteristic of Traditional and Industrial Zhenjiang Aromatic Vinegars during the Aging Process. <i>Molecules</i> , 2018 , 23,	4.8	19
22	Evaluation of Nutritional Compositions, Bioactive Compounds, and Antioxidant Activities of Shanxi Aged Vinegars During the Aging Process. <i>Journal of Food Science</i> , 2018 , 83, 2638-2644	3.4	13
21	Improving the acetic acid tolerance and fermentation of <i>Acetobacter pasteurianus</i> by nucleotide excision repair protein UvrA. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 6493-6502	5.7	17
20	Highly efficient white organic light-emitting devices with optimized electron transporting layers. <i>Chemical Research in Chinese Universities</i> , 2017 , 33, 227-230	2.2	2
19	Protective effects of Shanxi aged vinegar against hydrogen peroxide-induced oxidative damage in LO2 cells through Nrf2-mediated antioxidant responses. <i>RSC Advances</i> , 2017 , 7, 17377-17386	3.7	33
18	Antioxidant Activity of Chinese Shanxi Aged Vinegar and Its Correlation with Polyphenols and Flavonoids During the Brewing Process. <i>Journal of Food Science</i> , 2017 , 82, 2479-2486	3.4	19
17	Unraveling the correlation between microbiota succession and metabolite changes in traditional Shanxi aged vinegar. <i>Scientific Reports</i> , 2017 , 7, 9240	4.9	39
16	<i>Acetobacter pasteurianus</i> metabolic change induced by initial acetic acid to adapt to acetic acid fermentation conditions. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 7007-7016	5.7	21
15	Effect of aspartic acid and glutamate on metabolism and acid stress resistance of <i>Acetobacter pasteurianus</i> . <i>Microbial Cell Factories</i> , 2017 , 16, 109	6.4	32
14	Expiration Date Prediction of Biocontrol Agent Prepared with <i>Bacillus subtilis</i> B579 Using the Accelerated Aging Method. <i>Polish Journal of Microbiology</i> , 2017 , 65, 461-464	1.8	1
13	Compound K Attenuates the Development of Atherosclerosis in ApoE(-/-) Mice via LXR α Activation. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	22
12	The anti-inflammation and pharmacokinetics of a novel alkaloid from <i>Portulaca oleracea</i> L. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 397-405	4.8	55
11	Dynamics and diversity of microbial community succession in traditional fermentation of Shanxi aged vinegar. <i>Food Microbiology</i> , 2015 , 47, 62-8	6	62
10	Alterations in serotonin, transient receptor potential channels and protease-activated receptors in rats with irritable bowel syndrome attenuated by Shugan decoction. <i>World Journal of Gastroenterology</i> , 2015 , 21, 4852-63	5.6	19
9	The evolutionary response of alcohol dehydrogenase and aldehyde dehydrogenases of <i>Acetobacter pasteurianus</i> CGMCC 3089 to ethanol adaptation. <i>Food Science and Biotechnology</i> , 2015 , 24, 133-140	3	6
8	Characterization of the inclusion complex of 16,17 β -epoxyprogesterone with randomly methylated β -cyclodextrin in aqueous solution and in the solid state. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011 , 69, 273-280		8
7	Improving acetic acid production of <i>Acetobacter pasteurianus</i> AC2005 in hawthorn vinegar fermentation by using beer for seed culture. <i>International Journal of Food Science and Technology</i> , 2010 , 45, 2394-2399	3.8	12

6	The mechanism of Cyclodextrin on the 11Hydroxylation biotransformation of steroid 2010 ,		2
5	Headspace solid-phase microextraction analysis of volatile compounds in hawthorn vinegars fermented by two strains of Acetobacter 2010 ,		1
4	Quantitative changes of plant defense enzymes and phytohormone in biocontrol of cucumber Fusarium wilt by Bacillus subtilis B579. <i>World Journal of Microbiology and Biotechnology</i> , 2010 , 26, 675-684	44	70
3	Transferrin-conjugated lipid-coated PLGA nanoparticles for targeted delivery of aromatase inhibitor 7alpha-APTADD to breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2010 , 390, 234-41	6.5	107
2	Receptor mediated gene delivery by folate conjugated N-trimethyl chitosan in vitro. <i>International Journal of Pharmaceutics</i> , 2009 , 382, 262-9	6.5	49
1	High Steric-Hindrance Windmill-Type Molecules for Efficient Ultraviolet to Pure-Blue Organic Light-Emitting Diodes via Hybridized Local and Charge-Transfer Excited-State. <i>Advanced Functional Materials</i> , 2112969	15.6	6