

# Yuan Zhang

## List of Publications by Year in descending order

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68  
papers

1,211  
citations

394421

19  
h-index

434195

31  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1446  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of the Extraction and Determination Methods of Thirteen Essential Vitamins to the Human Body: An Update from 2010. <i>Molecules</i> , 2018, 23, 1484.	3.8	105
2	Fine particle-bound polycyclic aromatic hydrocarbons (PAHs) at an urban site of Wuhan, central China: Characteristics, potential sources and cancer risks apportionment. <i>Environmental Pollution</i> , 2019, 246, 319-327.	7.5	96
3	Biomass burning contributed most to the human cancer risk exposed to the soil-bound PAHs from Chengdu Economic Region, western China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 159, 63-70.	6.0	59
4	Cardiac-specific overexpression of E3 ligase Nrdp1 increases ischemia and reperfusion-induced cardiac injury. <i>Basic Research in Cardiology</i> , 2011, 106, 371-383.	5.9	54
5	A review of pretreatment and analytical methods of biogenic amines in food and biological samples since 2010. <i>Journal of Chromatography A</i> , 2019, 1605, 360361.	3.7	49
6	Simultaneous determination of 16 macrolide antibiotics and 4 metabolites in milk by using Quick, Easy, Cheap, Effective, Rugged, and Safe extraction (QuEChERS) and high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 411-420.	2.3	40
7	Overexpression of Nrdp1 in the Heart Exacerbates Doxorubicin-Induced Cardiac Dysfunction in Mice. <i>PLoS ONE</i> , 2011, 6, e21104.	2.5	38
8	Historical residues of organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs) in a flood sediment profile from the Longwang Cave in Yichang, China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110542.	6.0	35
9	Sources and transformation pathways for dichlorodiphenyltrichloroethane (DDT) and metabolites in soils from Northwest Fujian, China. <i>Environmental Pollution</i> , 2018, 235, 560-570.	7.5	34
10	Osimertinib for Chinese advanced non-small cell lung cancer patients harboring diverse EGFR exon 20 insertion mutations. <i>Lung Cancer</i> , 2021, 152, 39-48.	2.0	33
11	A simple, accurate, time-saving and green method for the determination of 15 sulfonamides and metabolites in serum samples by ultra-high performance supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2016, 1432, 132-139.	3.7	31
12	Comparison of gas chromatography-mass spectrometry and gas chromatography-tandem mass spectrometry with electron ionization for determination of N-nitrosamines in environmental water. <i>Chemosphere</i> , 2017, 168, 1400-1410.	8.2	31
13	Two-way long-range atmospheric transport of organochlorine pesticides (OCPs) between the Yellow River source and the Sichuan Basin, Western China. <i>Science of the Total Environment</i> , 2019, 651, 3230-3240.	8.0	31
14	The distribution and changes of glycoalkaloids in potato tubers under different storage time based on MALDI-TOF mass spectrometry imaging. <i>Talanta</i> , 2021, 221, 121453.	5.5	29
15	The peripheral blood neutrophil-to-lymphocyte ratio is a prognostic predictor for survival of EGFR-mutant nonsmall cell lung cancer patients treated with EGFR-TKIs. <i>Medicine (United States)</i> , 2018, 97, e11648.	1.0	28
16	Simultaneous determination of 22 cephalosporins drug residues in pork muscle using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1022, 298-307.	2.3	27
17	Supercritical fluid chromatography—a technical overview and its applications in medicinal plant analysis: an update covering 2012–2018. <i>Analyst, The</i> , 2019, 144, 5324-5352.	3.5	21
18	Simultaneous Determination of Coumarin and Its Derivatives in Tobacco Products by Liquid Chromatography-Tandem Mass Spectrometry. <i>Molecules</i> , 2016, 21, 1511.	3.8	20

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19	An analytical strategy for accurate, rapid and sensitive quantitative analysis of isoflavones in traditional Chinese medicines using ultra-high performance supercritical fluid chromatography: Take Radix Puerariae as an example. <i>Journal of Chromatography A</i> , 2019, 1606, 460385.	3.7	19
20	The Application of Supercritical Fluid Chromatography in Food Quality and Food Safety: An Overview. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 136-160.	3.5	19
21	Determination of gardenia yellow colorants in soft drink, pastry, instant noodles with ultrasound-assisted extraction by high performance liquid chromatography-electrospray ionization tandem mass spectrum. <i>Journal of Chromatography A</i> , 2016, 1446, 59-69.	3.7	18
22	Progress in Pretreatment and Analysis of Cephalosporins: An Update Since 2005. <i>Critical Reviews in Analytical Chemistry</i> , 2021, 51, 55-86.	3.5	18
23	Multimedia distribution of polycyclic aromatic hydrocarbons in the Wang Lake Wetland, China. <i>Environmental Pollution</i> , 2022, 306, 119358.	7.5	18
24	How persistent are POPs in remote areas? A case study of DDT degradation in the Qinghai-Tibet Plateau, China. <i>Environmental Pollution</i> , 2020, 263, 114574.	7.5	17
25	Rapid preparation of methyltrimethoxy- $\gamma$ -modified magnetic mesoporous silica as an effective solid-phase extraction adsorbent. <i>Journal of Separation Science</i> , 2018, 41, 669-677.	2.5	16
26	Background levels of OCPs, PCBs, and PAHs in soils from the eastern Pamirs, China, an alpine region influenced by westerly atmospheric transport. <i>Journal of Environmental Sciences</i> , 2022, 115, 453-464.	6.1	16
27	Simple, rapid, and environmentally friendly method for the separation of isoflavones using ultra-high performance supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2017, 40, 2827-2837.	2.5	15
28	Technical Overview of Orbitrap High Resolution Mass Spectrometry and Its Application to the Detection of Small Molecules in Food (Update Since 2012). <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 593-626.	3.5	15
29	Influence of environmental variables on spatial distribution of organochlorine pesticides in Sichuan, West China. <i>Environmental Earth Sciences</i> , 2009, 59, 215-222.	2.7	14
30	Overexpression of Mitofilin in the Mouse Heart Promotes Cardiac Hypertrophy in Response to Hypertrophic Stimuli. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1693-1707.	5.4	14
31	Facile preparation of hexadecyl-functionalized magnetic core-shell microsphere for the extraction of polychlorinated biphenyls in environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3337-3346.	3.7	14
32	Design, synthesis, and biological evaluation of novel substituted thiourea derivatives as potential anticancer agents for NSCLC by blocking K-Ras protein-effectors interactions. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 344-353.	5.2	14
33	Genes under positive selection in <i>Mycobacterium tuberculosis</i> . <i>Computational Biology and Chemistry</i> , 2011, 35, 319-322.	2.3	13
34	Progress in the pretreatment and analysis of N-nitrosamines: an update since 2010. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 3626-3660.	10.3	12
35	Magnetic solid-phase extraction as a novel method for the prediction of the bioaccessibility of polycyclic aromatic hydrocarbons. <i>Science of the Total Environment</i> , 2020, 728, 138789.	8.0	12
36	Simultaneous determination of formononetin, biochanin A and their active metabolites in human breast milk, saliva and urine using salting-out assisted liquid-liquid extraction and ultra high performance liquid chromatography-electrospray ionization tandem mass spectrum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1145, 122108.	2.3	12

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37	Distribution and Potential Sources of OCPs and PAHs in Waters from the Danshui River Basin in Yichang, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 263.	2.6	12
38	MEOX1 Promotes Tumor Progression and Predicts Poor Prognosis in Human Non-Small-Cell Lung Cancer. <i>International Journal of Medical Sciences</i> , 2019, 16, 68-74.	2.5	11
39	Do dissipation and transformation of $\text{1}^3\text{-HCH}$ and $\text{p,p'-DDT}$ in soil respond to a proxy for climate change? Insights from a field study on the eastern Tibetan Plateau. <i>Environmental Pollution</i> , 2021, 278, 116824.	7.5	11
40	An Accurate and Effective Method for Measuring Osimertinib by UPLC-TOF-MS and Its Pharmacokinetic Study in Rats. <i>Molecules</i> , 2018, 23, 2894.	3.8	10
41	Progress in Pretreatment and Analytical Methods of Coumarins: An Update since 2012 – A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2021, 51, 1-24.	3.5	10
42	Design and synthesis a mitochondria-targeted dihydronicotinamide as radioprotector. <i>Free Radical Biology and Medicine</i> , 2019, 136, 45-51.	2.9	9
43	Formation of non-extractable residues as a potentially dominant process in the fate of PAHs in soil: Insights from a combined field and modeling study on the eastern Tibetan Plateau. <i>Environmental Pollution</i> , 2020, 267, 115383.	7.5	9
44	Progress in the Pretreatment and Analysis of Flavonoids: An Update since 2013. <i>Separation and Purification Reviews</i> , 2022, 51, 11-37.	5.5	9
45	Level, source, and distribution of organochlorine pesticides (OCPs) in agricultural soils of Tanzania. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 19.	2.7	9
46	Cysteine enhanced degradation of monochlorobenzene in groundwater by ferrous iron/persulfate process: Impacts of matrix species and toxicity evaluation in ISCO. <i>Chemosphere</i> , 2021, 271, 129520.	8.2	8
47	Organochlorine pesticide residues in surface water from Sichuan Basin to Aba Prefecture profile, east of the Tibetan Plateau. <i>Frontiers of Earth Science</i> , 2015, 9, 248-258.	2.1	7
48	Population Pharmacokinetics and Exposure–Safety Relationship of Paclitaxel Liposome in Patients With Non-small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1731.	2.8	7
49	Progress in Pretreatment and Analysis of Fatty Acids in Foods: An Update since 2012. <i>Separation and Purification Reviews</i> , 2021, 50, 203-222.	5.5	6
50	Progress in the pretreatment and analysis of carbohydrates in food: An update since 2013. <i>Journal of Chromatography A</i> , 2021, 1655, 462496.	3.7	6
51	Pharmacokinetics and Tissue Distribution of Alnustone in Rats after Intravenous Administration by Liquid Chromatography-Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3183.	3.8	5
52	Simultaneous determination of 17 bisphenols in polycarbonate by ultra-high performance supercritical fluid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2019, 42, 2578-2586.	2.5	5
53	Determination of 22 alternative plasticizers in wrap film by solid phase extraction and ultra-high performance supercritical fluid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1669, 462916.	3.7	5
54	Interaction Effects between Doxorubicin and Hernandezine on the Pharmacokinetics by Liquid Chromatography Coupled with Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3622.	3.8	4

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55	Pharmacokinetics and Tissue Distribution of Anwuligan in Rats after Intravenous and Intragastric Administration by Liquid Chromatography-Mass Spectrometry. <i>Molecules</i> , 2020, 25, 39.	3.8	4
56	Lipidomics Profiling of HepG2 Cells and Interference by Mycotoxins Based on UPLC-TOF-IMS. <i>Analytical Chemistry</i> , 2022, 94, 6719-6727.	6.5	4
57	Cannabinoids: Recent Updates on Public Perception, Adverse Reactions, Pharmacokinetics, Pretreatment Methods and Their Analysis Methods. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-26.	3.5	3
58	An integrated method for monitoring thermal processing temperature of pork based on Q-Exactive mass spectrometry and chemometrics. <i>Journal of Chromatography A</i> , 2021, 1644, 462083.	3.7	3
59	Aminoglycosides in Food: Recent Updates on the Pretreatment and Analysis Methods. <i>Food Reviews International</i> , 2023, 39, 2378-2408.	8.4	3
60	Magnetic poly( $\beta$ -cyclodextrin) combined with solubilizing agents for the rapid bioaccessibility measurement of polycyclic aromatic hydrocarbons in soils. <i>Environmental Pollution</i> , 2021, 291, 118260.	7.5	3
61	An accurate, rapid, and sensitive method for simultaneous determination of four typical heterocyclic amines in roasted pork patties: Application in the study of inhibitory effects of astaxanthin. <i>Journal of Separation Science</i> , 2021, 44, 1833-1842.	2.5	2
62	Capsaicinoids in Food: An Update on Pretreatment and Analysis Methods since 2010. <i>Critical Reviews in Analytical Chemistry</i> , 2024, 54, 73-92.	3.5	2
63	Cocaine in Different Matrices: Recent Updates on Pretreatment and Detection Techniques. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-20.	3.5	2
64	Source, Sample Preparation, Analytical and Inhibition Methods of Polycyclic Aromatic Hydrocarbons in Food (Update since 2015). <i>Separation and Purification Reviews</i> , 0, , 1-25.	5.5	1
65	Multi-Omics Investigations Revealed Underlying Molecular Mechanisms Associated With Tumor Stiffness and Identified Sunitinib as a Potential Therapy for Reducing Stiffness in Pituitary Adenomas. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 820562.	3.7	1
66	e0003 Cardiac-specific expression of E3 ligase Nrdp1 increases ischaemia and reperfusion-induced cardiac injury in transgenic mice. <i>Heart</i> , 2010, 96, A1-A1.	2.9	0
67	Carboxypeptidase $\beta$ 4 promotes migration and invasion of lung cancer cells, and is closely associated with lymph node metastasis. <i>Precision Radiation Oncology</i> , 2019, 3, 44-51.	1.1	0
68	An Overview of Pretreatment and Analysis of Nucleotides in Different Samples (Update since 2010). <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-20.	3.5	0