

# Hua Han

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,624  
citations

279798

23  
h-index

197818

49  
g-index

67  
all docs

67  
docs citations

67  
times ranked

4117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inducible gene knockout of transcription factor recombination signal binding protein $\delta$ reveals its essential role in T versus B lineage decision. <i>International Immunology</i> , 2002, 14, 637-645.	4.0	533
2	Crosstalk between hepatic tumor cells and macrophages via Wnt/ $\beta$ -catenin signaling promotes M2-like macrophage polarization and reinforces tumor malignant behaviors. <i>Cell Death and Disease</i> , 2018, 9, 793.	6.3	193
3	Cytherapy with M1-polarized macrophages ameliorates liver fibrosis by modulating immune microenvironment in mice. <i>Journal of Hepatology</i> , 2017, 67, 770-779.	3.7	174
4	RBP $\delta$ , the transcription factor downstream of Notch receptors, is essential for the maintenance of vascular homeostasis in adult mice. <i>FASEB Journal</i> , 2008, 22, 1606-1617.	0.5	102
5	Stem cells: a promising candidate to treat neurological disorders. <i>Neural Regeneration Research</i> , 2018, 13, 1294.	3.0	101
6	Forced Activation of Notch in Macrophages Represses Tumor Growth by Upregulating miR-125a and Disabling Tumor-Associated Macrophages. <i>Cancer Research</i> , 2016, 76, 1403-1415.	0.9	96
7	miR-148a-3p Mediates Notch Signaling to Promote the Differentiation and M1 Activation of Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 1327.	4.8	91
8	Endothelial Notch activation reshapes the angiocrine of sinusoidal endothelia to aggravate liver fibrosis and blunt regeneration in mice. <i>Hepatology</i> , 2018, 68, 677-690.	7.3	88
9	Long non-coding RNAs AC026904.1 and UCA1: a "one-two punch" for TGF- $\beta$ -induced SNAI2 activation and epithelial-mesenchymal transition in breast cancer. <i>Theranostics</i> , 2018, 8, 2846-2861.	10.0	79
10	NOTCH Signaling via WNT Regulates the Proliferation of Alternative, CCR2-Independent Tumor-Associated Macrophages in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2019, 79, 4160-4172.	0.9	73
11	Uterine Rbpj is required for embryonic-uterine orientation and decidual remodeling via Notch pathway-independent and -dependent mechanisms. <i>Cell Research</i> , 2014, 24, 925-942.	12.0	68
12	Hif-1 $\alpha$ and Hif-2 $\alpha$ differentially regulate Notch signaling through competitive interaction with the intracellular domain of Notch receptors in glioma stem cells. <i>Cancer Letters</i> , 2014, 349, 67-76.	7.2	67
13	Notch Signaling Modulates Macrophage Polarization and Phagocytosis Through Direct Suppression of Signal Regulatory Protein 1 $\alpha$ Expression. <i>Frontiers in Immunology</i> , 2018, 9, 1744.	4.8	67
14	GOLM1 promotes prostate cancer progression through activating PI3K $\rightarrow$ AKT $\rightarrow$ mTOR signaling. <i>Prostate</i> , 2018, 78, 166-177.	2.3	60
15	Neurons can upregulate Cav-1 to increase intake of endothelial cells-derived extracellular vesicles that attenuate apoptosis via miR-1290. <i>Cell Death and Disease</i> , 2019, 10, 869.	6.3	57
16	miR-342 $\alpha$ is a Notch Downstream Molecule and Regulates Multiple Angiogenic Pathways Including Notch, Vascular Endothelial Growth Factor and Transforming Growth Factor $\beta$ Signaling. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	54
17	miR-342-5p Regulates Neural Stem Cell Proliferation and Differentiation Downstream to Notch Signaling in Mice. <i>Stem Cell Reports</i> , 2017, 8, 1032-1045.	4.8	49
18	Shear stress-induced cellular senescence blunts liver regeneration through Notch-sirtuin 1 $\rightarrow$ P21/P16 axis. <i>Hepatology</i> , 2022, 75, 584-599.	7.3	44

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19	SNAIL1, an endothelialâ€mesenchymal transition transcription factor, promotes the early phase of ocular neovascularization. <i>Angiogenesis</i> , 2018, 21, 635-652.	7.2	37
20	Targeted delivery of miR-99b reprograms tumor-associated macrophage phenotype leading to tumor regression. , 2020, 8, e000517.		37
21	Tripartite motif 16 ameliorates nonalcoholic steatohepatitis by promoting the degradation of phospho-TAK1. <i>Cell Metabolism</i> , 2021, 33, 1372-1388.e7.	16.2	37
22	Inhibition of Notch signaling leads to increased intracellular ROS by up-regulating Nox4 expression in primary HUVECs. <i>Cellular Immunology</i> , 2014, 287, 129-135.	3.0	31
23	Myeloid-specific targeting of Notch ameliorates murine renal fibrosis via reduced infiltration and activation of bone marrow-derived macrophage. <i>Protein and Cell</i> , 2019, 10, 196-210.	11.0	28
24	Exosomes derived from human umbilical vein endothelial cells promote neural stem cell expansion while maintain their stemness in culture. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 892-898.	2.1	24
25	A ketogenic diet attenuates proliferation and stemness of glioma stemâ€like cells by altering metabolism resulting in increased ROS production. <i>International Journal of Oncology</i> , 2020, 56, 606-617.	3.3	24
26	Notch-mediated lactate metabolism regulates MDSC development through the Hes1/MCT2/c-Jun axis. <i>Cell Reports</i> , 2022, 38, 110451.	6.4	24
27	Disruption of Notch signaling aggravates irradiation-induced bone marrow injury, which is ameliorated by a soluble DLL1 ligand through Csf2rb2 upregulation. <i>Scientific Reports</i> , 2016, 6, 26003.	3.3	23
28	The Notch ligand delta-like 3 promotes tumor growth and inhibits Notch signaling in lung cancer cells in mice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 488-494.	2.1	23
29	Myeloid-Specific Blockade of Notch Signaling by RBP-J Knockout Attenuates Spinal Cord Injury Accompanied by Compromised Inflammation Response in Mice. <i>Molecular Neurobiology</i> , 2015, 52, 1378-1390.	4.0	21
30	The different role of YKL-40 in glioblastoma is a function of MGMT promoter methylation status. <i>Cell Death and Disease</i> , 2020, 11, 668.	6.3	21
31	Differential modulation of cyclin-dependent kinase inhibitor p27Kip1 by negative signaling via the antigen receptor of B cells and positive signaling via CD40. <i>European Journal of Immunology</i> , 1996, 26, 2425-2432.	2.9	20
32	The chimeric ubiquitin ligase SH2-U-box inhibits the growth of imatinib-sensitive and resistant CML by targeting the native and T315I-mutant BCR-ABL. <i>Scientific Reports</i> , 2016, 6, 28352.	3.3	20
33	Temozolomide Treatment Induces HMGB1 to Promote the Formation of Glioma Stem Cells via the TLR2/NEAT1/Wnt Pathway in Glioblastoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 620883.	3.7	20
34	The LIM domain protein FHL1C interacts with tight junction protein ZO-1 contributing to the epithelialâ€mesenchymal transition (EMT) of a breast adenocarcinoma cell line. <i>Gene</i> , 2014, 542, 182-189.	2.2	18
35	Capillarized Liver Sinusoidal Endothelial Cells Undergo Partial Endothelial-Mesenchymal Transition to Actively Deposit Sinusoidal ECM in Liver Fibrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671081.	3.7	17
36	Adenovirus infection promotes the formation of glioma stem cells from glioblastoma cells through the TLR9/NEAT1/STAT3 pathway. <i>Cell Communication and Signaling</i> , 2020, 18, 135.	6.5	16

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37	Activation of Peroxisome Proliferator-activated Receptor $\gamma$ Attenuates Acute Ischemic Stroke on Middle Cerebral Ischemia Occlusion in Rats. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 1396-1402.	1.6	15
38	Myeloid-Specific Blockade of Notch Signaling Attenuates Choroidal Neovascularization through Compromised Macrophage Infiltration and Polarization in Mice. <i>Scientific Reports</i> , 2016, 6, 28617.	3.3	14
39	Deficiency of Ttyh1 downstream to Notch signaling results in precocious differentiation of neural stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 842-847.	2.1	14
40	Disruption of myofibroblastic Notch signaling attenuates liver fibrosis by modulating fibrosis progression and regression. <i>International Journal of Biological Sciences</i> , 2021, 17, 2135-2146.	6.4	14
41	Research Progress on the Pathogenesis of Aortic Dissection. <i>Current Problems in Cardiology</i> , 2023, 48, 101249.	2.4	14
42	Blocking Notch signal in myeloid cells alleviates hepatic ischemia reperfusion injury by repressing the activation of NF- $\kappa$ B through CYLD. <i>Scientific Reports</i> , 2016, 6, 32226.	3.3	12
43	Myeloid-specific blockade of Notch signaling alleviates murine pulmonary fibrosis through regulating monocyte-derived Ly6c <sup>lo</sup> MHCII <sup>hi</sup> alveolar macrophages recruitment and TGF $\beta$ <sup>2</sup> secretion. <i>FASEB Journal</i> , 2020, 34, 11168-11184.	0.5	12
44	Endothelial Notch activation promotes neutrophil transmigration via downregulating endomucin to aggravate hepatic ischemia/reperfusion injury. <i>Science China Life Sciences</i> , 2020, 63, 375-387.	4.9	11
45	Notch activation promotes endothelial quiescence by repressing MYC expression via miR-218. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 554-566.	5.1	10
46	The Effects of ABCG2 on the Viability, Proliferation and Paracrine Actions of Kidney Side Population Cells under Oxygen-Glucose Deprivation. <i>International Journal of Medical Sciences</i> , 2014, 11, 1001-1008.	2.5	9
47	Tweety-Homolog 1 Facilitates Pain via Enhancement of Nociceptor Excitability and Spinal Synaptic Transmission. <i>Neuroscience Bulletin</i> , 2021, 37, 478-496.	2.9	9
48	Transmembrane protein 215 promotes angiogenesis by maintaining endothelial cell survival. <i>Journal of Cellular Physiology</i> , 2019, 234, 9525-9534.	4.1	8
49	Expression and purification of mouse Ttyh1 fragments as antigens to generate Ttyh1-specific monoclonal antibodies. <i>Protein Expression and Purification</i> , 2017, 130, 81-89.	1.3	7
50	Notch activation suppresses endothelial cell migration and sprouting via miR-223-3p targeting Fbxw7. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2022, 58, 124-135.	1.5	7
51	SM22 $\alpha$ + vascular mural cells are essential for vessel stability in tumors and undergo phenotype transition regulated by Notch signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 124.	8.6	6
52	miR-582 negatively regulates pre-B cell proliferation and survival through targeting Hif1 $\alpha$ and Rictor. <i>Cell Death and Disease</i> , 2022, 13, 107.	6.3	5
53	Downregulation of FHL1 protein in glioma inhibits tumor growth through PI3K/AKT signaling. <i>Oncology Letters</i> , 2020, 19, 3781-3788.	1.8	4
54	Transmembrane Protein Ttyh1 Maintains the Quiescence of Neural Stem Cells Through Ca <sup>2+</sup> /NFATc3 Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 779373.	3.7	4

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55	A fusion protein composed of the DSL domain of Dll1 and RGD motif protects cryptic stem cells in irradiation injury. <i>Bioscience Reports</i> , 2018, 38, .	2.4	2
56	Regulation of macrophage migration in ischemic mouse hearts via an AKT2/NBA1/SPK1 pathway. <i>Oncotarget</i> , 2017, 8, 115345-115359.	1.8	2
57	miR-582 Suppresses the Proliferation of B-Cell Precursor Acute Lymphoblastic Leukemia (BCP-ALL) Cells and Protects Them From Natural Killer Cell-Mediated Cytotoxicity. <i>Frontiers in Immunology</i> , 2022, 13, 853094.	4.8	2
58	MicroRNA-582-5p Contributes to the Maintenance of Neural Stem Cells Through Inhibiting Secretory Protein FAM19A1. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	3.7	2
59	Reply to: “Studies of macrophage therapy for cirrhosis” From mice to men. <i>Journal of Hepatology</i> , 2018, 68, 1091-1093.	3.7	1
60	Positive Selection of Natural Poly-Reactive B Cells in the Periphery Occurs Independent of Heavy Chain Allelic Inclusion. <i>PLoS ONE</i> , 2015, 10, e0125747.	2.5	0
61	A student experience-based teaching to improve the understanding of genotype-phenotype relationship in classroom teaching of medical genetics. <i>Journal of Biological Education</i> , 0, , 1-11.	1.5	0