

Jan K Kitajewski

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

4,652
citations

201674

27
h-index

175258

52
g-index

57
all docs

57
docs citations

57
times ranked

9055
citing authors

#	ARTICLE	IF	CITATIONS
1	Stromal Elements Act to Restrain, Rather Than Support, Pancreatic Ductal Adenocarcinoma. <i>Cancer Cell</i> , 2014, 25, 735-747.	16.8	1,616
2	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018, 21, 425-532.	7.2	429
3	Notch β -RBP-J signaling regulates the transcription factor IRF8 to promote inflammatory macrophage polarization. <i>Nature Immunology</i> , 2012, 13, 642-650.	14.5	361
4	Notch function in the vasculature: insights from zebrafish, mouse and man. <i>BioEssays</i> , 2004, 26, 225-234.	2.5	196
5	Pericytes are progenitors for coronary artery smooth muscle. <i>ELife</i> , 2015, 4, .	6.0	162
6	Notch alters VEGF responsiveness in human and murine endothelial cells by direct regulation of VEGFR-3 expression. <i>Journal of Clinical Investigation</i> , 2007, 117, 3369-3382.	8.2	135
7	NOTCH Decoys That Selectively Block DLL/NOTCH or JAG/NOTCH Disrupt Angiogenesis by Unique Mechanisms to Inhibit Tumor Growth. <i>Cancer Discovery</i> , 2015, 5, 182-197.	9.4	123
8	Leukotriene B ₄ antagonism ameliorates experimental lymphedema. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	112
9	Redox Regulation of Mitochondrial Fission Protein Drp1 by Protein Disulfide Isomerase Limits Endothelial Senescence. <i>Cell Reports</i> , 2018, 23, 3565-3578.	6.4	104
10	Notch1 functions as a negative regulator of lymphatic endothelial cell differentiation in the venous endothelium. <i>Development (Cambridge)</i> , 2013, 140, 2365-2376.	2.5	96
11	Combined deficiency of Notch1 and Notch3 causes pericyte dysfunction, models CADASIL and results in arteriovenous malformations. <i>Scientific Reports</i> , 2015, 5, 16449.	3.3	96
12	Vascular Endothelial Growth Factor Receptor 2 (VEGFR-2) Functions to Promote Uterine Decidual Angiogenesis during Early Pregnancy in the Mouse. <i>Endocrinology</i> , 2009, 150, 3845-3854.	2.8	94
13	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Endothelial Cells Accelerates Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1328-1337.	2.4	92
14	Neural innervation stimulates splenic TFF2 to arrest myeloid cell expansion and cancer. <i>Nature Communications</i> , 2016, 7, 10517.	12.8	86
15	Chloride intracellular channel 4 is involved in endothelial proliferation and morphogenesis in vitro. <i>Angiogenesis</i> , 2009, 12, 209-220.	7.2	83
16	A new paradigm for the role of smooth muscle cells in the human cervix. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 478.e1-478.e11.	1.3	83
17	Unique patterns of Notch1, Notch4 and Jagged1 expression in ovarian vessels during folliculogenesis and corpus luteum formation. <i>Gene Expression Patterns</i> , 2005, 5, 701-709.	0.8	64
18	PDGFR β -P2A-CreERT2 mice: a genetic tool to target pericytes in angiogenesis. <i>Angiogenesis</i> , 2017, 20, 655-662.	7.2	56

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19	Chloride intracellular channel 1 functions in endothelial cell growth and migration. <i>Journal of Angiogenesis Research</i> , 2010, 2, 23.	2.9	55
20	In vitro modeling of endothelial interaction with macrophages and pericytes demonstrates Notch signaling function in the vascular microenvironment. <i>Angiogenesis</i> , 2016, 19, 201-215.	7.2	48
21	A systematic evaluation of collagen cross-links in the human cervix. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 321.e1-321.e8.	1.3	47
22	Notch signaling functions in lymphatic valve formation. <i>Development (Cambridge)</i> , 2014, 141, 2446-2451.	2.5	46
23	Notch Suppresses Angiogenesis and Progression of Hepatic Metastases. <i>Cancer Research</i> , 2015, 75, 1592-1602.	0.9	45
24	Release of stem cells from quiescence reveals gliogenic domains in the adult mouse brain. <i>Science</i> , 2021, 372, 1205-1209.	12.6	44
25	Endothelial-specific inhibition of NF- κ B enhances functional haematopoiesis. <i>Nature Communications</i> , 2016, 7, 13829.	12.8	40
26	Loss of Activin Receptor Type 1B Accelerates Development of Intraductal Papillary Mucinous Neoplasms in Mice With Activated KRAS. <i>Gastroenterology</i> , 2016, 150, 218-228.e12.	1.3	32
27	Notch and VEGF pathways play distinct but complementary roles in tumor angiogenesis. <i>Vascular Cell</i> , 2013, 5, 17.	0.2	31
28	Activation of an endothelial Notch1-Jagged1 circuit induces VCAM1 expression, an effect amplified by interleukin-1 β . <i>Oncotarget</i> , 2015, 6, 43216-43229.	1.8	28
29	VEGFR-1 blockade disrupts peri-implantation decidual angiogenesis and macrophage recruitment. <i>Vascular Cell</i> , 2014, 6, 16.	0.2	26
30	Vascular Notch proteins and Notch signaling in the peri-implantation mouse uterus. <i>Vascular Cell</i> , 2015, 7, 9.	0.2	21
31	Crossregulation between En-2 and Wnt-1 in chick tectal development. <i>Development Growth and Differentiation</i> , 1998, 40, 157-166.	1.5	20
32	CLIC1 and CLIC4 mediate endothelial S1P receptor signaling to facilitate Rac1 and RhoA activity and function. <i>Science Signaling</i> , 2021, 14, .	3.6	17
33	Dynamic maternal and fetal Notch activity and expression in placentation. <i>Placenta</i> , 2017, 55, 5-12.	1.5	15
34	It's hard to keep all things angiogenic in one JAR!. <i>Vascular Cell</i> , 2011, 3, 1.	0.2	14
35	NOTCH2 expression is decreased in epithelial ovarian cancer and is related to the tumor histological subtype. <i>Pathology Discovery</i> , 2013, 1, 4.	0.5	13
36	Extracellular Matrix Rigidity Modulates Human Cervical Smooth Muscle Contractility—New Insights into Premature Cervical Failure and Spontaneous Preterm Birth. <i>Reproductive Sciences</i> , 2021, 28, 237-251.	2.5	12

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37	Omega-3 fatty acids suppress <i>Fusobacterium nucleatum</i> -induced placental inflammation originating from maternal endothelial cells. <i>JCI Insight</i> , 2019, 4, .	5.0	11
38	Endothelial Notch signaling directly regulates the small GTPase RND1 to facilitate Notch suppression of endothelial migration. <i>Scientific Reports</i> , 2022, 12, 1655.	3.3	11
39	Endothelial Jagged1 Antagonizes DLL4/Notch Signaling in Decidual Angiogenesis during Early Mouse Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6477.	4.1	10
40	Notch3 signaling promotes tumor cell adhesion and progression in a murine epithelial ovarian cancer model. <i>PLoS ONE</i> , 2020, 15, e0233962.	2.5	10
41	Notch regulates vascular collagen IV basement membrane through modulation of lysyl hydroxylase 3 trafficking. <i>Angiogenesis</i> , 2021, 24, 789-805.	7.2	10
42	Unique functions for Notch4 in murine embryonic lymphangiogenesis. <i>Angiogenesis</i> , 2022, 25, 205-224.	7.2	10
43	Wnts heal by restraining angiogenesis. <i>Blood</i> , 2013, 121, 2381-2382.	1.4	9
44	Implications for preeclampsia: hypoxia-induced Notch promotes trophoblast migration. <i>Reproduction</i> , 2021, 161, 681-696.	2.6	8
45	Therapeutic potential of adenovirus-mediated TFF2-CTP-Flag peptide for treatment of colorectal cancer. <i>Cancer Gene Therapy</i> , 2019, 26, 48-57.	4.6	5
46	Endothelial Cell Fate Determination: A Top Notch Job in Vascular Decision-Making. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2022, , a041183.	6.2	5
47	Fine-Tuning Endothelial Notch: SIRT-ainly an Unexpected Mechanism. <i>Developmental Cell</i> , 2011, 20, 577-578.	7.0	4
48	Dominant negative inhibition of canonical Notch signaling in trophoblast cells does not disrupt placenta formation. <i>Biology Open</i> , 2019, 8, .	1.2	4
49	Arteriovenous Malformations in Five Dimensions. <i>Science Translational Medicine</i> , 2012, 4, 117fs3.	12.4	3
50	Inhibition of Jagged-Specific Notch Activation Reduces Luteal Angiogenesis and Causes Luteal Hemorrhaging of Hormonally Stimulated Ovaries. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 325-332.	4.9	3
51	Neuroblastoma differentiation in vivo excludes cranial tumors. <i>Developmental Cell</i> , 2021, 56, 2752-2764.e6.	7.0	2
52	"Large eaters" meet blood vessels: a new thematic series on macrophages and angiogenesis. <i>Vascular Cell</i> , 2012, 4, 17.	0.2	1
53	Notch Genes: Orchestrating Endothelial Differentiation. , 0, , 368-374.		0
54	Lymphatics in health and disease: a new thematic series in vascular cell. <i>Vascular Cell</i> , 2013, 5, 14.	0.2	0

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55	Cervical Collagen Network Remodeling in Normal and Disrupted Parturition Mouse Models. , 2013, , .		0