AntÃ³nio Duarte

List of Publications by Year
in descending order

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45 papers	5,228 citations	257450 24 h-index	243625 44 g-index
47 all docs	47 docs citations	47 times ranked	6815 citing authors

#	Article	IF	Citations
1	Blocking VEGFR-3 suppresses angiogenic sprouting and vascular network formation. Nature, 2008, 454, 656-660.	27.8	731
2	The Notch ligand Delta-like 4 negatively regulates endothelial tip cell formation and vessel branching. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3225-3230.	7.1	703
3	Dosage-sensitive requirement for mouse Dll4 in artery development. Genes and Development, 2004, 18, 2474-2478.	5.9	486
4	Delta-like 4 is the essential, nonredundant ligand for Notch1 during thymic T cell lineage commitment. Journal of Experimental Medicine, 2008, 205, 2515-2523.	8.5	389
5	Identification and functional analysis of endothelial tip cellâ€“enriched genes. Blood, 2010, 116, 4025-4033.	1.4	379
6	ALK1 Signaling Inhibits Angiogenesis by Cooperating with the Notch Pathway. Developmental Cell, 2012, 22, 489-500.	7.0	322
7	Notch-dependent VEGFR3 upregulation allows angiogenesis without VEGFâ€“VEGFR2 signalling. Nature, 2012, 484, 110-114.	27.8	315
8	The forkhead transcription factors, Foxc1 and Foxc2, are required for arterial specification and lymphatic sprouting during vascular development. Developmental Biology, 2006, 294, 458-470.	2.0	245
9	Inhibition of Dll4-mediated signaling induces proliferation of immature vessels and results in poor tissue perfusion. Blood, 2007, 109, 4753-4760.	1.4	220
10	RNA binding by the Wilms tumor suppressor zinc finger proteins.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7562-7566.	7.1	197
11	Overexpression of delta-like 4 induces arterialization and attenuates vessel formation in developing mouse embryos. Blood, 2008, 112, 1720-1729.	1.4	118
12	Endothelial Jagged1 Antagonizes Dll4 Regulation of Endothelial Branching and Promotes Vascular Maturation Downstream of Dll4/Notch1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1134-1146.	2.4	104
13	Expression of Dll4 during mouse embryogenesis suggests multiple developmental roles. Gene Expression Patterns, 2005, 5, 750-755.	0.8	95
14	Combination of Dll4/Notch and Ephrin-B2/EphB4 targeted therapy is highly effective in disrupting tumor angiogenesis. BMC Cancer, 2010, 10, 641.	2.6	85
15	miR-21 ablation and obeticholic acid ameliorate nonalcoholic steatohepatitis in mice. Cell Death and Disease, 2017, 8, e2748-e2748.	6.3	78
16	Loss of Notch signalling induced by Dll4 causes arterial calibre reduction by increasing endothelial cell response to angiogenic stimuli. BMC Developmental Biology, 2008, 8, 117.	2.1	65
17	Notch1 Is Pan-Endothelial at the Onset of Flow and Regulated by Flow. PLoS ONE, 2015, 10, e0122622.	2.5	65
18	Dll4-Notch signaling determines the formation of native arterial collateral networks and arterial function in mouse ischemia models. Development (Cambridge), 2013, 140, 1720-1729.	2.5	60

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19	Endothelial Jagged1 promotes solid tumor growth through both pro-angiogenic and angiocrine functions. Oncotarget, 2015, 6, 24404-24423.	1.8	54
20	mDll1 and mDll3 expression in the developing mouse brain: Role in the establishment of the early cortex. Journal of Neuroscience Research, 2001, 64, 590-598.	2.9	48
21	Dynamics of Notch Pathway Expression during Mouse Testis Post-Natal Development and along the Spermatogenic Cycle. PLoS ONE, 2013, 8, e72767.	2.5	47
22	Low-Dosage Inhibition of Dll4 Signaling Promotes Wound Healing by Inducing Functional Neo-Angiogenesis. PLoS ONE, 2012, 7, e29863.	2.5	35
23	In Vivo Notch Signaling Blockade Induces Abnormal Spermatogenesis in the Mouse. PLoS ONE, 2014, 9, e113365.	2.5	34
24	Expression of hes6 , a new member of the Hairy/Enhancer-of-split family, in mouse development. Mechanisms of Development, 2000, 95, 275-278.	1.7	33
25	Notch signaling dynamics in the adult healthy prostate and in prostatic tumor development. Prostate, 2016, 76, 80-96.	2.3	26
26	Metastasis is impaired by endothelial-specific Dll4 loss-of-function through inhibition of epithelial-to-mesenchymal transition and reduction of cancer stem cells and circulating tumor cells. Clinical and Experimental Metastasis, 2019, 36, 365-380.	3.3	26
27	Delta-like 4 inhibits choroidal neovascularization despite opposing effects on vascular endothelium and macrophages. Angiogenesis, 2012, 15, 609-622.	7.2	24
28	Endothelial Dll4 overexpression reduces vascular response and inhibits tumor growth and metastasization in vivo. BMC Cancer, 2017, 17, 189.	2.6	23
29	Immune response profile elicited by the model antigen ovalbumin expressed in fusion with the bacterial OprI lipoprotein. Molecular Immunology, 2015, 64, 36-45.	2.2	22
30	Repression of promoters for the mouse insulin-like growth factor II-encoding gene (Igf-2) by products of the Wilms' tumour suppressor gene wt1. Gene, 1995, 167, 239-243.	2.2	21
31	Differential expression of Notch component and effector genes during ovarian follicle and corpus luteum development during the oestrous cycle. Reproduction, Fertility and Development, 2015, 27, 1038.	0.4	20
32	Inhibition of Notch signaling by Dll4-Fc promotes reperfusion of acutely ischemic tissues. Biochemical and Biophysical Research Communications, 2012, 418, 173-179.	2.1	19
33	Notch signaling in the epididymal epithelium regulates sperm motility and is transferred at a distance within epididymosomes. Andrology, 2016, 4, 314-327.	3.5	18
34	Incomplete Dll4/Notch signaling inhibition promotes functional angiogenesis supporting the growth of skin papillomas. BMC Cancer, 2015, 15, 608.	2.6	17
35	Wilms' tumour-suppressor protein isoforms have opposite effects on Igf2 expression in primary embryonic cells, independently of p53 genotype. British Journal of Cancer, 1998, 77, 253-259.	6.4	15
36	Delta-like ligand-4 mediated Notch signaling controls proliferation of second heart field progenitor cells by regulating Fgf8 expression. Development (Cambridge), 2020, 147, .	2.5	14

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37	Bone Marrow-Derived Endothelial Progenitors Expressing Delta-Like 4 (Dll4) Regulate Tumor Angiogenesis. PLoS ONE, 2011, 6, e18323.	2.5	14
38	Nephropathy and defective spermatogenesis in mice transgenic for a single isoform of the Wilms' tumour suppressor protein, WT1â^'KTS, together with one disruptedWt1 Allele. Molecular Reproduction and Development, 2007, 74, 300-311.	2.0	13
39	Notch Signaling Function in the Angiocrine Regulation of Tumor Development. Cells, 2020, 9, 2467.	4.1	13
40	The Notch Ligand Delta-Like 4 Regulates Multiple Stages of Early Hemato-Vascular Development. PLoS ONE, 2012, 7, e34553.	2.5	11
41	Delta-like 4/Notch signaling promotes Apc Min/+ tumor initiation through angiogenic and non-angiogenic related mechanisms. BMC Cancer, 2017, 17, 50.	2.6	10
42	Context- and Cell-Dependent Effects of Delta-Like 4 Targeting in the Bone Marrow Microenvironment. PLoS ONE, 2012, 7, e52450.	2.5	7
43	Negative Regulators of Vessel Patterning. Novartis Foundation Symposium, 2007, 283, 77-86.	1.1	5
44	Methods to Study Angiogenesis in a Mouse Model of Prostate Cancer. Methods in Molecular Biology, 2018, 1786, 29-54.	0.9	0
45	Delta-like 4 is the essential, nonredundant ligand for Notch1 during thymic T cell lineage commitment. Journal of Cell Biology, 2008, 183, i3-i3.	5.2	0