

# Jijun Hao

## List of Publications by Year in descending order

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36  
papers

1,824  
citations

394421

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345221

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g-index

51  
all docs

51  
docs citations

51  
times ranked

3304  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Vivo</i> Structure-Activity Relationship Study of Dorsomorphin Analogues Identifies Selective VEGF and BMP Inhibitors. ACS Chemical Biology, 2010, 5, 245-253.	3.4	361
2	Dorsomorphin, a Selective Small Molecule Inhibitor of BMP Signaling, Promotes Cardiomyogenesis in Embryonic Stem Cells. PLoS ONE, 2008, 3, e2904.	2.5	188
3	Distinct signalling pathways regulate sprouting angiogenesis from the dorsal aorta and the axial vein. Nature Cell Biology, 2011, 13, 686-692.	10.3	175
4	FOXC1 Activates Smoothed-Independent Hedgehog Signaling in Basal-like Breast Cancer. Cell Reports, 2015, 13, 1046-1058.	6.4	124
5	Cardiac Induction of Embryonic Stem Cells by a Small Molecule Inhibitor of Wnt/ $\beta$ -Catenin Signaling. ACS Chemical Biology, 2011, 6, 192-197.	3.4	120
6	Targeting Signaling Pathways in Cancer Stem Cells for Cancer Treatment. Stem Cells International, 2017, 2017, 1-10.	2.5	114
7	Recent Development of Wnt Signaling Pathway Inhibitors for Cancer Therapeutics. Current Oncology Reports, 2019, 21, 12.	4.0	91
8	A thermostable variant of fructose bisphosphate aldolase constructed by directed evolution also shows increased stability in organic solvents. Protein Engineering, Design and Selection, 2004, 17, 689-697.	2.1	78
9	Selective Small Molecule Targeting $\beta$ -Catenin Function Discovered by <i>In Vivo</i> Chemical Genetic Screen. Cell Reports, 2013, 4, 898-904.	6.4	63
10	Development of anticancer agents targeting the Wnt/ $\beta$ -catenin signaling. American Journal of Cancer Research, 2015, 5, 2344-60.	1.4	50
11	DMH1, a Novel BMP Small Molecule Inhibitor, Increases Cardiomyocyte Progenitors and Promotes Cardiac Differentiation in Mouse Embryonic Stem Cells. PLoS ONE, 2012, 7, e41627.	2.5	46
12	DMH1, a Small Molecule Inhibitor of BMP Type I Receptors, Suppresses Growth and Invasion of Lung Cancer. PLoS ONE, 2014, 9, e90748.	2.5	43
13	An <i>In Vivo</i> Chemical Genetic Screen Identifies Phosphodiesterase 4 as a Pharmacological Target for Hedgehog Signaling Inhibition. Cell Reports, 2015, 11, 43-50.	6.4	40
14	Rapid generation of sub-type, region-specific neurons and neural networks from human pluripotent stem cell-derived neurospheres. Stem Cell Research, 2015, 15, 731-741.	0.7	36
15	Treatment of Neurodegenerative Diseases with Bioactive Components of <i>Tripterygium wilfordii</i> . The American Journal of Chinese Medicine, 2019, 47, 769-785.	3.8	36
16	Triptonide Effectively Inhibits Wnt/ $\beta$ -Catenin Signaling via C-terminal Transactivation Domain of $\beta$ -catenin. Scientific Reports, 2016, 6, 32779.	3.3	32
17	Regenerative Chemical Biology: Current Challenges and Future Potential. Chemistry and Biology, 2011, 18, 413-424.	6.0	25
18	Overcoming chemoresistance in prostate cancer with Chinese medicine <i>Tripterygium wilfordii</i> via multiple mechanisms. Oncotarget, 2016, 7, 61246-61261.	1.8	23

#	ARTICLE	IF	CITATIONS
19	Directed cardiomyogenesis of human pluripotent stem cells by modulating Wnt/ $\beta$ -catenin and BMP signalling with small molecules. <i>Biochemical Journal</i> , 2015, 469, 235-241.	3.7	20
20	Development of anticancer agents targeting the Hedgehog signaling. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2773-2782.	5.4	18
21	Polymodal allosteric regulation of Type 1 Serine/Threonine Kinase Receptors via a conserved electrostatic lock. <i>PLoS Computational Biology</i> , 2017, 13, e1005711.	3.2	16
22	Phosphodiesterase 4D, miR-203 and selected cytokines in the peripheral blood are associated with canine atopic dermatitis. <i>PLoS ONE</i> , 2019, 14, e0218670.	2.5	16
23	ACVR1-Fc suppresses BMP signaling and chondro-osseous differentiation in an in vitro model of Fibrodysplasia ossificans progressiva. <i>Bone</i> , 2016, 92, 29-36.	2.9	15
24	Large Scale Zebrafish-Based <i>In vivo</i> Small Molecule Screen. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	14
25	Uncovering Molecular Bases Underlying Bone Morphogenetic Protein Receptor Inhibitor Selectivity. <i>PLoS ONE</i> , 2015, 10, e0132221.	2.5	11
26	Recent progress in drug development for fibrodysplasia ossificans progressiva. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 2327-2334.	3.1	11
27	Influence of hypoxia on the stemness of umbilical cord matrix-derived mesenchymal stem cells cultured on chitosan films. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 501-511.	3.4	9
28	A double-blinded placebo-controlled evaluation of adipose-derived mesenchymal stem cells in treatment of canine atopic dermatitis. <i>Veterinary Research Communications</i> , 2022, 46, 251-260.	1.6	9
29	Development of New Therapeutic Agents for Fibrodysplasia Ossificans Progressiva.. <i>Current Molecular Medicine</i> , 2016, 16, 4-11.	1.3	8
30	Recent Progress on Chemical Biology of Pluripotent Stem Cell Selfrenewal, Reprogramming and Cardiomyogenesis. <i>Recent Patents on Regenerative Medicine</i> , 2011, 1, 263-274.	0.4	8
31	A simple and sensitive HPLC-MS/MS method for quantification of eggmanone in rat plasma and its application to pharmacokinetics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 37-43.	2.8	6
32	Insight into Molecular Mechanism for Activin A-Induced Bone Morphogenetic Protein Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6498.	4.1	6
33	Identification of triptonide as a therapeutic agent for triple negative breast cancer treatment. <i>Scientific Reports</i> , 2021, 11, 2408.	3.3	4
34	DMH4, a VEGFR2 inhibitor, effectively suppresses growth and invasion of lung cancer cells. <i>Journal of Applied Biomedicine</i> , 2018, 16, 46-50.	1.7	3
35	Regulation of Stemness in Carcinoma Cells. <i>Stem Cells International</i> , 2017, 2017, 1-2.	2.5	1
36	Eggmanone Effectively Overcomes Prostate Cancer Cell Chemoresistance. <i>Biomedicines</i> , 2021, 9, 538.	3.2	1