

Jean-LÃ©on Thomas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8807038/publications.pdf>

Version: 2024-02-01

26
papers

2,685
citations

394421

19
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

5262
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroinvasion of SARS-CoV-2 in human and mouse brain. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	677
2	VEGF-C-driven lymphatic drainage enables immunosurveillance of brain tumours. <i>Nature</i> , 2020, 577, 689-694.	27.8	321
3	Development and plasticity of meningeal lymphatic vessels. <i>Journal of Experimental Medicine</i> , 2017, 214, 3645-3667.	8.5	311
4	Robo4 Maintains Vessel Integrity and Inhibits Angiogenesis by Interacting with UNC5B. <i>Developmental Cell</i> , 2011, 20, 33-46.	7.0	183
5	Vascular remodeling is governed by a VEGFR3-dependent fluid shear stress set point. <i>ELife</i> , 2015, 4, .	6.0	177
6	Vascular endothelial growth factor receptor 3 directly regulates murine neurogenesis. <i>Genes and Development</i> , 2011, 25, 831-844.	5.9	145
7	Increased Nanoparticle Delivery to Brain Tumors by Autocatalytic Priming for Improved Treatment and Imaging. <i>ACS Nano</i> , 2016, 10, 4209-4218.	14.6	103
8	Whole-Genome and RNA Sequencing Reveal Variation and Transcriptomic Coordination in the Developing Human Prefrontal Cortex. <i>Cell Reports</i> , 2020, 31, 107489.	6.4	91
9	Vascular Endothelial Growth Factor Receptor 3 Controls Neural Stem Cell Activation in Mice and Humans. <i>Cell Reports</i> , 2015, 10, 1158-1172.	6.4	84
10	Anatomy and function of the vertebral column lymphatic network in mice. <i>Nature Communications</i> , 2019, 10, 4594.	12.8	80
11	Interactions between VEGFR and Notch signaling pathways in endothelial and neural cells. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1779-1792.	5.4	65
12	Targeting NCK-Mediated Endothelial Cell Front-Rear Polarity Inhibits Neovascularization. <i>Circulation</i> , 2016, 133, 409-421.	1.6	65
13	Endophilin-A2 dependent VEGFR2 endocytosis promotes sprouting angiogenesis. <i>Nature Communications</i> , 2019, 10, 2350.	12.8	60
14	Conserved meningeal lymphatic drainage circuits in mice and humans. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	54
15	Vascular Platform to Define Hematopoietic Stem Cell Factors and Enhance Regenerative Hematopoiesis. <i>Stem Cell Reports</i> , 2015, 5, 881-894.	4.8	43
16	Embryonic Stem Cells License a High Level of Dormant Origins to Protect the Genome against Replication Stress. <i>Stem Cell Reports</i> , 2015, 5, 185-194.	4.8	41
17	RNA Profiling of the Human and Mouse Spinal Cord Stem Cell Niches Reveals an Embryonic-like Regionalization with MSX1+ Roof-Plate-Derived Cells. <i>Stem Cell Reports</i> , 2019, 12, 1159-1177.	4.8	39
18	Modulation of Endothelial Bone Morphogenetic Protein Receptor Type 2 Activity by Vascular Endothelial Growth Factor Receptor 3 in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2017, 135, 2288-2298.	1.6	36

#	ARTICLE	IF	CITATIONS
19	Neural-Specific Deletion of Htra2 Causes Cerebellar Neurodegeneration and Defective Processing of Mitochondrial OPA1. PLoS ONE, 2014, 9, e115789.	2.5	21
20	Adult Human Hippocampus: No New Neurons in Sight. Cerebral Cortex, 2018, 28, 2479-2481.	2.9	19
21	The phenotypic and functional properties of mouse yolk-sac-derived embryonic macrophages. Developmental Biology, 2018, 442, 138-154.	2.0	18
22	The power of VEGF (vascular endothelial growth factor) family molecules. Cellular and Molecular Life Sciences, 2013, 70, 1673-1674.	5.4	10
23	Minimally Invasive Delivery of Microbeads with Encapsulated, Viable and Quiescent Neural Stem Cells to the Adult Subventricular Zone. Scientific Reports, 2019, 9, 17798.	3.3	9
24	Three-Dimensional Imaging of the Vertebral Lymphatic Vasculature and Drainage using iDISCO ⁺ and Light Sheet Fluorescence Microscopy. Journal of Visualized Experiments, 2020, , .	0.3	5
25	To BBB or Not to BBB?. Developmental Cell, 2018, 47, 689-691.	7.0	2
26	Orchestrating cortical brain development. Science, 2018, 361, 754-755.	12.6	2