

Zou Xiang

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,729
citations

218592

26
h-index

302012

39
g-index

53
all docs

53
docs citations

53
times ranked

2216
citing authors

#	ARTICLE	IF	CITATIONS
1	M2 macrophages promote myofibroblast differentiation of LR-MSCs and are associated with pulmonary fibrogenesis. <i>Cell Communication and Signaling</i> , 2018, 16, 89.	2.7	127
2	TNF α -induced NF κ B activation promotes myofibroblast differentiation of LR-MSCs and exacerbates bleomycin-induced pulmonary fibrosis. <i>Journal of Cellular Physiology</i> , 2018, 233, 2409-2419.	2.0	121
3	m ⁶ A mRNA methylation regulates testosterone synthesis through modulating autophagy in Leydig cells. <i>Autophagy</i> , 2021, 17, 457-475.	4.3	91
4	Inhibition of Wnt/ β -catenin signaling suppresses myofibroblast differentiation of lung resident mesenchymal stem cells and pulmonary fibrosis. <i>Scientific Reports</i> , 2018, 8, 13644.	1.6	90
5	Inhibition of Wnt/ β -catenin signaling promotes epithelial differentiation of mesenchymal stem cells and repairs bleomycin-induced lung injury. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C234-C244.	2.1	84
6	Microcystin-LR ameliorates pulmonary fibrosis via modulating CD206+ M2-like macrophage polarization. <i>Cell Death and Disease</i> , 2020, 11, 136.	2.7	65
7	Silencing of METTL3 effectively hinders invasion and metastasis of prostate cancer cells. <i>Theranostics</i> , 2021, 11, 7640-7657.	4.6	62
8	Inhibition of Wnt/ β -catenin signaling suppresses bleomycin-induced pulmonary fibrosis by attenuating the expression of TGF- β 1 and FGF-2. <i>Experimental and Molecular Pathology</i> , 2016, 101, 22-30.	0.9	58
9	Microcystin-leucine arginine exhibits immunomodulatory roles in testicular cells resulting in orchitis. <i>Environmental Pollution</i> , 2017, 229, 964-975.	3.7	53
10	The hedgehog and Wnt/ β -catenin system machinery mediate myofibroblast differentiation of LR-MSCs in pulmonary fibrogenesis. <i>Cell Death and Disease</i> , 2018, 9, 639.	2.7	52
11	piR-31470 epigenetically suppresses the expression of glutathione S-transferase pi 1 in prostate cancer via DNA methylation. <i>Cellular Signalling</i> , 2020, 67, 109501.	1.7	47
12	Regulation of Microcystin-LR-Induced Toxicity in Mouse Spermatogonia by miR-96. <i>Environmental Science & Technology</i> , 2014, 48, 6383-6390.	4.6	44
13	miR-877-3p targets Smad7 and is associated with myofibroblast differentiation and bleomycin-induced lung fibrosis. <i>Scientific Reports</i> , 2016, 6, 30122.	1.6	43
14	The role of miR-497-5p in myofibroblast differentiation of LR-MSCs and pulmonary fibrogenesis. <i>Scientific Reports</i> , 2017, 7, 40958.	1.6	38
15	Microcystin-Leucine Arginine Causes Cytotoxic Effects in Sertoli Cells Resulting in Reproductive Dysfunction in Male Mice. <i>Scientific Reports</i> , 2016, 6, 39238.	1.6	35
16	The Shh/Gli signaling cascade regulates myofibroblastic activation of lung-resident mesenchymal stem cells via the modulation of Wnt10a expression during pulmonary fibrogenesis. <i>Laboratory Investigation</i> , 2020, 100, 363-377.	1.7	35
17	Suppression of p66Shc prevents hyperandrogenism-induced ovarian oxidative stress and fibrosis. <i>Journal of Translational Medicine</i> , 2020, 18, 84.	1.8	34
18	Learning and memory deficits and alzheimer's disease-like changes in mice after chronic exposure to microcystin-LR. <i>Journal of Hazardous Materials</i> , 2019, 373, 504-518.	6.5	33

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19	TFE3 fusions escape from controlling of mTOR signaling pathway and accumulate in the nucleus promoting genes expression in Xp11.2 translocation renal cell carcinomas. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 119.	3.5	32
20	Antagonistic Effects of a Mixture of Low-Dose Nonylphenol and Di-N-Butyl Phthalate (Monobutyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and In Vivo. <i>PLoS ONE</i> , 2014, 9, e93425.	1.1	31
21	The organic anion transporting polypeptide 1a5 is a pivotal transporter for the uptake of microcystin-LR by gonadotropin-releasing hormone neurons. <i>Aquatic Toxicology</i> , 2017, 182, 1-10.	1.9	31
22	<i>In vivo</i> study on the effects of microcystin"LR on the apoptosis, proliferation and differentiation of rat testicular spermatogenic cells of male rats injected i.p. with toxins. <i>Journal of Toxicological Sciences</i> , 2013, 38, 661-670.	0.7	30
23	Role of Wnt/ β -Catenin Signaling in Epithelial Differentiation of Lung Resident Mesenchymal Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1532-1539.	1.2	30
24	The toxic effects of microcystin-LR on mouse lungs and alveolar type II epithelial cells. <i>Toxicol</i> , 2016, 115, 81-88.	0.8	30
25	Alveolar epithelial cell–derived Sonic hedgehog promotes pulmonary fibrosis through OPN–dependent alternative macrophage activation. <i>FEBS Journal</i> , 2021, 288, 3530-3546.	2.2	30
26	Chronic exposure to microcystin-LR increases the risk of prostate cancer and induces malignant transformation of human prostate epithelial cells. <i>Chemosphere</i> , 2021, 263, 128295.	4.2	29
27	Intracellular surface-enhanced Raman scattering probes based on TAT peptide-conjugated Au nanostars for distinguishing the differentiation of lung resident mesenchymal stem cells. <i>Biomaterials</i> , 2015, 58, 10-25.	5.7	26
28	PRCC-TFE3 fusion-mediated PRKN/parkin-dependent mitophagy promotes cell survival and proliferation in PRCC-TFE3 translocation renal cell carcinoma. <i>Autophagy</i> , 2021, 17, 2475-2493.	4.3	26
29	NLRP3 inflammasome activation in alveolar epithelial cells promotes myofibroblast differentiation of lung-resident mesenchymal stem cells during pulmonary fibrogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166077.	1.8	26
30	Mixture effects of nonylphenol and di-n-butyl phthalate (monobutyl phthalate) on the tight junctions between Sertoli cells in male rats in vitro and in vivo. <i>Experimental and Toxicologic Pathology</i> , 2014, 66, 445-454.	2.1	25
31	Roles of miRNAs in microcystin-LR-induced Sertoli cell toxicity. <i>Toxicology and Applied Pharmacology</i> , 2015, 287, 1-8.	1.3	24
32	HIPK2 phosphorylates HDAC3 for NF- κ B acetylation to ameliorate colitis-associated colorectal carcinoma and sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	23
33	Combined Effects of Nonylphenol and Bisphenol A on the Human Prostate Epithelial Cell Line RWPE-1. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 4141-4155.	1.2	22
34	Toxic effects of microcystin-LR on the development of prostate in mice. <i>Toxicology</i> , 2017, 380, 50-61.	2.0	20
35	Microcystin-LR causes sexual hormone disturbance in male rat by targeting gonadotropin-releasing hormone neurons. <i>Toxicol</i> , 2016, 123, 45-55.	0.8	18
36	From the Cover: Roles of mmu_piR_003399 in Microcystin-Leucine Arginine-Induced Reproductive Toxicity in the Spermatogonial Cells and Testis. <i>Toxicological Sciences</i> , 2018, 161, 159-170.	1.4	17

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37	Microcystin-leucine arginine inhibits gonadotropin-releasing hormone synthesis in mice hypothalamus. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 391-399.	2.9	15
38	Induction of the apoptosis, degranulation and IL-13 production of human basophils by butyrate and propionate via suppression of histone deacetylation. <i>Immunology</i> , 2021, 164, 292-304.	2.0	15
39	Microcystin-leucine-arginine induces liver fibrosis by activating the Hedgehog pathway in hepatic stellate cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 770-778.	1.0	14
40	The mechanisms in the altered ontogenetic development and lung-related pathology in microcystin-leucine arginine (MC-LR)-paternal-exposed offspring mice. <i>Science of the Total Environment</i> , 2020, 736, 139678.	3.9	14
41	miR-541 Contributes to Microcystin-LR-Induced Reproductive Toxicity through Regulating the Expression of p15 in Mice. <i>Toxins</i> , 2016, 8, 260.	1.5	13
42	Deficiency in Calcium-Binding Protein S100A4 Impairs the Adjuvant Action of Cholera Toxin. <i>Frontiers in Immunology</i> , 2017, 8, 1119.	2.2	13
43	Roles and relevance of mast cells in infection and vaccination. <i>Journal of Biomedical Research</i> , 2016, 30, 253-63.	0.7	12
44	Association between Semen Microcystin Levels and Reproductive Quality: A Cross-Sectional Study in Jiangsu and Anhui Provinces, China. <i>Environmental Health Perspectives</i> , 2021, 129, 127702.	2.8	12
45	Insulin resistance enhances the mitogen-activated protein kinase signaling pathway in ovarian granulosa cells. <i>PLoS ONE</i> , 2017, 12, e0188029.	1.1	11
46	Effects of a Moderately Lower Temperature on the Proliferation and Degranulation of Rat Mast Cells. <i>Journal of Immunology Research</i> , 2016, 2016, 1-7.	0.9	7
47	S100A4 Is Critical for a Mouse Model of Allergic Asthma by Impacting Mast Cell Activation. <i>Frontiers in Immunology</i> , 2021, 12, 692733.	2.2	7
48	Mast Cells Are Identified in the Lung Parenchyma of Wild Mice, Which Can Be Recapitulated in Naturalized Laboratory Mice. <i>Frontiers in Immunology</i> , 2021, 12, 736692.	2.2	6
49	Potential Involvement of Type I Interferon Signaling in Immunotherapy in Seasonal Allergic Rhinitis. <i>Journal of Immunology Research</i> , 2016, 2016, 1-6.	0.9	4
50	Correlation between the germline methylation status in ER α promoter and the risk in prostate cancer: a prospective study. <i>Familial Cancer</i> , 2016, 15, 309-315.	0.9	3
51	S100A4 exerts robust mucosal adjuvant activity for co-administered antigens in mice. <i>Mucosal Immunology</i> , 2022, 15, 1028-1039.	2.7	1
52	Mining gold out of a limited source of ore. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 114-116.	1.1	0