

# Ming Guo

## List of Publications by Year in descending order

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57  
papers

2,093  
citations

304743

22  
h-index

243625

44  
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63  
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63  
docs citations

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times ranked

2594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fighting Immune Cold and Reprogramming Immunosuppressive Tumor Microenvironment with Red Blood Cell Membrane-Camouflaged Nanobullets. <i>ACS Nano</i> , 2020, 14, 17442-17457.	14.6	190
2	Removal of methylene blue from aqueous solution by modified bamboo hydrochar. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 300-306.	6.0	154
3	Insights from nanotechnology in COVID-19 treatment. <i>Nano Today</i> , 2021, 36, 101019.	11.9	146
4	Recent advance in the C-F bond functionalization of trifluoromethyl-containing compounds. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3915-3942.	4.5	122
5	Effects of triazole fungicides on androgenic disruption and CYP3A4 enzyme activity. <i>Environmental Pollution</i> , 2017, 222, 504-512.	7.5	118
6	Recent Advances on Endocrine Disrupting Effects of UV Filters. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 782.	2.6	114
7	Binding Interaction of Gatifloxacin with Bovine Serum Albumin. <i>Analytical Sciences</i> , 2004, 20, 465-470.	1.6	110
8	Study on the binding interaction between carnitine optical isomer and bovine serum albumin. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2140-2148.	5.5	88
9	Effects of overexpression of AaWRKY1 on artemisinin biosynthesis in transgenic <i>Artemisia annua</i> plants. <i>Phytochemistry</i> , 2014, 102, 89-96.	2.9	83
10	The polyaminocarboxylated modified hydrochar for efficient capturing methylene blue and Cu(II) from water. <i>Bioresource Technology</i> , 2019, 275, 360-367.	9.6	79
11	Trichome isolation with and without fixation using laser microdissection and pressure catapulting followed by RNA amplification: Expression of genes of terpene metabolism in apical and sub-apical trichome cells of <i>Artemisia annua</i> L.. <i>Plant Science</i> , 2012, 183, 9-13.	3.6	72
12	Trichome-specific expression of the amorpha-4,11-diene 12-hydroxylase (cyp71av1) gene, encoding a key enzyme of artemisinin biosynthesis in <i>Artemisia annua</i> , as reported by a promoter-GUS fusion. <i>Plant Molecular Biology</i> , 2013, 81, 119-138.	3.9	72
13	Targeting Hypoxic Tumors with Hybrid Nanobullets for Oxygen-Independent Synergistic Photothermal and Thermodynamic Therapy. <i>Nano-Micro Letters</i> , 2021, 13, 99.	27.0	64
14	Sesquiterpene coumarins. <i>Phytochemistry Reviews</i> , 2012, 11, 77-96.	6.5	54
15	Structural Characterization of a Cu(I) Coordination Polymer Constructed by Weak Intermolecular Cu-Cl-Cl-Ar Interaction. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008, 18, 300-303.	3.7	48
16	The activity of the artemisinic aldehyde 11(13) reductase promoter is important for artemisinin yield in different chemotypes of <i>Artemisia annua</i> L.. <i>Plant Molecular Biology</i> , 2015, 88, 325-340.	3.9	45
17	Transient Expression of Hemagglutinin Antigen from Low Pathogenic Avian Influenza A (H7N7) in <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2012, 7, e33010.	2.5	41
18	Effects of polystyrene microplastics on the seed germination of herbaceous ornamental plants. <i>Science of the Total Environment</i> , 2022, 809, 151100.	8.0	36

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19	Î±-Mangostin Extraction from the Native Mangosteen ( <i>Garcinia mangostana</i> L.) and the Binding Mechanisms of Î±-Mangostin to HSA or TRF. <i>PLoS ONE</i> , 2016, 11, e0161566.	2.5	28
20	A Quantitative Structureâˆ’Property Relationship Analysis of logP for Disubstituted Benzenes. <i>Journal of Physical Chemistry A</i> , 2002, 106, 11550-11557.	2.5	27
21	Production of magnetic sodium alginate polyelectrolyte nanospheres for lead ions removal from wastewater. <i>Journal of Environmental Management</i> , 2021, 289, 112506.	7.8	26
22	Promoting Artemisinin Biosynthesis in <i>Artemisia annua</i> Plants by Substrate Channeling. <i>Molecular Plant</i> , 2016, 9, 946-948.	8.3	24
23	Molecularly imprinted polymer-based photocatalyst for highly selective degradation of methylene blue. <i>Environmental Research</i> , 2021, 194, 110684.	7.5	24
24	Analysis of the spectroscopic characteristics on the binding interaction between tosufloxacin and bovine lactoferrin. <i>Journal of Luminescence</i> , 2011, 131, 768-775.	3.1	23
25	Electrochemical sensor based on corncob biochar layer supported chitosan-MIPs for determination of dibutyl phthalate (DBP). <i>Journal of Electroanalytical Chemistry</i> , 2021, 897, 115549.	3.8	23
26	Effect of lignin degradation product sinapyl alcohol on laccase catalysis during lignin degradation. <i>Industrial Crops and Products</i> , 2019, 139, 111544.	5.2	22
27	Functional expression and characterization of sesquiterpene synthases from <i>Artemisia annua</i> L. using transient expression system in <i>Nicotiana benthamiana</i> . <i>Plant Cell Reports</i> , 2012, 31, 1309-1319.	5.6	21
28	Characterization of the Interaction between Gallic Acid and Lysozyme by Molecular Dynamics Simulation and Optical Spectroscopy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14786-14807.	4.1	21
29	Studies on the Expression of Sesquiterpene Synthases Using Promoter-Î²-Glucuronidase Fusions in Transgenic <i>Artemisia annua</i> L. <i>PLoS ONE</i> , 2013, 8, e80643.	2.5	19
30	Perfluorooctanoic acid exposure induces apoptosis in SMMC-7721 hepatocellular cancer cells. <i>Environmental Pollution</i> , 2019, 247, 509-514.	7.5	18
31	Effect of microwave/hydrothermal combined ionic liquid pretreatment on straw: Rumen anaerobic fermentation and enzyme hydrolysis. <i>Environmental Research</i> , 2022, 205, 112453.	7.5	17
32	Comparison of the interaction between lactoferrin and isomeric drugs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 593-607.	3.9	16
33	Chlorinated phosphorus flame retardants exert oxidative damage to SMMC-7721 human hepatocarcinoma cells. <i>Science of the Total Environment</i> , 2020, 705, 135777.	8.0	12
34	A facile synthesis of molecularly imprinted polymers and their properties as electrochemical sensors for ethyl carbamate analysis. <i>RSC Advances</i> , 2018, 8, 39721-39730.	3.6	11
35	Structure of six anhydrous molecular salts assembled from noncovalent associations between carboxylic acids and bis-N-imidazoles. <i>Journal of Molecular Structure</i> , 2012, 1022, 220-231.	3.6	10
36	A Molecularly Imprinted Fluorescence Sensor Based on the ZnO Quantum Dot Coreâˆ’Shell Structure for High Selectivity and Photolysis Function of Methylene Blue. <i>ACS Omega</i> , 2020, 5, 20664-20673.	3.5	10

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37	Preparation of biological sustained-release nanocapsules and explore on algae-killing properties. <i>Journal of Advanced Research</i> , 2021, 31, 87-96.	9.5	10
38	Binding between lead ions and the high-abundance serum proteins. <i>Chemosphere</i> , 2014, 112, 472-480.	8.2	9
39	Electrocatalytic Properties of a Novel $\text{PbO}_2/\text{Halloysite}$ Nanotube Composite Electrode. <i>ACS Omega</i> , 2021, 6, 5436-5444.	3.5	9
40	Study on the Interaction between Pefloxacin Mesylate and Human Serum Albumin. <i>Chinese Journal of Chemistry</i> , 2005, 23, 37-43.	4.9	8
41	Eco-friendly soy protein isolate-based films strengthened by water-soluble glycerin epoxy resin. <i>Progress in Organic Coatings</i> , 2022, 162, 106566.	3.9	8
42	Synthesis of switchable intelligent molecularly imprinted polymers with selective adsorption of ethyl carbamate and their application in electrochemical sensor analysis. <i>RSC Advances</i> , 2018, 8, 25636-25644.	3.6	6
43	Electrochemical Characteristics of Gatifloxacin and Its Interaction with DNA. <i>Analytical Sciences</i> , 2006, 22, 685-689.	1.6	5
44	Synthesis, characterization and properties of cellulose-grafted glycine derivatives. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	5
45	Crystal Structures of Three Organic Adducts Produced by N6-Benzyladenine, Trichloroacetic Acid, 3-Nitrophthalic Acid, and Citric Acid. <i>Journal of Chemical Crystallography</i> , 2016, 46, 399-410.	1.1	5
46	Nine supramolecular assemblies from 5,7-dimethyl-1,8-naphthyridine-2-amine and carboxylic acids by strong classical H-bonds and other noncovalent associations. <i>Journal of Molecular Structure</i> , 2017, 1150, 595-613.	3.6	5
47	Atomic-scale investigation of the interaction between coniferyl alcohol and laccase for lignin degradation using molecular dynamics simulations and spectroscopy. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 686-694.	2.4	5
48	Hyperbranched Molecularly Imprinted Photoactive Polymers and Its Detection of Tetracycline Antibiotics. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1234-1242.	4.4	5
49	Biobased Epoxies Derived from Myrcene and Plant Oil: Design and Properties of Their Cured Products. <i>ACS Omega</i> , 2020, 5, 28918-28928.	3.5	4
50	Noncovalent-bonded 3D Cd(II) and Zn(II) supramolecular metal-organic frameworks from 3,3',5,5'-tetramethyl-4,4'-bipyrazole and carboxylates. <i>Journal of Coordination Chemistry</i> , 2021, 74, 1106-1123.	2.2	4
51	Evaluating the Environmental Health Effect of Bamboo-Derived Volatile Organic Compounds through Analysis the Metabolic Indices of the Disorder Animal Model. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 595-605.	0.2	4
52	Synthesis, properties and applications of self-repairing carbohydrates as smart materials via thermally reversible DA bonds. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1026-1037.	3.2	3
53	A novel biodegradable hyperbranched polyester prepared from cellulose and tyrosine via the synthesis route of glycopeptides. <i>Polymer Chemistry</i> , 2015, 6, 2822-2826.	3.9	2
54	A facile route to synthesize hyperbranched polyester derived from cellulose and serine and its biodegradability. <i>Reactive and Functional Polymers</i> , 2019, 140, 62-71.	4.1	2

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55	Anti-tumor effect of synthetic baicalin-rare earth metal complex drugs on SMMC-7721 cells. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3851-3864.	3.4	2
56	Construction of supramolecular laccase enzymes and understanding of catalytic dye degradation using multispectral and molecular docking approaches. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1940-1949.	3.7	2
57	Delivery Mechanism of the Pharmaceutical Complex of Genistein-Adenine Based on Spectroscopic and Molecular Modelling at Atomic Scale. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000944.	2.1	1