

# Zhong Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,938  
citations

361413

20  
h-index

243625

44  
g-index

44  
all docs

44  
docs citations

44  
times ranked

3307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Stable Organic Solar Cells Based on an Ultraviolet-Resistant Cathode Interfacial Layer. <i>CCS Chemistry</i> , 2022, 4, 938-948.	7.8	42
2	Fluidic Manipulating of Printable Zinc Oxide for Flexible Organic Solar Cells. <i>Advanced Materials</i> , 2022, 34, e2106453.	21.0	62
3	Inhibitory Effect of Ursolic Acid on the Migration and Invasion of Doxorubicin-Resistant Breast Cancer. <i>Molecules</i> , 2022, 27, 1282.	3.8	9
4	Comprehensive fecal metabolomics and gut microbiota for the evaluation of the mechanism of Panax Ginseng in the treatment of Qi-deficiency liver cancer. <i>Journal of Ethnopharmacology</i> , 2022, 292, 115222.	4.1	15
5	Combined 16S rRNA gene sequencing and metabolomics to investigate the protective effects of Wu-tou decoction on rheumatoid arthritis in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1199, 123249.	2.3	9
6	The chemical profile of <i>Fubai Chrysanthemum</i> (Fubaiju) and its mechanism in preventing cataract based on ultrahigh-performance liquid chromatography coupled with mass spectrometry and network pharmacology. <i>Journal of Separation Science</i> , 2022, 45, 2406-2414.	2.5	3
7	Universal Hole Transporting Material <i>via</i> Mutual Doping for Conventional, Inverted, and Blade-Coated Large-Area Organic Solar Cells. <i>Chemistry of Materials</i> , 2022, 34, 6312-6322.	6.7	12
8	Pharmacokinetics and tissue distribution study of 18 bioactive components in healthy and chronic heart failure rats after oral administration of Qi-Shen-Ke-Li formula using ultrahigh-performance liquid chromatography/triple quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9060.	1.5	2
9	Boronate Affinity-Based Oriented and Double-Shelled Surface Molecularly Imprinted Polymers on 96-Well Microplates for a High-Throughput Pharmacokinetic Study of Rutin and Its Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3972-3981.	5.2	4
10	The effects and mechanisms of aloe-emodin on reversing adriamycin-induced resistance of MCF7/ADR cells. <i>Phytotherapy Research</i> , 2021, 35, 3886-3897.	5.8	10
11	Mass spectrometry-based urinary metabolomics for exploring the treatment effects of Radix ginseng-Schisandra chinensis herb pair on Alzheimer's disease in rats. <i>Journal of Separation Science</i> , 2021, 44, 3158-3166.	2.5	6
12	A comprehensive strategy to clarify the pharmacodynamic constituents and mechanism of Wu-tou decoction based on the constituents migrating to blood and their in vivo process under pathological state. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114172.	4.1	9
13	A Tandem Organic Photovoltaic Cell with 19.6% Efficiency Enabled by Light Distribution Control. <i>Advanced Materials</i> , 2021, 33, e2102787.	21.0	210
14	PBDB-T and its derivatives: A family of polymer donors enables over 17% efficiency in organic photovoltaics. <i>Materials Today</i> , 2020, 35, 115-130.	14.2	269
15	Chemical characterization of small-molecule inhibitors of monoamine oxidase B synthesized from the <i>Acanthopanax senticosus</i> root with affinity ultrafiltration mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8694.	1.5	15
16	Magnetic nanoparticles-based lactate dehydrogenase microreactor as a drug discovery tool for rapid screening inhibitors from natural products. <i>Talanta</i> , 2020, 209, 120554.	5.5	21
17	Inorganic Molecular Clusters with Facile Preparation and Neutral pH for Efficient Hole Extraction in Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 39462-39470.	8.0	14
18	Quantifying $V_{oc}$ loss induced by alkyl pendants of acceptors in organic solar cells. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12568-12577.	5.5	14

#	ARTICLE	IF	CITATIONS
19	Quantitative analysis and pharmacokinetic comparison of multiple bioactive components in rat plasma after oral administration of Qiâ€Shenâ€Keâ€Li formula and its singleâ€herb extracts using ultraâ€highâ€performance liquid chromatographyâ€tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2020, 34, e4959.	1.7	3
20	pHâ€Zoneâ€refining counterâ€current chromatography for two new lipoâ€alkaloids separated from refined alkaline extraction of <i>Kusnezoff monkshood</i> root. <i>Journal of Separation Science</i> , 2020, 43, 2447-2458.	2.5	8
21	Influence of Covalent and Noncovalent Backbone Rigidification Strategies on the Aggregation Structures of a Wide-Band-Gap Polymer for Photovoltaic Cells. <i>Chemistry of Materials</i> , 2020, 32, 1993-2003.	6.7	36
22	In situ analysis of single cell and biological samples with rGO-Cu functional probe ESI-MS spectrometry. <i>Talanta</i> , 2020, 211, 120751.	5.5	11
23	Exquisite modulation of ZnO nanoparticle electron transporting layer for high-performance fullerene-free organic solar cell with inverted structure. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3570-3576.	10.3	58
24	Enhanced one-step sample pretreatment method for extraction of ginsenosides from rat plasma using tailor-made deep eutectic mixture solvents. <i>Analytical Methods</i> , 2019, 11, 1035-1042.	2.7	9
25	Separation, Quantification and Structural Study of (+)-Catechin and (-)-Epicatechin by Ion Mobility Mass Spectrometry Combined with Theoretical Algorithms. <i>Chinese Journal of Chemistry</i> , 2019, 37, 581-587.	4.9	4
26	Comprehensive investigation of in-vivo ingredients and action mechanism of iridoid extract from <i>Gardeniae Fructus</i> by liquid chromatography combined with mass spectrometry, microdialysis sampling and network pharmacology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1076, 70-76.	2.3	16
27	Environmentally Friendly Solventâ€Processed Organic Solar Cells that are Highly Efficient and Adaptable for the Bladeâ€Coating Method. <i>Advanced Materials</i> , 2018, 30, 1704837.	21.0	173
28	Equivalently Quantitative Ion Strategy with Quaternary Ammonium Cation Derivatization for Highly Sensitive Quantification of Lanostane-Type Triterpene Acids without Standards by Ultrahigh-Performance Liquid Chromatographyâ€Tandem Mass Spectrometry (UHPLCâ€MS/MS). <i>Analytical Chemistry</i> , 2018, 90, 13946-13952.	6.5	11
29	A Highly Efficient Nonâ€Fullerene Organic Solar Cell with a Fill Factor over 0.80 Enabled by a Fineâ€Tuned Holeâ€Transporting Layer. <i>Advanced Materials</i> , 2018, 30, e1801801.	21.0	360
30	Achieving 12.8% Efficiency by Simultaneously Improving Openâ€Circuit Voltage and Shortâ€Circuit Current Density in Tandem Organic Solar Cells. <i>Advanced Materials</i> , 2017, 29, 1606340.	21.0	100
31	Triperylene Hexaimides Based Allâ€Smallâ€Molecule Solar Cells with an Efficiency over 6% and Open Circuit Voltage of 1.04 V. <i>Advanced Energy Materials</i> , 2017, 7, 1601664.	19.5	57
32	Online microdialysis-ultra performance liquid chromatographyâ€mass spectrometry method for comparative pharmacokinetic investigation on iridoids from <i>Gardenia jasminoides</i> Ellis in rats with different progressions of type 2 diabetic complications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 146-154.	2.8	15
33	Efficient Charge Transfer and Fineâ€Tuned Energy Level Alignment in a THFâ€Processed Fullereneâ€Free Organic Solar Cell with 11.3% Efficiency. <i>Advanced Materials</i> , 2017, 29, 1604241.	21.0	305
34	Probing film-depth-related light harvesting in polymer solar cells via plasma etching. <i>AIP Advances</i> , 2017, 7, .	1.3	15
35	A Bifunctional Interlayer Material for Modifying Both the Anode and Cathode in Highly Efficient Polymer Solar Cells. <i>Advanced Materials</i> , 2016, 28, 434-439.	21.0	85
36	Perylene Diimide Trimers Based Bulk Heterojunction Organic Solar Cells with Efficiency over 7%. <i>Advanced Energy Materials</i> , 2016, 6, 1600060.	19.5	111

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37	Highly Efficient Fullerene-Free Polymer Solar Cells Fabricated with Polythiophene Derivative. <i>Advanced Materials</i> , 2016, 28, 9416-9422.	21.0	303
38	Over 11% Efficiency in Tandem Polymer Solar Cells Featured by a Low-Band-Gap Polymer with Fine-Tuned Properties. <i>Advanced Materials</i> , 2016, 28, 5133-5138.	21.0	144
39	PBDT-TSR: a highly efficient conjugated polymer for polymer solar cells with a regioregular structure. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1708-1713.	10.3	75
40	Rapid assay for testing superoxide anion radical scavenging activities to natural pigments by ultra-high performance liquid chromatography-diode-array detection method. <i>Analytical Methods</i> , 2015, 7, 1535-1542.	2.7	17
41	Highly Efficient Photovoltaic Polymers Based on Benzodithiophene and Quinoxaline with Deeper HOMO Levels. <i>Macromolecules</i> , 2015, 48, 5172-5178.	4.8	104
42	Rational selection of solvents and fine tuning of morphologies toward highly efficient polymer solar cells fabricated using green solvents. <i>RSC Advances</i> , 2015, 5, 69567-69572.	3.6	37
43	Application of online microdialysis coupled with liquid chromatography-tandem mass spectrometry method in assessing neuroprotective effect of <i>Rhizoma coptidis</i> on diabetic rats. <i>Analytical Methods</i> , 2015, 7, 45-52.	2.7	25
44	Highly Efficient Tandem Polymer Solar Cells with a Photovoltaic Response in the Visible Light Range. <i>Advanced Materials</i> , 2015, 27, 1189-1194.	21.0	130