

Qi Zhang

List of Publications by Year in descending order

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47
papers

2,166
citations

236925

25
h-index

233421

45
g-index

48
all docs

48
docs citations

48
times ranked

3159
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modified Ti ₃ C ₂ MXene Nanosheets for Tumor Targeting Photothermal/Photodynamic/Chemo Synergistic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40077-40086.	8.0	491
2	BODIPY Derivatives for Photodynamic Therapy: Influence of Configuration versus Heavy Atom Effect. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32475-32481.	8.0	177
3	Photosensitizer synergistic effects: A structured organic molecule with enhanced fluorescence and singlet oxygen quantum yield for photodynamic therapy. <i>Chemical Science</i> , 2018, 9, 2188-2194.	7.4	133
4	Penetration depth tunable BODIPY derivatives for pH triggered enhanced photothermal/photodynamic synergistic therapy. <i>Chemical Science</i> , 2019, 10, 268-276.	7.4	120
5	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.	6.1	71
6	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.	4.2	68
7	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.	5.3	68
8	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.	8.6	66
9	Recent advances in pH-responsive nanomaterials for anti-infective therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10700-10711.	5.8	63
10	Tumor-targeting, enzyme-activated nanoparticles for simultaneous cancer diagnosis and photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 113-120.	5.8	51
11	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, 479-489.	6.1	49
12	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.	2.8	46
13	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.	5.3	45
14	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.	5.8	41
15	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.	2.5	40
16	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, 251-256.	1.0	38
17	GC-TOF/MS-based metabolomic profiling of estrogen deficiency-induced obesity in ovariectomized rats. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 270-278.	6.1	38
18	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.	5.9	35

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19	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.	2.1	33
20	Luteolin Ameliorates Testis Injury and Bloodâ€“Testis Barrier Disruption through the Nrf2 Signaling Pathway and by Upregulating Cx43. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800843.	3.3	33
21	Pharmacokinetics and tissue distribution of Aucubin, Ajugol and Catalpol in rats using a validated simultaneous LCâ€“ESI-MS/MS assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1002, 245-253.	2.3	32
22	Î²-Elemonic acid inhibits the growth of human Osteosarcoma through endoplasmic reticulum (ER) stress-mediated PERK/eIF2Î±/ATF4/CHOP activation and Wnt/Î²-catenin signal suppression. <i>Phytomedicine</i> , 2020, 69, 153183.	5.3	31
23	Raddeanin A, a natural triterpenoid saponin compound, exerts anticancer effect on human osteosarcoma via the ROS/JNK and NF-Î²B signal pathway. <i>Toxicology and Applied Pharmacology</i> , 2018, 353, 87-101.	2.8	28
24	Aucubin alleviates diabetic nephropathy by inhibiting NF-Î²B 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.	3.4	27
25	Limonin Attenuates LPS-Induced Hepatotoxicity by Inhibiting Pyroptosis <i>via</i> NLRP3/Gasdermin D Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 982-991.	5.2	27
26	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, 524-532.	3.5	26
27	Abnormal arachidonic acid metabolic network may reduce sperm motility via P38 MAPK. <i>Open Biology</i> , 2019, 9, 180091.	3.6	26
28	Raddeanin A inhibits growth and induces apoptosis in human colorectal cancer through downregulating the Wnt/Î²-catenin and NF-Î²B signaling pathway. <i>Life Sciences</i> , 2018, 207, 532-549.	4.3	23
29	Quantitative analysis of tenuifolin concentrations in rat plasma and tissue using LCâ€“MS/MS: Application to pharmacokinetic and tissue distribution study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 191-200.	2.8	22
30	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, 912, 16-23.	2.3	19
31	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, 149-157.	2.8	18
32	Simultaneous determination of osthole, bergapten and isopimpinellin in rat plasma and tissues by liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 970, 77-85.	2.3	18
33	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, 070717222933008-???	1.9	16
34	Wnt/Î²-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.	2.2	16
35	Î²-elemonic acid inhibits growth and triggers apoptosis in human castration-resistant prostate cancer cells through the suppression of JAK2/STAT3/MCL-1 and NF-Î²B signal pathways. <i>Chemico-Biological Interactions</i> , 2021, 342, 109477.	4.0	16
36	Complanatoside A targeting NOX4 blocks renal fibrosis in diabetic mice by suppressing NLRP3 inflammasome activation and autophagy. <i>Phytomedicine</i> , 2022, 104, 154310.	5.3	16

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37	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.	2.3	15
38	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.	2.4	13
39	Investigation of the cytotoxicity, apoptosis and pharmacokinetics of Raddeanin A. <i>Oncology Letters</i> , 2017, 13, 1365-1369.	1.8	13
40	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, 563-568.	3.5	11
41	Protective effects of ginseng stem-leaf saponins on D-galactose-induced reproductive injury in male mice. <i>Aging</i> , 2021, 13, 8916-8928.	3.1	9
42	Pharmacodynamic and pharmacokinetic studies and prostatic tissue distribution of fosfomycin tromethamine in bacterial prostatitis or normal rats. <i>Andrologia</i> , 2018, 50, e13021.	2.1	7
43	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.	3.4	7
44	Comparative pharmacokinetics with single substances and Semen Cuscutae extract after oral administration and intravenous administration Semen Cuscutae extract and single hyperoside and astragaloside to rats. <i>Analytical Methods</i> , 2014, 6, 7250.	2.7	6
45	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.	2.1	6
46	<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.	2.4	6
47	Cordycepin, a major bioactive component of <i>Cordyceps militaris</i> , ameliorates diabetes-induced testicular damage through the Sirt1/Foxo3a pathway. <i>Andrologia</i> , 2022, 54, e14294.	2.1	6