

# Qiao-Yan Zhang

## List of Publications by Year in descending order

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85  
papers

2,902  
citations

136885

32  
h-index

197736

49  
g-index

89  
all docs

89  
docs citations

89  
times ranked

3274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Traditional Chinese medicine formulas for the treatment of osteoporosis: Implication for antiosteoporotic drug discovery. <i>Journal of Ethnopharmacology</i> , 2016, 189, 61-80.	2.0	171
2	<i>Morinda officinalis</i> How. "A comprehensive review of traditional uses, phytochemistry and pharmacology. <i>Journal of Ethnopharmacology</i> , 2018, 213, 230-255.	2.0	127
3	Antioosteoporotic chemical constituents from Er-Xian Decoction, a traditional Chinese herbal formula. <i>Journal of Ethnopharmacology</i> , 2008, 118, 271-279.	2.0	106
4	Antioosteoporotic Activity of Anthraquinones from <i>Morinda officinalis</i> on Osteoblasts and Osteoclasts. <i>Molecules</i> , 2009, 14, 573-583.	1.7	105
5	Coumarins from <i>Cnidium monnieri</i> and their Antiosteoporotic Activity. <i>Planta Medica</i> , 2007, 73, 13-19.	0.7	97
6	Endophytic fungi with antitumor activities: Their occurrence and anticancer compounds. <i>Critical Reviews in Microbiology</i> , 2016, 42, 1-20.	2.7	85
7	Medicinal plants of genus <i>Curculigo</i> : Traditional uses and a phytochemical and ethnopharmacological review. <i>Journal of Ethnopharmacology</i> , 2013, 147, 547-563.	2.0	76
8	<i>Rehmannia glutinosa</i> Libosch Extracts Prevent Bone Loss and Architectural Deterioration and Enhance Osteoblastic Bone Formation by Regulating the IGF-1/PI3K/mTOR Pathway in Streptozotocin-Induced Diabetic Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3964.	1.8	75
9	Antioosteoporotic activity of phenolic compounds from <i>Curculigo orchioides</i> . <i>Phytomedicine</i> , 2009, 16, 874-881.	2.3	73
10	Effects of a traditional Chinese herbal preparation on osteoblasts and osteoclasts. <i>Maturitas</i> , 2008, 61, 334-339.	1.0	70
11	<i>Cnidium monnieri</i> : A Review of Traditional Uses, Phytochemical and Ethnopharmacological Properties. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 835-877.	1.5	62
12	Anthraquinone compounds from <i>Morinda officinalis</i> inhibit osteoclastic bone resorption in vitro. <i>Chemico-Biological Interactions</i> , 2011, 194, 97-105.	1.7	59
13	Red Yeast Rice: A Systematic Review of the Traditional Uses, Chemistry, Pharmacology, and Quality Control of an Important Chinese Folk Medicine. <i>Frontiers in Pharmacology</i> , 2019, 10, 1449.	1.6	59
14	Potential Antiosteoporotic Agents from Plants: A Comprehensive Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-28.	0.5	58
15	Antioosteoporotic activity of Er-Xian Decoction, a traditional Chinese herbal formula, in ovariectomized rats. <i>Journal of Ethnopharmacology</i> , 2006, 108, 96-102.	2.0	57
16	New thiazinediones and other components from <i>Xanthium strumarium</i> . <i>Chemistry of Natural Compounds</i> , 2006, 42, 567-570.	0.2	53
17	Structural characterization and radioprotection of bone marrow hematopoiesis of two novel polysaccharides from the root of <i>Angelica sinensis</i> (Oliv.) Diels. <i>FÄ-toterapÄ-Äc</i> , 2012, 83, 1712-1720.	1.1	53
18	Effects of dietary resveratrol on excess-iron-induced bone loss via antioxidative character. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1174-1182.	1.9	51

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19	Protective effect of steroidal saponins from rhizome of <i>Anemarrhena asphodeloides</i> on ovariectomy-induced bone loss in rats. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 728-734.	2.8	50
20	Monotropein isolated from the roots of <i>Morinda officinalis</i> increases osteoblastic bone formation and prevents bone loss in ovariectomized mice. <i>FÄ-toterapÄ-Äç</i> , 2016, 110, 166-172.	1.1	45
21	Hepatotoxic constituents and toxicological mechanism of <i>Xanthium strumarium</i> L. fruits. <i>Journal of Ethnopharmacology</i> , 2014, 152, 272-282.	2.0	44
22	Inhibitory Effects of <i>Morinda officinalis</i> Extract on Bone Loss in Ovariectomized Rats. <i>Molecules</i> , 2009, 14, 2049-2061.	1.7	43
23	Curculigoside isolated from <i>Curculigo orchioides</i> prevents hydrogen peroxide-induced dysfunction and oxidative damage in calvarial osteoblasts. <i>Acta Biochimica Et Biophysica Sinica</i> , 2012, 44, 431-441.	0.9	43
24	A 1HNMR-Based Metabonomics Study of Postmenopausal Osteoporosis and Intervention Effects of Er-Xian Decoction in Ovariectomized Rats. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7635-7651.	1.8	42
25	Anti-allergic rhinitis effect of caffeoylxanthiazonoside isolated from fruits of <i>Xanthium strumarium</i> L. in rodent animals. <i>Phytomedicine</i> , 2014, 21, 824-829.	2.3	42
26	Docking study and antiosteoporosis effects of a dibenzylbutane lignan isolated from <i>Litsea cubeba</i> targeting Cathepsin K and MEK1. <i>Medicinal Chemistry Research</i> , 2018, 27, 2062-2070.	1.1	41
27	Comparison of Headspace SPME with Hydrodistillation and SFE for Analysis of the Volatile Components of the Roots of <i>Valeriana officinalis</i> var. <i>latifolia</i> . <i>Chromatographia</i> , 2009, 69, 489-496.	0.7	39
28	Monotropein attenuates oxidative stress via Akt/mTOR-mediated autophagy in osteoblast cells. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109566.	2.5	39
29	Roles of gut microbiota and metabolites in a homogalacturonan-type pectic polysaccharide from <i>Ficus pumila</i> Linn. fruits mediated amelioration of obesity. <i>Carbohydrate Polymers</i> , 2020, 248, 116780.	5.1	39
30	Comparative Effects of Er-Xian Decoction, <i>Epimedium</i> Herbs, and Icariin with Estrogen on Bone and Reproductive Tissue in Ovariectomized Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	38
31	Curculigoside Protects against Excess-Iron-Induced Bone Loss by Attenuating Akt-FoxO1-Dependent Oxidative Damage to Mice and Osteoblastic MC3T3-E1 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	38
32	Carbon nanotube-polymer composite for effervescent pipette tip solid phase microextraction of alkaloids and flavonoids from <i>Epimedium herba</i> in biological samples. <i>Talanta</i> , 2017, 162, 10-18.	2.9	36
33	Curculigoside attenuates oxidative stress and osteoclastogenesis via modulating Nrf2/NF- $\kappa$ B signaling pathway in RAW264.7 cells. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114129.	2.0	35
34	FAM46C is critical for the anti-proliferation and pro-apoptotic effects of norcantharidin in hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2017, 7, 396.	1.6	34
35	Monotropein attenuates ovariectomy and LPS-induced bone loss in mice and decreases inflammatory impairment on osteoblast through blocking activation of NF- $\kappa$ B pathway. <i>Chemico-Biological Interactions</i> , 2018, 291, 128-136.	1.7	34
36	Comparative proteomic and metabolomic analysis reveal the antiosteoporotic molecular mechanism of icariin from <i>Epimedium brevicornu maxim.</i> <i>Journal of Ethnopharmacology</i> , 2016, 192, 370-381.	2.0	33

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37	Comparative research of chemical constituents and bioactivities between petroleum ether extracts of the aerial part and the rhizome of <i>Atractylodes macrocephala</i> . <i>Medicinal Chemistry Research</i> , 2011, 20, 146-151.	1.1	32
38	Metabolomics Profiling Reveals <i>Rehmanniae Radix Preparata</i> Extract Protects against Glucocorticoid-Induced Osteoporosis Mainly via Intervening Steroid Hormone Biosynthesis. <i>Molecules</i> , 2019, 24, 253.	1.7	30
39	Effects of ophiopogonin B on the proliferation and apoptosis of SGC-7901 human gastric cancer cells. <i>Molecular Medicine Reports</i> , 2016, 13, 4981-4986.	1.1	29
40	Isoquinoline alkaloids from <i>Broussonetia papyrifera</i> fruits. <i>Chemistry of Natural Compounds</i> , 2007, 43, 100-102.	0.2	28
41	Effects and Interaction of Icariin, Curculigoside, and Berberine in Er-Xian Decoction, a Traditional Chinese Medicinal Formula, on Osteoclastic Bone Resorption. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-12.	0.5	27
42	New cytotoxic compounds of endophytic fungus <i>Alternaria</i> sp. isolated from <i>Broussonetia papyrifera</i> (L.) Vent. <i>FĀ-toterapĀ-ĀĈ</i> , 2016, 110, 173-180.	1.1	26
43	Metabolomics profiling provides valuable insights into the underlying mechanisms of <i>Morinda officinalis</i> on protecting glucocorticoid-induced osteoporosis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 336-346.	1.4	26
44	Coordinate regulatory osteogenesis effects of icariin, timosaponin B II and ferulic acid from traditional Chinese medicine formulas on UMR-106 osteoblastic cells and osteoblasts in neonatal rat calvaria cultures. <i>Journal of Ethnopharmacology</i> , 2016, 185, 120-131.	2.0	25
45	Rubiadin-1-methyl ether from <i>Morinda officinalis</i> How. Inhibits osteoclastogenesis through blocking RANKL-induced NF-ĤB pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 927-931.	1.0	24
46	Structure of a polysaccharide from <i>Trichoderma atroviride</i> and its promotion on tanshinones production in <i>Salvia miltiorrhiza</i> hairy roots. <i>Carbohydrate Polymers</i> , 2019, 223, 115125.	5.1	24
47	Processing and Polyherbal Formulation of <i>Tetradium ruticarpum</i> (A. Juss.) Hartley: Phytochemistry, Pharmacokinetics, and Toxicity. <i>Frontiers in Pharmacology</i> , 2020, 11, 133.	1.6	24
48	Roles and action mechanisms of WNT4 in cell differentiation and human diseases: a review. <i>Cell Death Discovery</i> , 2021, 7, 287.	2.0	24
49	Chemical Fingerprinting and Hierarchical Clustering Analysis of <i>Centella asiatica</i> from Different Locations in China. <i>Chromatographia</i> , 2009, 69, 51-57.	0.7	23
50	Bajitianwan attenuates D-galactose-induced memory impairment and bone loss through suppression of oxidative stress in aging rat model. <i>Journal of Ethnopharmacology</i> , 2020, 261, 112992.	2.0	23
51	Qualitative and quantitative analysis on chemical constituents from <i>Curculigo orchioides</i> using ultra high performance liquid chromatography coupled with electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 236-245.	1.4	22
52	Diversity of rhizosphere and endophytic fungi in <i>Atractylodes macrocephala</i> during continuous cropping. <i>PeerJ</i> , 2020, 8, e8905.	0.9	22
53	Effects of Curculigoside on Memory Impairment and Bone Loss via Anti-Oxidative Character in APP/PS1 Mutated Transgenic Mice. <i>PLoS ONE</i> , 2015, 10, e0133289.	1.1	21
54	Antiosteoporotic Effects and Proteomic Characterization of the Target and Mechanism of an Er-Xian Decoction on Osteoblastic UMR-106 and Osteoclasts Induced From RAW264.7. <i>Molecules</i> , 2010, 15, 4695-4710.	1.7	20

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55	Pharmacokinetic and tissue distribution profile of curculigoside after oral and intravenously injection administration in rats by liquid chromatography-mass spectrometry. <i>FÄ-toterapÄ-Äç</i> , 2015, 101, 64-72.	1.1	19
56	Iridoid glycosides from <i>Morinda officinalis</i> How. exert anti-inflammatory and anti-arthritic effects through inactivating MAPK and NF- $\kappa$ B signaling pathways. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 172.	1.2	19
57	Antimetastatic effects of norcantharidin on hepatocellular carcinoma cells by up-regulating FAM46C expression. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 155-166.	0.0	18
58	Osteoblast cell membrane chromatography coupled with liquid chromatography and time-of-flight mass spectrometry for screening specific active components from traditional Chinese medicines. <i>Journal of Separation Science</i> , 2017, 40, 4311-4319.	1.3	17
59	Orcinol Glucoside Improves Senile Osteoporosis through Attenuating Oxidative Stress and Autophagy of Osteoclast via Activating Nrf2/Keap1 and mTOR Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-18.	1.9	17
60	Estrogenic activity of osthole and imperatorin in MCF-7 cells and their osteoblastic effects in Saos-2 cells. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 413-420.	0.7	14
61	Metabolites of curculigoside in rats and their antiosteoporotic activities in osteoblastic MC3T3-E1 cells. <i>FÄ-toterapÄ-Äç</i> , 2017, 117, 109-117.	1.1	14
62	<i>Rubus chingii</i> Hu: an overview of botany, traditional uses, phytochemistry, and pharmacology. <i>Chinese Journal of Natural Medicines</i> , 2020, 18, 401-416.	0.7	14
63	<i>Humulus lupulus</i> L. Extract Prevents Ovariectomy-Induced Osteoporosis in Mice and Regulates Activities of Osteoblasts and Osteoclasts. <i>Chinese Journal of Integrative Medicine</i> , 2021, 27, 31-38.	0.7	14
64	Genetic diversity and its conservation implications of <i>Vitex rotundifolia</i> (Lamiaceae) populations in East Asia. <i>PeerJ</i> , 2019, 7, e6194.	0.9	14
65	Acute and sub-chronic toxicological studies of the iridoid glycosides extract of <i>Lamiophlomis rotata</i> (Benth.) Kudo in rats. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 315-323.	1.3	12
66	Antiosteoporotic effects of benzylbenzoate glucosides from <i>Curculigo orchioides</i> in ovariectomized rats. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012, 10, 1419-1426.	0.7	12
67	Comparative metabolites profiles of osthole in normal and osteoporosis rats using liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 460-467.	1.4	11
68	Phenolic glycosides and lignans components in <i>Curculigo orchioides</i> ; Gaertn. <i>Academic Journal of Second Military Medical University</i> , 2009, 29, 194-197.	0.0	11
69	Comparative study of composition of essential oil from stigmas and of extract from corms of <i>Crocus sativus</i> . <i>Chemistry of Natural Compounds</i> , 2008, 44, 666-667.	0.2	10
70	Total coumarins from fruits of <i>Cnidium monnieri</i> inhibit formation and differentiation of multinucleated osteoclasts of rats. <i>Acta Pharmacologica Sinica</i> , 2003, 24, 181-6.	2.8	10
71	Pharmacokinetics and tissue distribution of monotropein and deacetyl asperulosidic acid after oral administration of extracts from <i>Morinda officinalis</i> root in rats. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 288.	3.7	9
72	Single Standard Substance for the Simultaneous Determination of Eleven Components in the Extract of <i>Paeoniae Radix Alba</i> (Root of <i>Paeonia lactiflora</i> Pall.). <i>Journal of Analytical Methods in Chemistry</i> , 2021, 2021, 1-12.	0.7	7

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73	Composition of supercritical fluid extracts of some Xanthium species from China. <i>Chemistry of Natural Compounds</i> , 2008, 44, 814-816.	0.2	6
74	Qualitative Analysis and Quality Evaluation of <i>Cnidium monnieri</i> Using UHPLC-ESI-Q-TOF/MS. <i>Chinese Herbal Medicines</i> , 2016, 8, 323-330.	1.2	6
75	Connectivity Map Analysis Identifies Fisetin as a Treatment Compound for Osteoporosis Through Activating the PI3K-AKT Signaling Pathway in Mouse Pre-osteoblastic MC3T3-E1 Cells. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 2038-2047.	0.9	6
76	Dynamic changes of flavonoids in <i>Actinidia valvata</i> leaves at different growing stages measured by HPLC-MS/MS. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 66-72.	0.7	6
77	Identification of Novel Cannabinoid CB2 Receptor Agonists from Botanical Compounds and Preliminary Evaluation of Their Anti-Osteoporotic Effects. <i>Molecules</i> , 2022, 27, 702.	1.7	6
78	Chemical research of <i>Caragana microphylla</i> seeds. <i>Chemistry of Natural Compounds</i> , 2007, 43, 214-215.	0.2	5
79	Research Progress on the Antiosteoarthritic Mechanism of Action of Natural Products. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-17.	0.5	5
80	Jintiange Capsule Alleviates Rheumatoid Arthritis and Reverses Changes of Serum Metabolic Profile in Collagen-Induced Arthritic Rats. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 6685-6706.	1.6	5
81	Sesquiterpene and iridoids from <i>Valeriana pseudofficinalis</i> roots. <i>Chemistry of Natural Compounds</i> , 2009, 45, 363-366.	0.2	3
82	The sustainable, one-pot and high-yield synthesis of ultrafine carbonaceous nanospheres with high anionic separation efficiency. <i>Applied Surface Science</i> , 2022, 571, 151249.	3.1	3
83	Optimization of extraction process for phenolic glycosides from <i>Rhizoma Curculigins</i> by orthogonal test. <i>Academic Journal of Second Military Medical University</i> , 2010, 30, 1218-1223.	0.0	2
84	Chemical composition and hypnotic activities of the essential oil from roots of <i>Valeriana officinalis</i> var. <i>latifolia</i> in China. <i>Chemistry of Natural Compounds</i> , 2009, 45, 560-561.	0.2	1
85	Sustainable hydrophilic ultrasmall carbonaceous spheres modified by click reaction for high-performance polymeric ion chromatographic stationary phase. <i>Journal of Chromatography A</i> , 2022, 1663, 462762.	1.8	1