

# Yu Zheng

## List of Publications by Citations

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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	Clinical features and treatment of COVID-19 patients in northeast Chongqing. <i>Journal of Medical Virology</i> , <b>2020</b> , 92, 797-806	19.7	582
58	Scutellaria baicalensis Georgi. (Lamiaceae): a review of its traditional uses, botany, phytochemistry, pharmacology and toxicology. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 1353-1369	4.8	118
57	Transferrin-conjugated lipid-coated PLGA nanoparticles for targeted delivery of aromatase inhibitor 7alpha-APTADD to breast cancer cells. <i>International Journal of Pharmaceutics</i> , <b>2010</b> , 390, 234-41	6.5	107
56	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> , <b>2010</b> , 26, 675-684	4.4	70
55	Dynamics and diversity of microbial community succession in traditional fermentation of Shanxi aged vinegar. <i>Food Microbiology</i> , <b>2015</b> , 47, 62-8	6	62
54	The anti-inflammation and pharmacokinetics of a novel alkaloid from Portulaca oleracea L. <i>Journal of Pharmacy and Pharmacology</i> , <b>2016</b> , 68, 397-405	4.8	55
53	Receptor mediated gene delivery by folate conjugated N-trimethyl chitosan in vitro. <i>International Journal of Pharmaceutics</i> , <b>2009</b> , 382, 262-9	6.5	49
52	Polysaccharides from Chinese herbal medicine for anti-diabetes recent advances. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 121, 1240-1253	7.9	44
51	Unraveling the correlation between microbiota succession and metabolite changes in traditional Shanxi aged vinegar. <i>Scientific Reports</i> , <b>2017</b> , 7, 9240	4.9	39
50	Protective effects of Shanxi aged vinegar against hydrogen peroxide-induced oxidative damage in LO2 cells through Nrf2-mediated antioxidant responses. <i>RSC Advances</i> , <b>2017</b> , 7, 17377-17386	3.7	33
49	Effect of aspartic acid and glutamate on metabolism and acid stress resistance of Acetobacter pasteurianus. <i>Microbial Cell Factories</i> , <b>2017</b> , 16, 109	6.4	32
48	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> , <b>2020</b> , 706, 135955	10.2	29
47	ZmOST1 mediates abscisic acid regulation of guard cell ion channels and drought stress responses. <i>Journal of Integrative Plant Biology</i> , <b>2019</b> , 61, 478-491	8.3	28
46	Recent advances in plant polysaccharide-mediated nano drug delivery systems. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 165, 2668-2683	7.9	22
45	Compound K Attenuates the Development of Atherosclerosis in ApoE(-/-) Mice via LXR Activation. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	22
44	A review of photonic crystal fiber sensor applications for different physical quantities. <i>Applied Spectroscopy Reviews</i> , <b>2018</b> , 53, 486-502	4.5	21
43	Shanxi Aged Vinegar Protects against Alcohol-Induced Liver Injury via Activating Nrf2-Mediated Antioxidant and Inhibiting TLR4-Induced Inflammatory Response. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	21

42	Acetobacter pasteurianus metabolic change induced by initial acetic acid to adapt to acetic acid fermentation conditions. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 7007-7016	5.7	21
41	Xuebijing injection in the treatment of COVID-19: a retrospective case-control study. <i>Annals of Palliative Medicine</i> , <b>2020</b> , 9, 3235-3248	1.7	20
40	Antioxidant Activity of Chinese Shanxi Aged Vinegar and Its Correlation with Polyphenols and Flavonoids During the Brewing Process. <i>Journal of Food Science</i> , <b>2017</b> , 82, 2479-2486	3.4	19
39	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> , <b>2015</b> , 21, 4852-63	5.6	19
38	Chemical Composition and Antioxidant Characteristic of Traditional and Industrial Zhenjiang Aromatic Vinegars during the Aging Process. <i>Molecules</i> , <b>2018</b> , 23,	4.8	19
37	Z-ligustilide: A review of its pharmacokinetics and pharmacology. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 1966-1991	4.991	18
36	Improving the acetic acid tolerance and fermentation of Acetobacter pasteurianus by nucleotide excision repair protein UvrA. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 6493-6502	5.7	17
35	Impacts of bioprocess engineering on product formation by Acetobacter pasteurianus. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 2535-2541	5.7	15
34	Bipolar Arylsilane: Synthesis, Photoelectronic Properties, and High-Performance Deep Blue Organic Light-Emitting Diodes. <i>ACS Applied Electronic Materials</i> , <b>2021</b> , 3, 422-429	4	13
33	Evaluation of Nutritional Compositions, Bioactive Compounds, and Antioxidant Activities of Shanxi Aged Vinegars During the Aging Process. <i>Journal of Food Science</i> , <b>2018</b> , 83, 2638-2644	3.4	13
32	Improving acetic acid production of Acetobacter pasteurianus AC2005 in hawthorn vinegar fermentation by using beer for seed culture. <i>International Journal of Food Science and Technology</i> , <b>2010</b> , 45, 2394-2399	3.8	12
31	Salidroside: A review of its recent advances in synthetic pathways and pharmacological properties. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 339, 109268	5	12
30	Knowledge Domain and Emerging Trends in Vinegar Research: A Bibliometric Review of the Literature from WoSCC. <i>Foods</i> , <b>2020</b> , 9,	4.9	10
29	Characterization of the inclusion complex of 16,17Epoxyprogesterone with randomly methylated Ecyclodextrin in aqueous solution and in the solid state. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2011</b> , 69, 273-280		8
28	Ginsenosides emerging as both bifunctional drugs and nanocarriers for enhanced antitumor therapies. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 322	9.4	8
27	Development of optimal steam explosion pretreatment and highly effective cell factory for bioconversion of grain vinegar residue to butanol. <i>Biotechnology for Biofuels</i> , <b>2020</b> , 13, 111	7.8	7
26	Evaluation of antimicrobial activity of water-soluble flavonoids extract from Thunb. leaves. <i>Food Science and Biotechnology</i> , <b>2019</b> , 28, 1853-1859	3	6
25	The evolutionary response of alcohol dehydrogenase and aldehyde dehydrogenases of Acetobacter pasteurianus CGMCC 3089 to ethanol adaptation. <i>Food Science and Biotechnology</i> , <b>2015</b> , 24, 133-140	3	6

24	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 <sub>2</sub> = 0.05. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100965	8.1	6
23	Prevalence and transmission characteristics of species from ruminants in farm and slaughtering environments in China. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 356-364	18.9	6
22	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
21	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> , <b>2018</b> , 45, 781-788	4.2	5
20	Immunoregulatory Siglec ligands are abundant in human and mouse aorta and are up-regulated by high glucose. <i>Life Sciences</i> , <b>2019</b> , 216, 189-199	6.8	5
19	Measurements of the Speed of Sound in Liquid and Supercritical n-Octane and Isooctane. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 102-112	2.8	5
18	Coordination of Pre-oxidation Time and Temperature for a Better Corrosion Resistance to CO <sub>2</sub> at 550 °C. <i>Oxidation of Metals</i> , <b>2019</b> , 91, 657-675	1.6	3
17	Unravelling the composition and envisaging the formation of sediments in traditional Chinese vinegar. <i>International Journal of Food Science and Technology</i> , <b>2019</b> , 54, 2927-2938	3.8	3
16	Highly efficient white organic light-emitting devices with optimized electron transporting layers. <i>Chemical Research in Chinese Universities</i> , <b>2017</b> , 33, 227-230	2.2	2
15	The mechanism of Cyclodextrin on the 11 $\beta$ -hydroxylation biotransformation of steroid <b>2010</b> ,		2
14	Polyphenols Extracted from Shanxi-Aged Vinegar Inhibit Inflammation in LPS-Induced RAW264.7 Macrophages and ICR Mice via the Suppression of MAPK/NF- $\kappa$ B Pathway Activation. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
13	Bioaugmentation by AAF1-5 Improves the Bacterial Activity and Diversity of Cereal Vinegar Under Solid-State Fermentation. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 603721	5.7	2
12	Headspace solid-phase microextraction analysis of volatile compounds in hawthorn vinegars fermented by two strains of <i>Acetobacter</i> <b>2010</b> ,		1
11	Polyphenols extracted from Shanxi-aged vinegar exert hypolipidemic effects on OA-induced HepG2 cells via the PPAR $\alpha$ /XR $\beta$ /ABCA1 pathway.. <i>Journal of Food Biochemistry</i> , <b>2022</b> , e14029	3.3	1
10	Expiration Date Prediction of Biocontrol Agent Prepared with <i>Bacillus subtilis</i> B579 Using the Accelerated Aging Method. <i>Polish Journal of Microbiology</i> , <b>2017</b> , 65, 461-464	1.8	1
9	Research on Stress Threshold of Deep Buried Coal Rock under Quasi-Static Strain Rate Based on Acoustic Emission. <i>Advances in Civil Engineering</i> , <b>2020</b> , 2020, 1-13	1.3	1
8	Analysis and control of microbial gas production in fermented chili paste. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14806	2.1	1
7	RPA-SYBR Green I based instrument-free visual detection for pathogenic <i>Yersinia enterocolitica</i> in meat. <i>Analytical Biochemistry</i> , <b>2021</b> , 621, 114157	3.1	1

6	Identification of chicken-derived scFv against N-glycolylneuraminic acid retrieved from an immune library by phage display. <i>Protein Expression and Purification</i> , <b>2021</b> , 182, 105841	2	1
5	Comparison of Microstructural Evolution of Oxides Formed on F91 Martensitic Steel Upon Breakaway Oxidation at 700 °C in Air and CO <sub>2</sub> . <i>Oxidation of Metals</i> , <b>2019</b> , 91, 463-482	1.6	0
4	Improving the Acetic Acid Fermentation of by Enhancing the Energy Metabolism.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 815614	5.8	0
3	First-Principles Calculated Structures and Carbon Binding Energies of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> Tilt Grain Boundaries in Corundum Structured Metal Oxides. <i>Oxidation of Metals</i> , <b>2020</b> , 94, 37-49	1.6	
2	Acute Oral Toxicity and Acute Intraperitoneal Studies of Thermally Treated Ceftiofur. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2020</b> , 68, 1061-1068	1.9	
1	Investigation on Triaxial Dynamic Model Based on the Energy Theory of Bedding Coal Rock under Triaxial Impact Compression. <i>Shock and Vibration</i> , <b>2021</b> , 2021, 1-15	1.1	