

Fabrizio Orsenigo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1981416/publications.pdf>

Version: 2024-02-01

38
papers

6,746
citations

126858

33
h-index

302012

39
g-index

41
all docs

41
docs citations

41
times ranked

9133
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of adherens junctions and VE-cadherin in the control of vascular permeability. <i>Journal of Cell Science</i> , 2008, 121, 2115-2122.	1.2	808
2	Endothelial adherens junctions control tight junctions by VE-cadherin-mediated upregulation of claudin-5. <i>Nature Cell Biology</i> , 2008, 10, 923-934.	4.6	538
3	Sox18 induces development of the lymphatic vasculature in mice. <i>Nature</i> , 2008, 456, 643-647.	13.7	483
4	Vascular endothelial cadherin controls VEGFR-2 internalization and signaling from intracellular compartments. <i>Journal of Cell Biology</i> , 2006, 174, 593-604.	2.3	480
5	Interaction of Junctional Adhesion Molecule with the Tight Junction Components ZO-1, Cingulin, and Occludin. <i>Journal of Biological Chemistry</i> , 2000, 275, 20520-20526.	1.6	411
6	EndMT contributes to the onset and progression of cerebral cavernous malformations. <i>Nature</i> , 2013, 498, 492-496.	13.7	403
7	Phosphorylation of VE-cadherin is modulated by haemodynamic forces and contributes to the regulation of vascular permeability in vivo. <i>Nature Communications</i> , 2012, 3, 1208.	5.8	387
8	Contact inhibition of VEGF-induced proliferation requires vascular endothelial cadherin, β -catenin, and the phosphatase DEP-1/CD148. <i>Journal of Cell Biology</i> , 2003, 161, 793-804.	2.3	374
9	The Wnt/ β -Catenin Pathway Modulates Vascular Remodeling and Specification by Upregulating Dll4/Notch Signaling. <i>Developmental Cell</i> , 2010, 18, 938-949.	3.1	274
10	Sox17 is indispensable for acquisition and maintenance of arterial identity. <i>Nature Communications</i> , 2013, 4, 2609.	5.8	232
11	VE-Cadherin Regulates Endothelial Actin Activating Rac and Increasing Membrane Association of Tiam. <i>Molecular Biology of the Cell</i> , 2002, 13, 1175-1189.	0.9	226
12	A monoclonal antibody to vascular endothelial α -cadherin inhibits tumor angiogenesis without side effects on endothelial permeability. <i>Blood</i> , 2002, 100, 905-911.	0.6	188
13	Organization and signaling of endothelial cell-to-cell junctions in various regions of the blood and lymphatic vascular trees. <i>Cell and Tissue Research</i> , 2009, 335, 17-25.	1.5	181
14	CCM1 regulates vascular-lumen organization by inducing endothelial polarity. <i>Journal of Cell Science</i> , 2010, 123, 1073-1080.	1.2	157
15	Endothelial adherens junctions at a glance. <i>Journal of Cell Science</i> , 2013, 126, 2545-9.	1.2	152
16	Association of Junctional Adhesion Molecule with Calcium/calmodulin-dependent Serine Protein Kinase (CASK/LIN-2) in Human Epithelial Caco-2 Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 9291-9296.	1.6	116
17	Angiopoietin 2 regulates the transformation and integrity of lymphatic endothelial cell junctions. <i>Genes and Development</i> , 2014, 28, 1592-1603.	2.7	115
18	Stable Vascular Connections and Remodeling Require Full Expression of VE-Cadherin in Zebrafish Embryos. <i>PLoS ONE</i> , 2009, 4, e5772.	1.1	107

#	ARTICLE	IF	CITATIONS
19	Overlapping and divergent signaling pathways of N-cadherin and VE-cadherin in endothelial cells. <i>Blood</i> , 2012, 119, 2159-2170.	0.6	87
20	Endothelial cell clonal expansion in the development of cerebral cavernous malformations. <i>Nature Communications</i> , 2019, 10, 2761.	5.8	87
21	<i>Sox7</i> and <i>Sox17</i> are strain-specific modifiers of the lymphangiogenic defects caused by <i>Sox18</i> dysfunction in mice. <i>Development (Cambridge)</i> , 2009, 136, 2385-2391.	1.2	82
22	JAM-A promotes neutrophil chemotaxis by controlling integrin internalization and recycling. <i>Journal of Cell Science</i> , 2009, 122, 268-277.	1.2	81
23	The molecular basis of the blood brain barrier differentiation and maintenance. Is it still a mystery?. <i>Pharmacological Research</i> , 2011, 63, 165-171.	3.1	76
24	Accelerated endothelial wound healing on microstructured substrates under flow. <i>Biomaterials</i> , 2013, 34, 1488-1497.	5.7	71
25	Gas1 is induced by VE-cadherin and vascular endothelial growth factor and inhibits endothelial cell apoptosis. <i>Blood</i> , 2004, 103, 3005-3012.	0.6	66
26	Fine-Tuning of Sox17 and Canonical Wnt Coordinates the Permeability Properties of the Blood-Brain Barrier. <i>Circulation Research</i> , 2019, 124, 511-525.	2.0	64
27	Progesterone Receptor in the Vascular Endothelium Triggers Physiological Uterine Permeability Preimplantation. <i>Cell</i> , 2014, 156, 549-562.	13.5	62
28	Vascular Endothelial Growth Factor-Angiopoietin Chimera With Improved Properties for Therapeutic Angiogenesis. <i>Circulation</i> , 2013, 127, 424-434.	1.6	53
29	VE-Cadherin Phosphorylation Regulates Endothelial Fluid Shear Stress Responses through the Polarity Protein LGN. <i>Current Biology</i> , 2017, 27, 2219-2225.e5.	1.8	53
30	The alternative splicing factor Nova2 regulates vascular development and lumen formation. <i>Nature Communications</i> , 2015, 6, 8479.	5.8	50
31	Abrogation of Junctional Adhesion Molecule-A Expression Induces Cell Apoptosis and Reduces Breast Cancer Progression. <i>PLoS ONE</i> , 2011, 6, e21242.	1.1	49
32	Mapping endothelial-cell diversity in cerebral cavernous malformations at single-cell resolution. <i>ELife</i> , 2020, 9, .	2.8	42
33	Role of synectin in lymphatic development in zebrafish and frogs. <i>Blood</i> , 2010, 116, 3356-3366.	0.6	36
34	Targeting endothelial junctional adhesion molecule-1 / EPAC / Rho axis as a novel strategy to increase stem cell engraftment in dystrophic muscles. <i>EMBO Molecular Medicine</i> , 2014, 6, 239-258.	3.3	35
35	The endothelial adaptor molecule TSA1 is required for VEGF-induced angiogenic sprouting through junctional c-Src activation. <i>Science Signaling</i> , 2016, 9, ra72.	1.6	35
36	Propranolol Reduces the Development of Lesions and Rescues Barrier Function in Cerebral Cavernous Malformations. <i>Stroke</i> , 2021, 52, 1418-1427.	1.0	27

#	ARTICLE	IF	CITATIONS
37	An EMMPRIN/ β 3-catenin/Nm23 complex drives ATP production and actomyosin contractility at endothelial junctions. <i>Journal of Cell Science</i> , 2014, 127, 3768-81.	1.2	22
38	Inflammation and neutrophil extracellular traps in cerebral cavernous malformation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 206.	2.4	12