

Xuemei Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sex differences in the prevalence and adverse outcomes of sarcopenia and sarcopenic obesity in community dwelling elderly in East China using the AWGS criteria. <i>BMC Endocrine Disorders</i> , 2019, 19, 109.	2.2	97
2	Astragaloside IV protects against podocyte injury via SERCA2-dependent ER stress reduction and AMPK α -regulated autophagy induction in streptozotocin-induced diabetic nephropathy. <i>Scientific Reports</i> , 2017, 7, 6852.	3.3	79
3	Effects of curcumin on ion channels and transporters. <i>Frontiers in Physiology</i> , 2014, 5, 94.	2.8	67
4	Prevalence of Sarcopenia and Its Relationship with Sites of Fragility Fractures in Elderly Chinese Men and Women. <i>PLoS ONE</i> , 2015, 10, e0138102.	2.5	64
5	Astragaloside IV Attenuates Podocyte Apoptosis Mediated by Endoplasmic Reticulum Stress through Upregulating Sarco/Endoplasmic Reticulum Ca ²⁺ -ATPase 2 Expression in Diabetic Nephropathy. <i>Frontiers in Pharmacology</i> , 2016, 7, 500.	3.5	56
6	Hydrogen Sulfide Inhibits Transforming Growth Factor- β 1-Induced EMT via Wnt/Catenin Pathway. <i>PLoS ONE</i> , 2016, 11, e0147018.	2.5	46
7	Structure and function of USP5: Insight into physiological and pathophysiological roles. <i>Pharmacological Research</i> , 2020, 157, 104557.	7.1	46
8	Huangqi Decoction Ameliorates Streptozotocin-Induced Rat Diabetic Nephropathy through Antioxidant and Regulation of the TGF- β 2/MAPK/PPAR- β 3 Signaling. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1934-1944.	1.6	44
9	The gastroprotective effect of nobiletin against ethanol-induced acute gastric lesions in mice: impact on oxidative stress and inflammation. <i>Immunopharmacology and Immunotoxicology</i> , 2017, 39, 354-363.	2.4	40
10	Targeted delivery of polyamidoamine-paclitaxel conjugate functionalized with anti-human epidermal growth factor receptor 2 trastuzumab. <i>International Journal of Nanomedicine</i> , 2015, 10, 2173.	6.7	36
11	Indoxyl sulfate potentiates endothelial dysfunction via reciprocal role for reactive oxygen species and RhoA/ROCK signaling in 5/6 nephrectomized rats. <i>Free Radical Research</i> , 2017, 51, 237-252.	3.3	25
12	Hydrogen Rich Water Attenuates Renal Injury and Fibrosis by Regulation Transforming Growth Factor- β 2 Induced Sirt1. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 610-615.	1.4	21
13	Synthesis and biological evaluation of nannocystin analogues toward understanding the binding role of the (2R,3S)-Epoxide in nannocystin A. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 626-632.	5.5	21
14	Cyclic hexapeptide-conjugated nanoparticles enhance curcumin delivery to glioma tumor cells and tissue. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5717-5732.	6.7	20
15	Saikosaponin B2 attenuates kidney fibrosis via inhibiting the Hedgehog Pathway. <i>Phytomedicine</i> , 2020, 67, 153163.	5.3	20
16	Ceria nanoparticles ameliorate renal fibrosis by modulating the balance between oxidative phosphorylation and aerobic glycolysis. <i>Journal of Nanobiotechnology</i> , 2022, 20, 3.	9.1	20
17	A Novel Bispecific Antibody Targeting PD-L1 and VEGF With Combined Anti-Tumor Activities. <i>Frontiers in Immunology</i> , 2021, 12, 778978.	4.8	20
18	The influx/efflux mechanisms of d-peptide ligand of nAChRs across the blood-brain barrier and its therapeutic value in treating glioma. <i>Journal of Controlled Release</i> , 2020, 327, 384-396.	9.9	19

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19	Regulatory roles of HSPA6 in <i>Actinidia chinensis</i> Planch. root extract (acRoots) inhibited lung cancer proliferation. <i>Clinical and Translational Medicine</i> , 2020, 10, e46.	4.0	18
20	Current Perspectives on Role of MSC in Renal Pathophysiology. <i>Frontiers in Physiology</i> , 2018, 9, 1323.	2.8	16
21	An LC-MS/MS method for the simultaneous determination of goserelin and testosterone in rat plasma for pharmacokinetic and pharmacodynamic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 965, 183-189.	2.3	15
22	Up-Regulatory Effects of Curcumin on Large Conductance Ca ²⁺ -Activated K ⁺ Channels. <i>PLoS ONE</i> , 2015, 10, e0144800.	2.5	14
23	BK Knockout by TALEN-Mediated Gene Targeting in Osteoblasts: KCNMA1 Determines the Proliferation and Differentiation of Osteoblasts. <i>Molecules and Cells</i> , 2016, 39, 530-535.	2.6	14
24	Circulating TGF- β 1 levels are negatively correlated with sclerostin levels in early postmenopausal women. <i>Clinica Chimica Acta</i> , 2016, 455, 87-92.	1.1	13
25	BK ablation attenuates osteoblast bone formation via integrin pathway. <i>Cell Death and Disease</i> , 2019, 10, 738.	6.3	13
26	Berberine inhibits intestinal epithelial barrier dysfunction in colon caused by peritoneal dialysis fluid by improving cell migration. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113206.	4.1	13
27	Large-Conductance Calcium-Activated Potassium Channels in Glomerulus: From Cell Signal Integration to Disease. <i>Frontiers in Physiology</i> , 2016, 7, 248.	2.8	12
28	Lysophosphatidylcholine acyltransferase 3 deficiency impairs 3T3L1 cell adipogenesis through activating Wnt/ β -catenin pathway. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 834-843.	2.4	12
29	MicroRNA-221-3p Suppresses the Microglia Activation and Seizures by Inhibiting of HIF-1 α in Valproic Acid-Resistant Epilepsy. <i>Frontiers in Pharmacology</i> , 2021, 12, 714556.	3.5	12
30	Molecular Mechanisms of Epileptic Encephalopathy Caused by KCNMA1 Loss-of-Function Mutations. <i>Frontiers in Pharmacology</i> , 2021, 12, 775328.	3.5	11
31	Interactions between Human Serum Albumin and Sulfadimethoxine Determined Using Spectroscopy and Molecular Docking. <i>Molecules</i> , 2022, 27, 1526.	3.8	11
32	Preparation and evaluation of a novel biodegradable long-acting intravitreal implant containing ligustrazine for the treatment of proliferative vitreoretinopathy. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 160-169.	2.4	9
33	Age and sex effects on the relationship between body composition and hip geometric structure in males and females from East China. <i>Archives of Osteoporosis</i> , 2018, 13, 79.	2.4	9
34	Serum concentrations of oxytocin, DHEA and follistatin are associated with osteoporosis or sarcopenia in community-dwelling postmenopausal women. <i>BMC Geriatrics</i> , 2021, 21, 542.	2.7	9
35	Mechanism of Regulation of Big-Conductance Ca ²⁺ -Activated K ⁺ Channels by mTOR Complex 2 in Podocytes. <i>Frontiers in Physiology</i> , 2019, 10, 167.	2.8	8
36	A novel role of BK potassium channel activity in preventing the development of kidney fibrosis. <i>Kidney International</i> , 2022, 101, 945-962.	5.2	8

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37	Adverse drug reaction reporting in institutions across six Chinese provinces: a cross-sectional study. <i>Expert Opinion on Drug Safety</i> , 2019, 18, 59-68.	2.4	7
38	Vasomotor Dysfunction in the Mesenteric Artery after Organ Culture with Cyclosporin A . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 113, 370-376.	2.5	6
39	Non-invasive detection of the early phase of kidney injury by photoacoustic/computed tomography imaging. <i>Nanotechnology</i> , 2018, 29, 265101.	2.6	6
40	BK Channel Deficiency in Osteoblasts Reduces Bone Formation via the Wnt/ β -Catenin Pathway. <i>Molecules and Cells</i> , 2021, 44, 557-568.	2.6	5
41	Application of hot-melt extrusion technology for designing an elementary osmotic pump system combined with solid dispersion for a novel poorly water-soluble antidepressant. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 1006-1014.	2.4	4
42	Astragaloside IV Alleviates Intestinal Barrier Dysfunction via the AKT-GSK3 β - β -Catenin Pathway in Peritoneal Dialysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 873150.	3.5	4
43	Forskolin Regulates L-Type Calcium Channel through Interaction between Actinin 4 and β 3 Subunit in Osteoblasts. <i>PLoS ONE</i> , 2015, 10, e0124274.	2.5	3