

Catarina M Freitas

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,576
citations

516215

16
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

5598
citing authors

#	ARTICLE	IF	CITATIONS
1	Blocking VEGFR-3 suppresses angiogenic sprouting and vascular network formation. <i>Nature</i> , 2008, 454, 656-660.	13.7	731
2	The Notch ligand Delta-like 4 negatively regulates endothelial tip cell formation and vessel branching. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3225-3230.	3.3	703
3	The impact of microglial activation on blood-brain barrier in brain diseases. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 362.	1.8	408
4	Thalidomide stimulates vessel maturation and reduces epistaxis in individuals with hereditary hemorrhagic telangiectasia. <i>Nature Medicine</i> , 2010, 16, 420-428.	15.2	312
5	Guidance of Vascular Development. <i>Circulation Research</i> , 2009, 104, 428-441.	2.0	236
6	Activation of the UNC5B receptor by Netrin-1 inhibits sprouting angiogenesis. <i>Genes and Development</i> , 2007, 21, 2433-2447.	2.7	195
7	Robo4 Maintains Vessel Integrity and Inhibits Angiogenesis by Interacting with UNC5B. <i>Developmental Cell</i> , 2011, 20, 33-46.	3.1	183
8	<i>In Vivo</i> Imaging of Cerebral Microvascular Plasticity from Birth to Death. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 146-156.	2.4	158
9	Effects of ammonia and lactate on growth, metabolism, and productivity of BHK cells. <i>Enzyme and Microbial Technology</i> , 2000, 27, 43-52.	1.6	136
10	Role of lysophosphatidic acid and its receptors in health and disease: novel therapeutic strategies. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 45.	7.1	124
11	Perturbed neural activity disrupts cerebral angiogenesis during a postnatal critical period. <i>Nature</i> , 2014, 505, 407-411.	13.7	103
12	Glioblastoma Therapy in the Age of Molecular Medicine. <i>Trends in Cancer</i> , 2019, 5, 46-65.	3.8	68
13	Netrin-1 inhibits sprouting angiogenesis in developing avian embryos. <i>Developmental Biology</i> , 2008, 318, 172-183.	0.9	62
14	Netrins and UNC5 receptors in angiogenesis. <i>Angiogenesis</i> , 2008, 11, 23-29.	3.7	52
15	Metabolic responses to different glucose and glutamine levels in baby hamster kidney cell culture. <i>Applied Microbiology and Biotechnology</i> , 1999, 51, 579-585.	1.7	46
16	Human mesenchymal stromal/stem cells recruit resident pericytes and induce blood vessels maturation to repair experimental spinal cord injury in rats. <i>Scientific Reports</i> , 2020, 10, 19604.	1.6	23
17	Running after the clock. <i>International Journal of Developmental Biology</i> , 2005, 49, 317-324.	0.3	16
18	Glioblastoma Factors Increase the Migration of Human Brain Endothelial Cells <i>In Vitro</i> by Increasing MMP-9/CXCR4 Levels. <i>Anticancer Research</i> , 2020, 40, 2725-2737.	0.5	10

#	ARTICLE	IF	CITATIONS
19	Negative Regulators of Vessel Patterning. Novartis Foundation Symposium, 2007, 283, 77-86.	1.2	5
20	Glioblastomas and the Special Role of Adhesion Molecules in Their Invasion. , 2014, , 293-315.		1