

Ximei Wu

List of Publications by Year in descending order

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57
papers

2,242
citations

331259

21
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223531

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all docs

59
docs citations

59
times ranked

3497
citing authors

#	ARTICLE	IF	CITATIONS
1	Notch signaling maintains bone marrow mesenchymal progenitors by suppressing osteoblast differentiation. <i>Nature Medicine</i> , 2008, 14, 306-314.	15.2	532
2	Rac1 Activation Controls Nuclear Localization of β -catenin during Canonical Wnt Signaling. <i>Cell</i> , 2008, 133, 340-353.	13.5	433
3	Disruption of Wnt/ β -catenin Signaling in Odontoblasts and Cementoblasts Arrests Tooth Root Development in Postnatal Mouse Teeth. <i>International Journal of Biological Sciences</i> , 2013, 9, 228-236.	2.6	84
4	Wnt/ β -catenin signaling links embryonic lung development and asthmatic airway remodeling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 3226-3242.	1.8	79
5	Zinc-induced sodium-dependent vitamin C transporter 2 expression: potent roles in osteoblast differentiation. <i>Archives of Biochemistry and Biophysics</i> , 2003, 420, 114-120.	1.4	67
6	Requirement of calcium and phosphate ions in expression of sodium-dependent vitamin C transporter 2 and osteopontin in MC3T3-E1 osteoblastic cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2003, 1641, 65-70.	1.9	64
7	Phosphodiesterase 5/protein kinase G signal governs stemness of prostate cancer stem cells through Hippo pathway. <i>Cancer Letters</i> , 2016, 378, 38-50.	3.2	57
8	IRF3 prevents colorectal tumorigenesis via inhibiting the nuclear translocation of β -catenin. <i>Nature Communications</i> , 2020, 11, 5762.	5.8	55
9	Loss of Shp2 in alveoli epithelia induces deregulated surfactant homeostasis, resulting in spontaneous pulmonary fibrosis. <i>FASEB Journal</i> , 2012, 26, 2338-2350.	0.2	52
10	Inhibition of Rac activity alleviates lipopolysaccharide-induced acute pulmonary injury in mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 666-674.	1.1	49
11	Twa1/Gid8 is a β -catenin nuclear retention factor in Wnt signaling and colorectal tumorigenesis. <i>Cell Research</i> , 2017, 27, 1422-1440.	5.7	44
12	Hedgehog signaling through GLI1 and GLI2 is required for epithelial-mesenchymal transition in human trophoblasts. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 1438-1448.	1.1	39
13	Cdc42 Is Essential for Both Articular Cartilage Degeneration and Subchondral Bone Deterioration in Experimental Osteoarthritis. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 945-958.	3.1	35
14	Stimulation of differentiation in sodium-dependent vitamin C transporter 2 overexpressing MC3T3-E1 osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 1159-1164.	1.0	34
15	Ascorbic Acid Transported by Sodium-Dependent Vitamin C Transporter 2 Stimulates Steroidogenesis in Human Choriocarcinoma Cells. <i>Endocrinology</i> , 2008, 149, 73-83.	1.4	33
16	Inhibition of phosphodiesterase activity, airway inflammation and hyperresponsiveness by PDE4 inhibitor and glucocorticoid in a murine model of allergic asthma. <i>Life Sciences</i> , 2006, 79, 2077-2085.	2.0	32
17	VEGF165 induces differentiation of hair follicle stem cells into endothelial cells and plays a role in <i>in vivo</i> angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1593-1604.	1.6	32
18	Hedgehog signaling stimulates the conversion of cholesterol to steroids. <i>Cellular Signalling</i> , 2015, 27, 487-497.	1.7	29

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19	Notch Signaling: Linking Embryonic Lung Development and Asthmatic Airway Remodeling. <i>Molecular Pharmacology</i> , 2017, 92, 676-693.	1.0	27
20	IL-4/IL-13 upregulates Sonic hedgehog expression to induce allergic airway epithelial remodeling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L888-L899.	1.3	25
21	High expression of Sonic hedgehog in allergic airway epithelia contributes to goblet cell metaplasia. <i>Mucosal Immunology</i> , 2018, 11, 1306-1315.	2.7	23
22	Inhibition of heat shock protein 90 rescues glucocorticoid-induced bone loss through enhancing bone formation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 236-246.	1.2	22
23	Protein tyrosine phosphatase 11 acts through RhoA/ROCK to regulate eosinophil accumulation in the allergic airway. <i>FASEB Journal</i> , 2019, 33, 11706-11720.	0.2	22
24	Acute Respiratory Distress Syndrome: Bench-to-Bedside Approaches to Improve Drug Development. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 484-494.	2.3	21
25	SUMOylation of large tumor suppressor 1 at Lys751 attenuates its kinase activity and tumor-suppressor functions. <i>Cancer Letters</i> , 2017, 386, 1-11.	3.2	20
26	Oral administration of allergen extracts from <i>Dermatophagoides farinae</i> desensitizes specific allergen-induced inflammation and airway hyperresponsiveness in rats. <i>International Immunopharmacology</i> , 2008, 8, 1639-1645.	1.7	18
27	RhoA/Rock activation represents a new mechanism for inactivating Wnt/ β -catenin signaling in the aging-associated bone loss. <i>Cell Regeneration</i> , 2021, 10, 8.	1.1	18
28	Ascorbic Acid Uptaken by Sodium-Dependent Vitamin C Transporter 2 Induces β -hCG Expression through Sp1 and TFAP2A Transcription Factors in Human Choriocarcinoma Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1667-E1676.	1.8	17
29	Signaling Cascades Governing Cdc42-Mediated Chondrogenic Differentiation and Mesenchymal Condensation. <i>Genetics</i> , 2016, 202, 1055-1069.	1.2	17
30	Ginkgolide B functions as a determinant constituent of Ginkgolides in alleviating lipopolysaccharide-induced lung injury. <i>Biomedicine and Pharmacotherapy</i> , 2016, 81, 71-78.	2.5	17
31	Glioma-associated Oncogene 2 Is Essential for Trophoblastic Fusion by Forming a Transcriptional Complex with Glial Cell Missing-a. <i>Journal of Biological Chemistry</i> , 2016, 291, 5611-5622.	1.6	16
32	Upregulation of sodium-dependent vitamin C transporter 2 expression in adrenals increases norepinephrine production and aggravates hyperlipidemia in mice with streptozotocin-induced diabetes. <i>Biochemical Pharmacology</i> , 2007, 74, 1020-1028.	2.0	15
33	Endothelial Rac1 is essential for hematogenous metastasis to the lung. <i>Oncotarget</i> , 2015, 6, 17501-17513.	0.8	15
34	Acute Respiratory Distress Syndrome and COVID-19: A Literature Review. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 7225-7242.	1.6	15
35	The emerging roles of nitric oxide in ferroptosis and pyroptosis of tumor cells. <i>Life Sciences</i> , 2022, 290, 120257.	2.0	14
36	Dehydroascorbic acid taken up by glucose transporters stimulates estradiol production through inhibition of JNK/c-Jun/AP1 signaling in JAR cells. <i>Molecular Human Reproduction</i> , 2014, 20, 799-809.	1.3	13

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37	Hedgehog signaling is controlled by Rac1 activity. <i>Theranostics</i> , 2022, 12, 1303-1320.	4.6	13
38	Smoothed-independent activation of hedgehog signaling by rearranged during transfection promotes neuroblastoma cell proliferation and tumor growth. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1961-1972.	1.1	11
39	Vitamin C deficiency exacerbates diabetic glomerular injury through activation of transforming growth factor- β signaling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2186-2195.	1.1	11
40	A CRTH2 antagonist, CT-133, suppresses NF- κ B signalling to relieve lipopolysaccharide-induced acute lung injury. <i>European Journal of Pharmacology</i> , 2019, 854, 79-91.	1.7	11
41	Ascorbic acid enhances low-density lipoprotein receptor expression by suppressing proprotein convertase subtilisin/kexin 9 expression. <i>Journal of Biological Chemistry</i> , 2020, 295, 15870-15882.	1.6	11
42	Neural Progenitor Cells <i>mTOR</i> Ablation Impairs Development but Benefits to Seizure-Induced Behavioral Abnormalities. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 1000-1008.	1.9	10
43	Up-regulation of 11 β -Hydroxysteroid Dehydrogenase Type 2 Expression by Hedgehog Ligand Contributes to the Conversion of Cortisol Into Cortisone. <i>Endocrinology</i> , 2016, 157, 3529-3539.	1.4	10
44	Chemical constituents of tobacco smoke induce the production of interleukin-8 in human bronchial epithelium, 16HBE cells. <i>Tobacco Induced Diseases</i> , 2016, 14, 24.	0.3	9
45	Inhibition of Myosin Light-Chain Kinase Enhances the Clearance of Lipopolysaccharide-Induced Lung Inflammation Possibly by Accelerating Neutrophil Apoptosis. <i>Shock</i> , 2017, 48, 377-386.	1.0	9
46	Inhibition of p21-activated kinase 1 attenuates the cardinal features of asthma through suppressing the lymph node homing of dendritic cells. <i>Biochemical Pharmacology</i> , 2018, 154, 464-473.	2.0	8
47	Human HAND1 inhibits the conversion of cholesterol to steroids in trophoblasts. <i>Journal of Genetics and Genomics</i> , 2022, 49, 350-363.	1.7	8
48	CRTH2 antagonist, CT-133, effectively alleviates cigarette smoke-induced acute lung injury. <i>Life Sciences</i> , 2019, 216, 156-167.	2.0	7
49	CircZNF652 promotes the goblet cell metaplasia by targeting the miR-452-5p/JAK2 signaling pathway in allergic airway epithelia. <i>Journal of Allergy and Clinical Immunology</i> , 2022, , .	1.5	7
50	Hedgehog Signaling: Linking Embryonic Lung Development and Asthmatic Airway Remodeling. <i>Cells</i> , 2022, 11, 1774.	1.8	7
51	Antenatal exposure to betamethasone induces placental 11 β -hydroxysteroid dehydrogenase type 2 expression and the adult metabolic disorders in mice. <i>PLoS ONE</i> , 2018, 13, e0203802.	1.1	6
52	COVID-19 vaccine trials and sex-disaggregated data. <i>Expert Review of Vaccines</i> , 2022, 21, 285-288.	2.0	5
53	COVID-19 and inhibitors of the renin-angiotensin-aldosterone system. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 815-816.	2.0	3
54	Verapamil attenuates oxidative stress and inflammatory responses in cigarette smoke (CS)-induced murine models of acute lung injury and CSE-stimulated RAW 264.7 macrophages via inhibiting the NF- κ B pathway. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112783.	2.5	3

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55	T851I mutation of human large tumor suppressor 1 disrupts its kinase activity and tumor-suppressor functions. <i>Life Sciences</i> , 2021, 264, 118655.	2.0	2
56	SUMOylation activates large tumour suppressor 1 to maintain the tissue homeostasis during Hippo signalling. <i>Oncogene</i> , 2021, 40, 5357-5366.	2.6	2
57	Dengue control in Pakistan: prior planning is better than controlling too late. <i>BMJ, The</i> , 2019, 367, l6912.	3.0	0