

Fabrizio Orsenigo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

5,583
citations

30
h-index

41
g-index

41
ext. papers

6,229
ext. citations

11.8
avg, IF

5.15
L-index

#	Paper	IF	Citations
38	Inflammation and neutrophil extracellular traps in cerebral cavernous malformation.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 206	10.3	1
37	Propranolol Reduces the Development of Lesions and Rescues Barrier Function in Cerebral Cavernous Malformations: A Preclinical Study. <i>Stroke</i> , 2021 , 52, 1418-1427	6.7	9
36	Mapping endothelial-cell diversity in cerebral cavernous malformations at single-cell resolution. <i>ELife</i> , 2020 , 9,	8.9	13
35	Endothelial cell clonal expansion in the development of cerebral cavernous malformations. <i>Nature Communications</i> , 2019 , 10, 2761	17.4	48
34	Fine-Tuning of Sox17 and Canonical Wnt Coordinates the Permeability Properties of the Blood-Brain Barrier. <i>Circulation Research</i> , 2019 , 124, 511-525	15.7	28
33	VE-Cadherin Phosphorylation Regulates Endothelial Fluid Shear Stress Responses through the Polarity Protein LGN. <i>Current Biology</i> , 2017 , 27, 2219-2225.e5	6.3	28
32	The endothelial adaptor molecule TSAd is required for VEGF-induced angiogenic sprouting through junctional c-Src activation. <i>Science Signaling</i> , 2016 , 9, ra72	8.8	20
31	The alternative splicing factor Nova2 regulates vascular development and lumen formation. <i>Nature Communications</i> , 2015 , 6, 8479	17.4	37
30	Progesterone receptor in the vascular endothelium triggers physiological uterine permeability preimplantation. <i>Cell</i> , 2014 , 156, 549-62	56.2	49
29	An EMMPRIN-E-catenin-Nm23 complex drives ATP production and actomyosin contractility at endothelial junctions. <i>Journal of Cell Science</i> , 2014 , 127, 3768-81	5.3	20
28	Targeting endothelial junctional adhesion molecule-A/ EPAC/ Rap-1 axis as a novel strategy to increase stem cell engraftment in dystrophic muscles. <i>EMBO Molecular Medicine</i> , 2014 , 6, 239-58	12	30
27	Angiopoietin 2 regulates the transformation and integrity of lymphatic endothelial cell junctions. <i>Genes and Development</i> , 2014 , 28, 1592-603	12.6	74
26	Endothelial adherens junctions at a glance. <i>Journal of Cell Science</i> , 2013 , 126, 2545-9	5.3	131
25	Accelerated endothelial wound healing on microstructured substrates under flow. <i>Biomaterials</i> , 2013 , 34, 1488-97	15.6	61
24	Sox17 is indispensable for acquisition and maintenance of arterial identity. <i>Nature Communications</i> , 2013 , 4, 2609	17.4	163
23	EndMT contributes to the onset and progression of cerebral cavernous malformations. <i>Nature</i> , 2013 , 498, 492-6	50.4	325
22	Vascular endothelial growth factor-angiopoietin chimera with improved properties for therapeutic angiogenesis. <i>Circulation</i> , 2013 , 127, 424-34	16.7	47

21	Overlapping and divergent signaling pathways of N-cadherin and VE-cadherin in endothelial cells. <i>Blood</i> , 2012 , 119, 2159-70	2.2	78
20	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	17.4	299
19	The molecular basis of the blood brain barrier differentiation and maintenance. Is it still a mystery?. <i>Pharmacological Research</i> , 2011 , 63, 165-71	10.2	66
18	Abrogation of junctional adhesion molecule-A expression induces cell apoptosis and reduces breast cancer progression. <i>PLoS ONE</i> , 2011 , 6, e21242	3.7	41
17	CCM1 regulates vascular-lumen organization by inducing endothelial polarity. <i>Journal of Cell Science</i> , 2010 , 123, 1073-80	5.3	140
16	The Wnt/beta-catenin pathway modulates vascular remodeling and specification by upregulating Dll4/Notch signaling. <i>Developmental Cell</i> , 2010 , 18, 938-49	10.2	225
15	Role of synectin in lymphatic development in zebrafish and frogs. <i>Blood</i> , 2010 , 116, 3356-66	2.2	33
14	Stable vascular connections and remodeling require full expression of VE-cadherin in zebrafish embryos. <i>PLoS ONE</i> , 2009 , 4, e5772	3.7	93
13	Sox7 and Sox17 are strain-specific modifiers of the lymphangiogenic defects caused by Sox18 dysfunction in mice. <i>Development (Cambridge)</i> , 2009 , 136, 2385-91	6.6	69
12	JAM-A promotes neutrophil chemotaxis by controlling integrin internalization and recycling. <i>Journal of Cell Science</i> , 2009 , 122, 268-77	5.3	75
11	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	4.2	148
10	Sox18 induces development of the lymphatic vasculature in mice. <i>Nature</i> , 2008 , 456, 643-7	50.4	405
9	Endothelial adherens junctions control tight junctions by VE-cadherin-mediated upregulation of claudin-5. <i>Nature Cell Biology</i> , 2008 , 10, 923-34	23.4	459
8	The role of adherens junctions and VE-cadherin in the control of vascular permeability. <i>Journal of Cell Science</i> , 2008 , 121, 2115-22	5.3	704
7	Vascular endothelial cadherin controls VEGFR-2 internalization and signaling from intracellular compartments. <i>Journal of Cell Biology</i> , 2006 , 174, 593-604	7.3	428
6	Gas1 is induced by VE-cadherin and vascular endothelial growth factor and inhibits endothelial cell apoptosis. <i>Blood</i> , 2004 , 103, 3005-12	2.2	63
5	Contact inhibition of VEGF-induced proliferation requires vascular endothelial cadherin, beta-catenin, and the phosphatase DEP-1/CD148. <i>Journal of Cell Biology</i> , 2003 , 161, 793-804	7.3	340
4	VE-cadherin regulates endothelial actin activating Rac and increasing membrane association of Tiam. <i>Molecular Biology of the Cell</i> , 2002 , 13, 1175-89	3.5	215

3	A monoclonal antibody to vascular endothelial-cadherin inhibits tumor angiogenesis without side effects on endothelial permeability. <i>Blood</i> , 2002 , 100, 905-11	2.2	168
2	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, 9291-6	5.4	98
1	Interaction of junctional adhesion molecule with the tight junction components ZO-1, cingulin, and occludin. <i>Journal of Biological Chemistry</i> , 2000 , 275, 20520-6	5.4	332