

Andreas Fischer

List of Publications by Citations

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34 papers	1,935 citations	18 h-index	41 g-index
41 ext. papers	2,263 ext. citations	8.4 avg, IF	4.84 L-index

#	Paper	IF	Citations
34	The Notch target genes Hey1 and Hey2 are required for embryonic vascular development. <i>Genes and Development</i> , 2004 , 18, 901-11	12.6	507
33	Delta-Notch--and then? Protein interactions and proposed modes of repression by Hes and Hey bHLH factors. <i>Nucleic Acids Research</i> , 2007 , 35, 4583-96	20.1	288
32	Hypoxia-mediated activation of DLL4-Notch-Hey2 signaling in endothelial progenitor cells and adoption of arterial cell fate. <i>Experimental Cell Research</i> , 2007 , 313, 1-9	4.2	172
31	Endothelial Notch1 Activity Facilitates Metastasis. <i>Cancer Cell</i> , 2017 , 31, 355-367	24.3	161
30	Combined loss of Hey1 and HeyL causes congenital heart defects because of impaired epithelial to mesenchymal transition. <i>Circulation Research</i> , 2007 , 100, 856-63	15.7	133
29	Hey basic helix-loop-helix transcription factors are repressors of GATA4 and GATA6 and restrict expression of the GATA target gene ANF in fetal hearts. <i>Molecular and Cellular Biology</i> , 2005 , 25, 8960-70	1.8	98
28	Semaphorin-3C signals through Neuropilin-1 and PlexinD1 receptors to inhibit pathological angiogenesis. <i>EMBO Molecular Medicine</i> , 2015 , 7, 1267-84	12	71
27	Inhibition of Endothelial Notch Signaling Impairs Fatty Acid Transport and Leads to Metabolic and Vascular Remodeling of the Adult Heart. <i>Circulation</i> , 2018 , 137, 2592-2608	16.7	61
26	Integrin cytoplasmic domain-associated protein-1 attenuates sprouting angiogenesis. <i>Circulation Research</i> , 2010 , 107, 592-601	15.7	53
25	Hey genes in cardiovascular development. <i>Trends in Cardiovascular Medicine</i> , 2003 , 13, 221-6	6.9	53
24	Cerebral Cavernous Malformation-1 Protein Controls DLL4-Notch3 Signaling Between the Endothelium and Pericytes. <i>Stroke</i> , 2015 , 46, 1337-43	6.7	51
23	Synaptojanin-2 binding protein stabilizes the Notch ligands DLL1 and DLL4 and inhibits sprouting angiogenesis. <i>Circulation Research</i> , 2013 , 113, 1206-18	15.7	37
22	Loss of Mpdz impairs ependymal cell integrity leading to perinatal-onset hydrocephalus in mice. <i>EMBO Molecular Medicine</i> , 2017 , 9, 890-905	12	31
21	Phenotypic variability in Hey2 ^{-/-} mice and absence of HEY2 mutations in patients with congenital heart defects or Alagille syndrome. <i>Mammalian Genome</i> , 2004 , 15, 711-6	3.2	29
20	Serum induces transcription of Hey1 and Hey2 genes by Alk1 but not Notch signaling in endothelial cells. <i>PLoS ONE</i> , 2015 , 10, e0120547	3.7	27
19	Control of Blood Vessel Formation by Notch Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1066, 319-338	3.6	23
18	Soluble Notch ligand and receptor peptides act antagonistically during angiogenesis. <i>Cardiovascular Research</i> , 2015 , 107, 153-63	9.9	18

17	The Endothelium: An Active Regulator of Lipid and Glucose Homeostasis. <i>Trends in Cell Biology</i> , 2021 , 31, 37-49	18.3	18
16	Inactivation of the serine protease HTRA1 inhibits tumor growth by deregulating angiogenesis. <i>Oncogene</i> , 2018 , 37, 4260-4272	9.2	16
15	Human Endothelial Cell Spheroid-based Sprouting Angiogenesis Assay in Collagen. <i>Bio-protocol</i> , 2018 , 8, e2995	0.9	14
14	Endothelial Notch signaling controls insulin transport in muscle. <i>EMBO Molecular Medicine</i> , 2020 , 12, e09271	12	14
13	MPDZ promotes DLL4-induced Notch signaling during angiogenesis. <i>ELife</i> , 2018 , 7,	8.9	11
12	Loss of the serine protease HTRA1 impairs smooth muscle cells maturation. <i>Scientific Reports</i> , 2019 , 9, 18224	4.9	8
11	Time to Exhale: Additional Value of Expiratory Chest CT in Chronic Obstructive Pulmonary Disease. <i>Canadian Respiratory Journal</i> , 2018 , 2018, 9493504	2.1	7
10	Quantification of All-Trans Retinoic Acid by Liquid Chromatography-Tandem Mass Spectrometry and Association with Lipid Profile in Patients with Type 2 Diabetes. <i>Metabolites</i> , 2021 , 11,	5.6	6
9	Notch1 induces endothelial senescence and promotes tumor progression. <i>Cell Cycle</i> , 2017 , 16, 911-912	4.7	5
8	Vascular Permeability: Flow-Mediated, Non-canonical Notch Signalling Promotes Barrier Integrity. <i>Current Biology</i> , 2018 , 28, R119-R121	6.3	5
7	Ketone body oxidation increases cardiac endothelial cell proliferation.. <i>EMBO Molecular Medicine</i> , 2022 , e14753	12	5
6	Intraperitoneal Oil Application Causes Local Inflammation with Depletion of Resident Peritoneal Macrophages. <i>Molecular Cancer Research</i> , 2021 , 19, 288-300	6.6	4
5	Synthesis of Silver Modified Bioactive Glassy Materials with Antibacterial Properties via Facile and Low-Temperature Route. <i>Materials</i> , 2020 , 13,	3.5	3
4	Control of Tumor Progression by Angiocrine Factors. <i>Cancers</i> , 2021 , 13,	6.6	3
3	Notch signaling facilitates crossing of endothelial barriers by tumor cells. <i>Molecular and Cellular Oncology</i> , 2017 , 4, e1311828	1.2	1
2	Hepatocyte-specific activity of TSC22D4 triggers progressive NAFLD by impairing mitochondrial function.. <i>Molecular Metabolism</i> , 2022 , 101487	8.8	1
1	Loss of Nfat5 promotes lipid accumulation in vascular smooth muscle cells. <i>FASEB Journal</i> , 2021 , 35, e21831	0.9	0