

Qi Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,391
citations

21
h-index

36
g-index

48
ext. papers

1,785
ext. citations

5.3
avg, IF

4.56
L-index

#	Paper	IF	Citations
46	Cordycepin, a major bioactive component of <i>Cordyceps militaris</i> , ameliorates diabetes-induced testicular damage through the Sirt1/Foxo3a pathway. <i>Andrologia</i> , 2021 , 54, e14294	2.4	1
45	Protective effects of ginseng stem-leaf saponins on D-galactose-induced reproductive injury in male mice. <i>Aging</i> , 2021 , 13, 8916-8928	5.6	1
44	Elemonic acid inhibits growth and triggers apoptosis in human castration-resistant prostate cancer cells through the suppression of JAK2/STAT3/MCL-1 and NF- κ B signal pathways. <i>Chemico-Biological Interactions</i> , 2021 , 342, 109477	5	3
43	<i>Dioscorea zingiberensis</i> ameliorates diabetic nephropathy by inhibiting NLRP3 inflammasome and curbing the expression of p66Shc in high-fat diet/streptozotocin-induced diabetic mice. <i>Journal of Pharmacy and Pharmacology</i> , 2021 , 73, 1218-1229	4.8	1
42	Limonin Attenuates LPS-Induced Hepatotoxicity by Inhibiting Pyroptosis NLRP3/Gasdermin D Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 982-991	5.7	10
41	Nattokinase mitigated dextran sulfate sodium-induced chronic colitis by regulating microbiota and suppressing tryptophan metabolism via inhibiting IDO-1. <i>Journal of Functional Foods</i> , 2020 , 75, 104251	5.1	3
40	Limonin ameliorates acetaminophen-induced hepatotoxicity by activating Nrf2 antioxidative pathway and inhibiting NF- κ B inflammatory response via upregulating Sirt1. <i>Phytomedicine</i> , 2020 , 69, 153211	6.5	25
39	Elemonic acid inhibits the growth of human Osteosarcoma through endoplasmic reticulum (ER) stress-mediated PERK/eIF2 α /ATF4/CHOP activation and Wnt/ β -catenin signal suppression. <i>Phytomedicine</i> , 2020 , 69, 153183	6.5	18
38	Aucubin alleviates diabetic nephropathy by inhibiting NF- κ B activation and inducing SIRT1/SIRT3-FOXO3a signaling pathway in high-fat diet/streptozotocin-induced diabetic mice. <i>Journal of Functional Foods</i> , 2020 , 64, 103702	5.1	13
37	Recent advances in pH-responsive nanomaterials for anti-infective therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 10700-10711	7.3	28
36	Penetration depth tunable BODIPY derivatives for pH triggered enhanced photothermal/photodynamic synergistic therapy. <i>Chemical Science</i> , 2019 , 10, 268-276	9.4	83
35	An NIR triphenylamine grafted BODIPY derivative with high photothermal conversion efficiency and singlet oxygen generation for imaging guided phototherapy. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1523-1531	7.8	25
34	Abnormal arachidonic acid metabolic network may reduce sperm motility via P38 MAPK. <i>Open Biology</i> , 2019 , 9, 180091	7	12
33	MitoQ ameliorates testis injury from oxidative attack by repairing mitochondria and promoting the Keap1-Nrf2 pathway. <i>Toxicology and Applied Pharmacology</i> , 2019 , 370, 78-92	4.6	22
32	An anthracene functionalized BODIPY derivative with singlet oxygen storage ability for photothermal and continuous photodynamic synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 3303-3309	7.3	23
31	Luteolin Ameliorates Testis Injury and Blood-Testis Barrier Disruption through the Nrf2 Signaling Pathway and by Upregulating Cx43. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800843	5.9	14
30	Aucubin, a natural iridoid glucoside, attenuates oxidative stress-induced testis injury by inhibiting JNK and CHOP activation via Nrf2 up-regulation. <i>Phytomedicine</i> , 2019 , 64, 153057	6.5	23

29	Photosensitizer synergistic effects: D-A-D structured organic molecule with enhanced fluorescence and singlet oxygen quantum yield for photodynamic therapy. <i>Chemical Science</i> , 2018 , 9, 2188-2194	9.4	94
28	Pharmacodynamic and pharmacokinetic studies and prostatic tissue distribution of fosfomycin tromethamine in bacterial prostatitis or normal rats. <i>Andrologia</i> , 2018 , 50, e13021	2.4	3
27	Triptolide induces Sertoli cell apoptosis in mice via ROS/JNK-dependent activation of the mitochondrial pathway and inhibition of Nrf2-mediated antioxidant response. <i>Acta Pharmacologica Sinica</i> , 2018 , 39, 311-327	8	46
26	Corosolic acid, a natural triterpenoid, induces ER stress-dependent apoptosis in human castration resistant prostate cancer cells via activation of IRE-1/JNK, PERK/CHOP and TRIB3. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018 , 37, 210	12.8	42
25	Raddeanin A, a natural triterpenoid saponin compound, exerts anticancer effect on human osteosarcoma via the ROS/JNK and NF- κ B signal pathway. <i>Toxicology and Applied Pharmacology</i> , 2018 , 353, 87-101	4.6	22
24	Raddeanin A inhibits growth and induces apoptosis in human colorectal cancer through downregulating the Wnt/ β -catenin and NF- κ B signaling pathway. <i>Life Sciences</i> , 2018 , 207, 532-549	6.8	13
23	Metabonomic analysis of fatty acids in seminal plasma between healthy and asthenozoospermic men based on gas chromatography mass spectrometry. <i>Andrologia</i> , 2017 , 49, e12744	2.4	16
22	BODIPY Derivatives for Photodynamic Therapy: Influence of Configuration versus Heavy Atom Effect. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32475-32481	9.5	109
21	Surface Modified TiC MXene Nanosheets for Tumor Targeting Photothermal/Photodynamic/Chemo Synergistic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 40077-40086	9.5	329
20	Investigation of the cytotoxicity, apoptosis and pharmacokinetics of Raddeanin A. <i>Oncology Letters</i> , 2017 , 13, 1365-1369	2.6	9
19	Tumor-targeting, enzyme-activated nanoparticles for simultaneous cancer diagnosis and photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 113-120	7.3	41
18	Wnt/ β -catenin signaling plays an important role in the protective effects of FDP-Sr against oxidative stress induced apoptosis in MC3T3-E1 cell. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4720-4723	2.9	13
17	Triptolide disrupts fatty acids and peroxisome proliferator-activated receptor (PPAR) levels in male mice testes followed by testicular injury: A GC-MS based metabolomics study. <i>Toxicology</i> , 2015 , 336, 84-95	4.4	52
16	Pharmacokinetics and tissue distribution of Aucubin, Ajugol and Catalpol in rats using a validated simultaneous LC-ESI-MS/MS assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 1002, 245-53	3.2	27
15	Strontium fructose 1, 6-diphosphate alleviate cyclophosphamide-induced oligozoospermia by improving antioxidant and inhibiting testicular apoptosis via FAS/FASL pathway. <i>Andrologia</i> , 2015 , 47, 995-1003	2.4	4
14	A pre-clinical pharmacokinetic study in rats of three naturally occurring iridoid glycosides, Picroside-I, II and III, using a validated simultaneous HPLC-MS/MS assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 993-994, 47-59	3.2	13
13	Comparative pharmacokinetics with single substances and Semen Cuscutae extract after oral administration and intravenous administration Semen Cuscutae extract and single hyperoside and astragalgin to rats. <i>Analytical Methods</i> , 2014 , 6, 7250	3.2	4
12	Simultaneous determination of osthole, bergapten and isopimpinellin in rat plasma and tissues by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 970, 77-85	3.2	11

11	Quantitative analysis of tenuifolin concentrations in rat plasma and tissue using LC-MS/MS: application to pharmacokinetic and tissue distribution study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 88, 191-200	3.5	20
10	Development and validation of a sensitive liquid chromatography/tandem mass spectrometry method for the determination of raddeanin A in rat plasma and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 918, 141-50	3.2	14
9	Rapid analysis of tadalafil in human blood plasma and seminal plasma by liquid chromatography/tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 77, 149-57	3.5	16
8	Metabonomic profiling in studying anti-osteoporosis effects of strontium fructose 1,6-diphosphate on estrogen deficiency-induced osteoporosis in rats by GC/TOF-MS. <i>European Journal of Pharmacology</i> , 2013 , 718, 524-32	5.3	22
7	Metabolomic profiles delineate signature metabolic shifts during estrogen deficiency-induced bone loss in rat by GC-TOF/MS. <i>PLoS ONE</i> , 2013 , 8, e54965	3.7	28
6	Strontium fructose 1,6-diphosphate prevents bone loss in a rat model of postmenopausal osteoporosis via the OPG/RANKL/RANK pathway. <i>Acta Pharmacologica Sinica</i> , 2012 , 33, 479-89	8	38
5	Synthesis and pharmacokinetics of strontium fructose 1,6-diphosphate (Sr-FDP) as a potential anti-osteoporosis agent in intact and ovariectomized rats. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 563-8	4.2	11
4	GC-TOF/MS-based metabolomic profiling of estrogen deficiency-induced obesity in ovariectomized rats. <i>Acta Pharmacologica Sinica</i> , 2011 , 32, 270-8	8	35
3	Strontium fructose 1,6-diphosphate alleviates early diabetic testopathy by suppressing abnormal testicular matrix metalloproteinase system in streptozocin-treated rats. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 61, 229-236	4.8	11
2	Effects of strontium fructose 1,6-diphosphate on expression of apoptosis-related genes and oxidative stress in testes of diabetic rats. <i>International Journal of Urology</i> , 2008 , 15, 251-6	2.3	29
1	Strontium fructose 1,6-diphosphate rescues adenine-induced male hypogonadism and upregulates the testicular endothelin-1 system. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007 , 34, 1131-7	3	14