

Qin Wang

List of Publications by Year in descending order

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94
papers

2,527
citations

236925

25
h-index

214800

47
g-index

104
all docs

104
docs citations

104
times ranked

3403
citing authors

#	ARTICLE	IF	CITATIONS
1	Lymph node targeting strategies to improve vaccination efficacy. <i>Journal of Controlled Release</i> , 2017, 267, 47-56.	9.9	207
2	Targeted delivery of low-dose dexamethasone using PCL-PEG micelles for effective treatment of rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2016, 230, 64-72.	9.9	171
3	Targeting NF- κ B signaling with polymeric hybrid micelles that co-deliver siRNA and dexamethasone for arthritis therapy. <i>Biomaterials</i> , 2017, 122, 10-22.	11.4	161
4	Combining photothermal therapy and immunotherapy against melanoma by polydopamine-coated Al ₂ O ₃ nanoparticles. <i>Theranostics</i> , 2018, 8, 2229-2241.	10.0	116
5	pH-sensitive polymeric micelles for targeted delivery to inflamed joints. <i>Journal of Controlled Release</i> , 2017, 246, 133-141.	9.9	114
6	Highly Enantioselective Synthesis of β -Hydroxy- α -acetylenic Esters by Asymmetric Alkyne Addition to Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 122-125.	13.8	111
7	Recent advances in nanomedicines for the treatment of rheumatoid arthritis. <i>Biomaterials Science</i> , 2017, 5, 1407-1420.	5.4	100
8	Reinforced conducting hydrogels prepared from the in situ polymerization of aniline in an aqueous solution of sodium alginate. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16516-16522.	10.3	93
9	Enantioselective Fluorescent Recognition of Amino Alcohols by a Chiral Tetrahydroxyl 1,1'-Binaphthyl Compound. <i>Journal of Organic Chemistry</i> , 2007, 72, 97-101.	3.2	82
10	Monometallic complexes of 1,4,7,10-tetraazacyclododecane containing an imidazolium side: Synthesis, characterization, and their interaction with plasmid DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4151-4157.	3.0	79
11	Highly Reactive Porphyrin-Iron Oxo Derivatives Produced by Photolyses of Metastable Porphyrin-Iron(IV) Diperchlorates. <i>Journal of the American Chemical Society</i> , 2009, 131, 2621-2628.	13.7	71
12	Quantitative Production of Compound I from a Cytochrome P450 Enzyme at Low Temperatures. Kinetics, Activation Parameters, and Kinetic Isotope Effects for Oxidation of Benzyl Alcohol. <i>Journal of the American Chemical Society</i> , 2009, 131, 10629-10636.	13.7	58
13	Fluoride induces apoptosis via inhibiting SIRT1 activity to activate mitochondrial p53 pathway in human neuroblastoma SH-SY5Y cells. <i>Toxicology and Applied Pharmacology</i> , 2018, 347, 60-69.	2.8	58
14	Electrochemical immunosensor for detecting the spore wall protein of <i>Nosema bombycis</i> based on the amplification of hemin/G-quadruplex DNAzyme concatamers functionalized Pt@Pd nanowires. <i>Biosensors and Bioelectronics</i> , 2014, 60, 118-123.	10.1	47
15	A crystalline covalent organic framework embedded with a crystalline supramolecular organic framework for efficient iodine capture. <i>Journal of Materials Chemistry A</i> , 2021, 9, 16961-16966.	10.3	43
16	Sirtuin 6 inhibits myofibroblast differentiation via inactivating transforming growth factor- β 1/Smad2 and nuclear factor- κ B signaling pathways in human fetal lung fibroblasts. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 93-104.	2.6	41
17	Rationally Designed Self-Assembling Nanoparticles to Overcome Mucus and Epithelium Transport Barriers for Oral Vaccines against <i>Helicobacter pylori</i> . <i>Advanced Functional Materials</i> , 2018, 28, 1802675.	14.9	37
18	Enzyme-assisted cycling amplification and DNA-templated in-situ deposition of silver nanoparticles for the sensitive electrochemical detection of Hg ²⁺ . <i>Biosensors and Bioelectronics</i> , 2016, 86, 630-635.	10.1	36

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19	Efficient entanglement concentration for concatenated Greenbergerâ€“Horneâ€“Zeilinger state with the cross-Kerr nonlinearity. <i>Quantum Information Processing</i> , 2016, 15, 1669-1687.	2.2	31
20	Ghrelin Restores the Disruption of the Circadian Clock in Steatotic Liver. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3134.	4.1	30
21	Combined delivery of a TGF- β 2 inhibitor and an adenoviral vector expressing interleukin-12 potentiates cancer immunotherapy. <i>Acta Biomaterialia</i> , 2017, 61, 114-123.	8.3	29
22	Bio-inspired polymer envelopes around adenoviral vectors to reduce immunogenicity and improve in vivo kinetics. <i>Acta Biomaterialia</i> , 2016, 30, 94-105.	8.3	28
23	Multi-Year Comparison of CO2 Concentration from NOAA Carbon Tracker Reanalysis Model with Data from GOSAT and OCO-2 over Asia. <i>Remote Sensing</i> , 2020, 12, 2498.	4.0	27
24	Transcriptome sequencing and differential gene expression analysis in <i>Viola yedoensis</i> Makino (Fam. Tj ETQq0 0 0 rgBT /Overlock 10 Tf Communications, 2015, 459, 60-65.	2.1	26
25	Kinetics and Activation Parameters for Oxidations of Styrene by Compounds I from the Cytochrome P450_{BM-3} (CYP102A1) Heme Domain and from CYP119. <i>Biochemistry</i> , 2009, 48, 9140-9146.	2.5	25
26	An amplified electrochemical proximity immunoassay for the total protein of <i>Nosema bombycis</i> based on the catalytic activity of Fe3O4NPs towards methylene blue. <i>Biosensors and Bioelectronics</i> , 2016, 81, 382-387.	10.1	25
27	Optimized in vivo performance of acid-labile micelles for the treatment of rheumatoid arthritis by one single injection. <i>Nano Research</i> , 2019, 12, 421-428.	10.4	24
28	Astragaloside IV inhibits hepatocellular carcinoma by continually suppressing the development of fibrosis and regulating pSmad3C/3L and Nrf2/HO-1 pathways. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114350.	4.1	24
29	Diverse Transformations of Chiral Propargylic Alcohols Generated by BINOL-Catalyzed Alkyne Addition to Aldehydes. <i>Synlett</i> , 2013, 24, 1340-1363.	1.8	23
30	1,1â€“Binaphthyl ligands with bulky 3,3â€“tertiaryalkyl substituents for the asymmetric alkyne addition to aromatic aldehydes. <i>Tetrahedron</i> , 2007, 63, 4422-4428.	1.9	22
31	Validation of GOSAT and OCO-2 against In Situ Aircraft Measurements and Comparison with CarbonTracker and GEOS-Chem over Qinhuangdao, China. <i>Remote Sensing</i> , 2021, 13, 899.	4.0	22
32	Engineering P450 Peroxygenase to Catalyze Highly Enantioselective Epoxidation of <i>cis</i> -1,2-Methylstyrenes. <i>Chemistry - A European Journal</i> , 2016, 22, 10969-10975.	3.3	21
33	Ghrelin ameliorates nonalcoholic steatohepatitis induced by chronic lowâ€“grade inflammation via blockade of Kupffer cellâ€“M1 polarization. <i>Journal of Cellular Physiology</i> , 2021, 236, 5121-5133.	4.1	20
34	Optimization and quality assessment of adventitious roots culture in <i>Panax quinquefolium</i> L.. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 713-719.	2.1	19
35	Synergistic enhancement of cytotoxicity against cancer cells by incorporation of rectorite into the paclitaxel immobilized cellulose acetate nanofibers. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 672-680.	7.5	19
36	Assessing the development and treatment of rheumatoid arthritis using multiparametric photoacoustic and ultrasound imaging. <i>Journal of Biophotonics</i> , 2019, 12, e201900127.	2.3	18

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37	Blood pressure and renal function decline. <i>Journal of Hypertension</i> , 2015, 33, 136-143.	0.5	17
38	Effects of Nisin, Cecropin, and Penthorum chinense Pursh on the Intestinal Microbiome of Common Carp (<i>Cyprinus carpio</i>). <i>Frontiers in Nutrition</i> , 2021, 8, 729437.	3.7	17
39	Enhanced Turnover for the P450 119 Peroxygenase-Catalyzed Asymmetric Epoxidation of Styrenes by Random Mutagenesis. <i>Chemistry - A European Journal</i> , 2018, 24, 2741-2749.	3.3	16
40	Liposome mediated-CYP1A1 gene silencing nanomedicine prepared using lipid film-coated proliposomes as a potential treatment strategy of lung cancer. <i>International Journal of Pharmaceutics</i> , 2019, 566, 185-193.	5.2	16
41	Mechanistic Study on a BINOL-Coumarin-Based Probe for Enantioselective Fluorescent Recognition of Amino Acids. <i>Journal of Organic Chemistry</i> , 2020, 85, 6352-6358.	3.2	16
42	Directed evolution of <i>Streptomyces lividans</i> xylanase B toward enhanced thermal and alkaline pH stability. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 93-100.	3.6	15
43	Highly enantioselective addition of linear alkyl alkynes to aromatic aldehydes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1142-1146.	1.8	15
44	Enhanced turnover rate and enantioselectivity in the asymmetric epoxidation of styrene by new T213G mutants of CYP 119. <i>RSC Advances</i> , 2014, 4, 27526-27531.	3.6	15
45	Characterization of a thermostable phytase from <i>Bacillus licheniformis</i> WHU and further stabilization of the enzyme through disulfide bond engineering. <i>Enzyme and Microbial Technology</i> , 2020, 142, 109679.	3.2	15
46	Tissue factor pathway inhibitor-2 induced hepatocellular carcinoma cell differentiation. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 95-102.	3.8	14
47	Excitation of One Fluorescent Probe at Two Different Wavelengths to Determine the Concentration and Enantiomeric Composition of Amino Acids. <i>Organic Letters</i> , 2019, 21, 9036-9039.	4.6	14
48	Biogenic iron mineralization of polyferric sulfate by dissimilatory iron reducing bacteria: Effects of medium composition and electric field stimulation. <i>Science of the Total Environment</i> , 2019, 684, 466-475.	8.0	14
49	ALKBH5 promotes cadmium-induced transformation of human bronchial epithelial cells by regulating PTEN expression in an m6A-dependent manner. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112686.	6.0	13
50	Associations between Serum-Intact Parathyroid Hormone, Serum 25-Hydroxyvitamin D. Oral Vitamin D Analogs and Metabolic Syndrome in Peritoneal Dialysis Patients: A Multi-Center Cross-Sectional Study. <i>Peritoneal Dialysis International</i> , 2014, 34, 447-455.	2.3	12
51	Enhancement of keratin-degradation ability of the keratinase KerBL from <i>Bacillus licheniformis</i> WHU by proximity-triggered chemical crosslinking. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1458-1470.	7.5	12
52	PLA ₂ -Triggered Release of Drugs from Self-Assembled Lipid Tubules for Arthritis Treatments. <i>ACS Applied Bio Materials</i> , 2020, 3, 6488-6496.	4.6	12
53	Structure of a Dimeric BINOL-Imine-Zn(II) Complex and Its Role in Enantioselective Fluorescent Recognition. <i>Inorganic Chemistry</i> , 2020, 59, 17992-17998.	4.0	11
54	Comparative analysis of the gut microbiota of grass carp fed with chicken faeces. <i>Environmental Science and Pollution Research</i> , 2020, 27, 32888-32898.	5.3	11

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55	Synthesis of small cyclic peptides containing disulfide bonds. <i>Arkivoc</i> , 2006, 2006, 148-154.	0.5	11
56	Alkylation of 3-Formyl-BINOL and Its Strong Effect on the Fluorescence Recognition of 1,3-Diaminopropane. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4972-4977.	2.4	9
57	Preparation of pyrido[1,2-c][1,2,4]triazole-based π -conjugated triazene as a Fe ³⁺ ion fluorescent sensor. <i>Chinese Chemical Letters</i> , 2019, 30, 1059-1062.	9.0	9
58	Insight Into the Effects of Nisin and Cecropin on the Oral Microbial Community of Rats by High-Throughput Sequencing. <i>Frontiers in Microbiology</i> , 2020, 11, 1082.	3.5	9
59	Nocturnal Systolic Hypertension and Adverse Prognosis in Patients with CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 356-364.	4.5	9
60	Enhancement of Activity and Thermostability of Keratinase From <i>Pseudomonas aeruginosa</i> CCTCC AB2013184 by Directed Evolution With Noncanonical Amino Acids. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 770907.	4.1	9
61	Spatiotemporal Investigation of Near-Surface CO ₂ and Its Affecting Factors Over Asia. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	6.3	9
62	Total Synthesis of Chiral Falcarindiol Analogues Using BINOL-Promoted Alkyne Addition to Aldehydes. <i>Molecules</i> , 2016, 21, 112.	3.8	7
63	Dynamic Mapping and Quality of Service Driven Re-Embedding in Virtualization Environment. , 2019, , .		7
64	White-coat hypertension and incident end-stage renal disease in patients with non-dialysis chronic kidney disease: results from the C-STRIDE Study. <i>Journal of Translational Medicine</i> , 2020, 18, 238.	4.4	7
65	Astragaloside IV suppresses migration and invasion of TGF- β ¹ -induced human hepatoma HuH-7 cells by regulating Nrf2/HO-1 and TGF- β ¹ /Smad3 pathways. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 397-405.	3.0	7
66	Highly enantioselective catalytic methyl propiolate addition to both aromatic and aliphatic aldehydes. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 428-435.	1.8	6
67	Highly Enantioselective Synthesis and Anticancer Activities of Chiral Conjugated Diynols. <i>ChemBioChem</i> , 2018, 19, 2293-2299.	2.6	6
68	Enhanced Activity and Substrate Specificity by Site-Directed Mutagenesis for the P450 119 Peroxygenase Catalyzed Sulfoxidation of Thioanisole. <i>ChemistryOpen</i> , 2019, 8, 1076-1083.	1.9	6
69	Reinforcement of phenylalanine-based supramolecular hydrogels by hybridizing poly(N-isopropylacrylamide) nanogels. <i>RSC Advances</i> , 2014, 4, 22380-22386.	3.6	5
70	Access to Fluorescent Azines from N-Heterocyclic Carbene Precursors and N-Tosylhydrazones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1825-1830.	4.3	5
71	Comparative Analyses of the Transcriptome and Proteome of <i>Escherichia coli</i> C321. Δ - ^{3A} and Further Improving Its Noncanonical Amino Acids Containing Protein Expression Ability by Integration of T7 RNA Polymerase. <i>Frontiers in Microbiology</i> , 2021, 12, 744284.	3.5	5
72	Genome-wide identification and expression pattern analysis of novel chemosensory genes in the German cockroach <i>Blattella germanica</i> . <i>Genomics</i> , 2022, 114, 110310.	2.9	5

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73	Optimization of balloon-type bubble bioreactor angle and methyl jasmonate concentration to enhance metabolite production in adventitious roots of <i>Pseudostellaria heterophylla</i> . <i>Research on Chemical Intermediates</i> , 2015, 41, 5555-5563.	2.7	4
74	Utilization of antihypertensive drugs among chronic kidney disease patients: Results from the Chinese cohort study of chronic kidney disease (Câ€STRIDE). <i>Journal of Clinical Hypertension</i> , 2020, 22, 57-64.	2.0	4
75	Highly Diastereoselective Synthesis of 2,2-Disubstituted Cyclopentane-1,3-diols via Stepwise Ketone Reduction Enabling Concise Chirality Construction. <i>Journal of Organic Chemistry</i> , 2020, 85, 9599-9606.	3.2	4
76	CircSPAG16 suppresses cadmiumâ€induced transformation of human bronchial epithelial cells by decoying PIP5K1 α to inactivate Akt. <i>Molecular Carcinogenesis</i> , 2021, 60, 582-594.	2.7	4
77	Influence of step-wise aeration treatment on biomass and bioactive compounds of <i>Panax ginseng</i> adventitious root in balloon-type bubble bioreactor. <i>Research on Chemical Intermediates</i> , 2015, 41, 623-629.	2.7	3
78	A Primeâ€Boost Strategy Combining Intravaginal and Intramuscular Administration of Homologous Adenovirus to Enhance Immune Response Against HIV-1 in Mice. <i>Human Gene Therapy</i> , 2016, 27, 219-229.	2.7	3
79	Effects of temperature and pressure on the nucleation and growth of silver clusters from supersaturated vapor: A molecular dynamics analysis. <i>International Journal of Modern Physics B</i> , 2017, 31, 1750057.	2.0	3
80	Selective detection of Cys and GSH by using one fluorescent probe at two excitation wavelengths. <i>Tetrahedron Letters</i> , 2020, 61, 152462.	1.4	3
81	A novel circular RNA, circPUS7 promotes cadmium-induced transformation of human bronchial epithelial cells by regulating Kirsten rat sarcoma viral oncogene homolog expression via sponging miR-770. <i>Metalomics</i> , 2021, 13, .	2.4	3
82	Characterization of novel Tn7-derivatives and Tn7-like transposon found in <i>Proteus mirabilis</i> of food-producing animal origin in China. <i>Journal of Global Antimicrobial Resistance</i> , 2022, , .	2.2	3
83	Asymmetric synthesis of 2,6-substituted dihydropyrone catalyzed by 3-monosubstituted and 3,3â€bisubstituted BINOL titanium complexes. <i>Chemical Papers</i> , 2008, 62, .	2.2	2
84	Construction of functional chimeras of syntaxin-1A and its yeast orthologue, and their application to the yeast cell-based assay for botulinum neurotoxin serotype C. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 129396.	2.4	2
85	Synthesis, Anticancer Activity, Structureâ€Activity Relationship and Mechanistic Investigations of Falcarindiol Analogues. <i>ChemMedChem</i> , 2021, 16, 3569-3575.	3.2	2
86	Copper-catalyzed cleavage of benzyl ethers with (diacetoxyiodo)- benzene and p-toluenesulfonamide. <i>Arkivoc</i> , 2008, 2008, 103-108.	0.5	2
87	Distinct skin morphological and transcriptomic profiles between wild and albino <i>Oscar Astronotus ocellatus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2022, 41, 100944.	1.0	2
88	A Racemic Naphthylâ€Coumarinâ€Based Probe for Quantitative Enantiomeric Excess Analysis of Amino Acids and Enantioselective Sensing of Amines and Amino Alcohols. <i>ChemistryOpen</i> , 2022, 11, .	1.9	2
89	Smad3 gene C-terminal phosphorylation site mutation exacerbates CCl4-induced hepatic fibrogenesis by promoting pSmad2L/C-mediated signaling transduction. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1779-1786.	3.0	1
90	Synthesis and Biological Evaluation of Falcarinol-Type Analogues as Potential Calcium Channel Blockers. <i>Journal of Natural Products</i> , 2021, 84, 2138-2148.	3.0	1

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91	UNIFORM EMBEDDINGS OF FREE PRODUCTS INTO UNIFORMLY CONVEX BANACH SPACES. Bulletin of the London Mathematical Society, 2006, 38, 139-142.	0.8	0
92	Use of partial least-squares discriminant analysis to study the effects of gradual scale-up of culture, and optimization of bioreactor angle and aeration volume on culture of <i>Panax quinquefolium</i> L. adventitious roots in a 5-L balloon-type bubble bioreactor. Research on Chemical Intermediates, 2015, 41, 6707-6720.	2.7	0
93	HPLC Determination of Enantiomeric Purity for 1-Styrene-3-Hexyl Propynol. Journal of Chromatographic Science, 2016, 54, 1794-1799.	1.4	0
94	Synthesis and copolymerization of pentachlorophenyl acrylate monomers. Arkivoc, 2007, 2006, 75-82.	0.5	0