

# Ming Zhao

## List of Publications by Year in descending order

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68  
papers

1,372  
citations

361045

20  
h-index

395343

33  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1601  
citing authors

#	ARTICLE	IF	CITATIONS
1	An aptamer based lateral flow strip for on-site rapid detection of ochratoxin A in <i>Astragalus membranaceus</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1022, 102-108.	1.2	85
2	Cholesterol-lowering effects and potential mechanisms of different polar extracts from <i>Cyclocarya paliurus</i> leave in hyperlipidemic mice. <i>Journal of Ethnopharmacology</i> , 2015, 176, 17-26.	2.0	83
3	Brucein D induces apoptosis in pancreatic adenocarcinoma cell line PANC-1 through the activation of p38-mitogen activated protein kinase. <i>Cancer Letters</i> , 2009, 281, 42-52.	3.2	73
4	Antihyperlipidemic effect of <i>Cyclocarya paliurus</i> (Batal.) Iljinskaja extract and inhibition of apolipoprotein B48 overproduction in hyperlipidemic mice. <i>Journal of Ethnopharmacology</i> , 2015, 166, 286-296.	2.0	71
5	Protostane and Fusidane Triterpenes: A Mini-Review. <i>Molecules</i> , 2013, 18, 4054-4080.	1.7	70
6	<i>Brucea javanica</i> fruit induces cytotoxicity and apoptosis in pancreatic adenocarcinoma cell lines. <i>Phytotherapy Research</i> , 2008, 22, 477-486.	2.8	56
7	Antihyperlipidaemic effect of triterpenic acid-enriched fraction from <i>Cyclocarya paliurus</i> leaves in hyperlipidaemic rats. <i>Pharmaceutical Biology</i> , 2017, 55, 712-721.	1.3	49
8	Multifunctional Nanoparticles Boost Cancer Immunotherapy Based on Modulating the Immunosuppressive Tumor Microenvironment. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50734-50747.	4.0	49
9	Enhanced ROS-Boosted Phototherapy against Pancreatic Cancer via Nrf2-Mediated Stress-Defense Pathway Suppression and Ferroptosis Induction. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 6404-6416.	4.0	46
10	Anti-inflammatory and anti-apoptotic effects of the combination of <i>Ligusticum chuanxiong</i> and <i>Radix Paeoniae</i> against focal cerebral ischaemia via TLR4/MyD88/MAPK/NF- $\kappa$ B signalling pathway in MCAO rats. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 268-277.	1.2	44
11	Momilactone and Related Diterpenoids as Potential Agricultural Chemicals. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7859-7872.	2.4	38
12	A self-assembly aptasensor based on thick-shell quantum dots for sensing of ochratoxin A. <i>Nanoscale</i> , 2016, 8, 4127-4133.	2.8	34
13	Anti-inflammatory property and functional substances of <i>Lonicerae Japonicae Caulis</i> . <i>Journal of Ethnopharmacology</i> , 2021, 267, 113502.	2.0	29
14	Cytotoxic (9 $\beta$ H)- $\alpha$ -Pimarane and (9 $\beta$ H)- $\alpha$ -17-Norpimarane Diterpenes from the Tuber of <i>Lacina trichantha</i> . <i>Chemistry and Biodiversity</i> , 2014, 11, 1914-1922.	1.0	27
15	17-Norpimaranes and (9 $\beta$ H)-17-Norpimaranes from the Tuber of <i>Lacina trichantha</i> . <i>Journal of Natural Products</i> , 2015, 78, 789-796.	1.5	27
16	Comparative analysis of 15 chemical constituents in <i>Scutellaria baicalensis</i> stem-leaf from different regions in China by ultra-high performance liquid chromatography with triple quadrupole tandem mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 3570-3581.	1.3	26
17	Synthesis of multi-branched Au nanocomposites with distinct plasmon resonance in NIR-II window and controlled CRISPR-Cas9 delivery for synergistic gene-photothermal therapy. <i>Biomaterials</i> , 2022, 287, 121621.	5.7	26
18	Involvement of the mitochondrial pathway in bruceine D-induced apoptosis in Capan-2 human pancreatic adenocarcinoma cells. <i>International Journal of Molecular Medicine</i> , 2012, 30, 93-9.	1.8	22

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19	(9 <sup>12</sup> H)-Pimaranes and Derivatives from the Tuber of <i>Icacina trichantha</i> . Journal of Natural Products, 2015, 78, 2731-2737.	1.5	22
20	Charge-switchable nanoparticles enhance Cancer immunotherapy based on mitochondrial dynamic regulation and immunogenic cell death induction. Journal of Controlled Release, 2021, 335, 320-332.	4.8	22
21	Hierarchical extraction and simultaneous determination of flavones and triterpenes in different parts of <i>Trichosanthes kirilowii</i> Maxim. by ultra-high-performance liquid chromatography coupled with tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2019, 167, 114-122.	1.4	21
22	Icacinlactone H and Icacintrichantholide from the Tuber of <i>Icacina trichantha</i> . Organic Letters, 2015, 17, 3834-3837.	2.4	20
23	Metabolic profiling of the hepatotoxicity and nephrotoxicity of Ginkgolic acids in rats using ultra-performance liquid chromatography-high-definition mass spectrometry. Chemico-Biological Interactions, 2017, 273, 11-17.	1.7	20
24	1 $\pm$ -Glucosidase Inhibitory Prenylated Anthranols from <i>Harungana madagascariensis</i> . Journal of Natural Products, 2016, 79, 224-229.	1.5	19
25	Quality assessment of crude and processed ginger by high-performance liquid chromatography with diode array detection and mass spectrometry combined with chemometrics. Journal of Separation Science, 2015, 38, 2945-2952.	1.3	17
26	Di- <i>nor</i> - and 17- <i>nor</i> -pimaranes from <i>Icacina trichantha</i> . Journal of Natural Products, 2016, 79, 1815-1821.	1.5	15
27	Modified diterpenoids from the tuber of <i>Icacina oliviformis</i> as protein tyrosine phosphatase 1B inhibitors. Organic Chemistry Frontiers, 2020, 7, 355-367.	2.3	15
28	Bruceine A induces cell growth inhibition and apoptosis through PFKFB4/GSK3 $\beta$ signaling in pancreatic cancer. Pharmacological Research, 2021, 169, 105658.	3.1	15
29	Pimarane-derived diterpenoids with anti- <i>Helicobacter pylori</i> activity from the tuber of <i>Icacina trichantha</i> . Organic Chemistry Frontiers, 2021, 8, 3014-3022.	2.3	15
30	Occurrence of multi-class mycotoxins in <i>Menthae haplocalycis</i> analyzed by ultra-fast liquid chromatography coupled with tandem mass spectrometry. Journal of Separation Science, 2018, 41, 3974-3984.	1.3	14
31	Regulation of serum lipidomics and amino acid profiles of rats with acute myocardial ischemia by <i>Salvia miltiorrhiza</i> and <i>Panax notoginseng</i> herb pair. Phytomedicine, 2020, 67, 153162.	2.3	14
32	Codelivery of Shikonin and siTGF- $\beta$ 2 for enhanced triple negative breast cancer chemo-immunotherapy. Journal of Controlled Release, 2022, 342, 308-320.	4.8	14
33	Germacranes and m-Menthane from <i>Illicium lanceolatum</i> . Molecules, 2014, 19, 4326-4337.	1.7	13
34	C21 steroidal glycosides from <i>Cynanchum stauntonii</i> induce apoptosis in HepG2 cells. Steroids, 2016, 106, 55-61.	0.8	13
35	Comparative pharmacokinetics of triterpenic acids in normal and immunosuppressed rats after oral administration of <i>Jujubae Fructus</i> extract by UPLC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1077-1078, 13-21.	1.2	13
36	Hybrid micelles codelivering shikonin and IDO-1 siRNA enhance immunotherapy by remodeling immunosuppressive tumor microenvironment. International Journal of Pharmaceutics, 2021, 597, 120310.	2.6	13

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37	Diselaginellin B, an Unusual Dimeric Molecule from <i>Selaginella pulvinata</i> , Inhibited Metastasis and Induced Apoptosis of SMMC-7721 Human Hepatocellular Carcinoma Cells. <i>Journal of Natural Products</i> , 2017, 80, 3151-3158.	1.5	12
38	Simultaneous determination of kaempferol, quercetin, mangiferin, gallic acid, p-hydroxybenzoic acid and chlorpheniramine maleate in rat plasma after oral administration of Mangoguo-ZhiKe tablets by UHPLC-MS/MS and its application to pharmacokinetics. <i>Biomedical Chromatography</i> , 2018, 32, e4155.	0.8	12
39	Euphorbia factor L2 inhibits TGF- $\beta$ -induced cell growth and migration of hepatocellular carcinoma through AKT/STAT3. <i>Phytomedicine</i> , 2019, 62, 152931.	2.3	12
40	A novel P38 $\beta$ MAPK activator Bruceine A exhibits potent anti-pancreatic cancer activity. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3437-3450.	1.9	12
41	A quantitative strategy of ultrasound-assisted digestion combined UPLC-MS/MS for rapid identifying species-specific peptide markers in the application of food gelatin authentication. <i>LWT - Food Science and Technology</i> , 2021, 147, 111590.	2.5	12
42	Discovery of peptide biomarkers by label-free peptidomics for discrimination of horn gelatin and hide gelatin from <i>Cervus nippon</i> Temminck. <i>Food Chemistry</i> , 2021, 363, 130347.	4.2	12
43	Liquid chromatography-diode array detector-electrospray mass spectrometry and principal components analyses of raw and processed moutan cortex. <i>Pharmacognosy Magazine</i> , 2016, 12, 50.	0.3	12
44	<i>Arabidopsis thaliana</i> extracts optimized for polyphenols production as potential therapeutics for the APOE-modulated neuroinflammation characteristic of Alzheimer's disease in vitro. <i>Scientific Reports</i> , 2016, 6, 29364.	1.6	11
45	A novel disulfide bond-mediated cleavable RGD-modified PAMAM nanocomplex containing nuclear localization signal HMGB1 for enhancing gene transfection efficiency. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7135-7153.	3.3	11
46	Exploratory Cortex Metabolic Profiling Revealed the Sedative Effect of Amber in Pentylentetrazole-Induced Epilepsy-Like Mice. <i>Molecules</i> , 2019, 24, 460.	1.7	11
47	Pharmacokinetic Comparisons of Multiple Triterpenic Acids from <i>Jububae Fructus</i> Extract Following Oral Delivery in Normal and Acute Liver Injury Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2047.	1.8	10
48	A versatile endosome acidity-induced sheddable gene delivery system: increased tumor targeting and enhanced transfection efficiency. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6519-6538.	3.3	10
49	Synthesis and activity of partial retro-inverso analogs of the antimetastatic laminin-derived peptide, YIGSR-NH <sub>2</sub> . <i>Chemical Biology and Drug Design</i> , 1997, 49, 240-253.	1.2	9
50	The influences of inorganic elements in soil on the development of famous - region <i>Atractylodes lancea</i> (Thunb.) DC. <i>Pharmacognosy Magazine</i> , 2015, 11, 337.	0.3	9
51	Activity of Icacinol from <i>Icacina trichantha</i> on Seedling Growth of <i>Oryza sativa</i> and <i>Arabidopsis thaliana</i> . <i>Journal of Natural Products</i> , 2017, 80, 3314-3318.	1.5	8
52	(9 $\beta$ H)- and 17-Nor-Pimaranes from <i>Icacina oliviformis</i> . <i>Journal of Natural Products</i> , 2021, 84, 949-955.	1.5	8
53	Quinone Derivatives as Promising Anti- <i>Helicobacter pylori</i> Agents from Aerial Parts of <i>Mitracarpus hirtus</i> . <i>Journal of Natural Products</i> , 2022, 85, 1029-1038.	1.5	7
54	<i>Icacina trichantha</i> , A Tropical Medicinal Plant. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	5

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55	Phytochemical study of <i>Illicium angustisepalum</i> and its biological activities. <i>Acta Pharmaceutica Sinica B</i> , 2017, 7, 485-490.	5.7	5
56	A Valid Bisphosphonate Modified Calcium Phosphate-Based Gene Delivery System: Increased Stability and Enhanced Transfection Efficiency In Vitro and In Vivo. <i>Pharmaceutics</i> , 2019, 11, 468.	2.0	5
57	A Novel Formononetin Derivative Promotes Anti-ischemic Effects on Acute Ischemic Injury in Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 786464.	1.5	5
58	Elaphuri Davidiani Cornu Improves Depressive-Like Behavior in Mice and Increases Neurotrophic Factor Expression in Mouse Primary Astrocytes via cAMP and ERK-Dependent Pathways. <i>Frontiers in Pharmacology</i> , 2020, 11, 593993.	1.6	4
59	19-nor-pimaranes from <i>Icacina trichantha</i> . <i>Fä-toterapÄ-Äç</i> , 2020, 144, 104612.	1.1	4
60	Response boosting-based approach for absolute quantification of gelatin peptides using LC-MS/MS. <i>Food Chemistry</i> , 2022, 390, 133111.	4.2	4
61	<i>cis</i> -Aconitic Anhydride Ethyl Ester and Phenolic Compounds from the Seeds of <i>Alisma orientale</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.2	3
62	Further prenylated anthranoids from <i>Harungana madagascariensis</i> . <i>Phytochemistry</i> , 2021, 186, 112711.	1.4	2
63	<i>Cis</i> -aconitic anhydride ethyl ester and phenolic compounds from the seeds of <i>Alisma orientale</i> . <i>Natural Product Communications</i> , 2012, 7, 785-7.	0.2	2
64	High-fat diet promotes colorectal carcinogenesis through SERCA2 mediated serine phosphorylation of Annexin A2. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106192.	1.2	2
65	A New C22â€Quassinoid with Antiâ€Pancreatic Adenocarcinoma Activity from Seeds of <i>Brucea javanica</i> . <i>Chemistry and Biodiversity</i> , 2022, 19, e202101004.	1.0	2
66	New triterpene saponins from the aerial parts of <i>Androsace umbellata</i> . <i>RSC Advances</i> , 2017, 7, 25765-25772.	1.7	1
67	Pharmacokinetic study on bruceoside A revealed the potential role of quassinoid glycosides for the anticancer properties of <i>Fructus Bruceae</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 264-272.	1.4	0
68	A strategy for the enrichment and characterization of disulfide bondâ€contained proteins from Chinese cobra ( <i>Naja atra</i> ) venom. <i>Journal of Separation Science</i> , 2022, 45, 812-823.	1.3	0