

# Fabrizio Orsenigo

## List of Publications by Citations

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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	The role of adherens junctions and VE-cadherin in the control of vascular permeability. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 2115-22	5.3	704
37	Endothelial adherens junctions control tight junctions by VE-cadherin-mediated upregulation of claudin-5. <i>Nature Cell Biology</i> , <b>2008</b> , 10, 923-34	23.4	459
36	Vascular endothelial cadherin controls VEGFR-2 internalization and signaling from intracellular compartments. <i>Journal of Cell Biology</i> , <b>2006</b> , 174, 593-604	7.3	428
35	Sox18 induces development of the lymphatic vasculature in mice. <i>Nature</i> , <b>2008</b> , 456, 643-7	50.4	405
34	Contact inhibition of VEGF-induced proliferation requires vascular endothelial cadherin, beta-catenin, and the phosphatase DEP-1/CD148. <i>Journal of Cell Biology</i> , <b>2003</b> , 161, 793-804	7.3	340
33	Interaction of junctional adhesion molecule with the tight junction components ZO-1, cingulin, and occludin. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 20520-6	5.4	332
32	EndMT contributes to the onset and progression of cerebral cavernous malformations. <i>Nature</i> , <b>2013</b> , 498, 492-6	50.4	325
31	Phosphorylation of VE-cadherin is modulated by haemodynamic forces and contributes to the regulation of vascular permeability in vivo. <i>Nature Communications</i> , <b>2012</b> , 3, 1208	17.4	299
30	The Wnt/beta-catenin pathway modulates vascular remodeling and specification by upregulating Dll4/Notch signaling. <i>Developmental Cell</i> , <b>2010</b> , 18, 938-49	10.2	225
29	VE-cadherin regulates endothelial actin activating Rac and increasing membrane association of Tiam. <i>Molecular Biology of the Cell</i> , <b>2002</b> , 13, 1175-89	3.5	215
28	A monoclonal antibody to vascular endothelial-cadherin inhibits tumor angiogenesis without side effects on endothelial permeability. <i>Blood</i> , <b>2002</b> , 100, 905-11	2.2	168
27	Sox17 is indispensable for acquisition and maintenance of arterial identity. <i>Nature Communications</i> , <b>2013</b> , 4, 2609	17.4	163
26	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> , <b>2009</b> , 335, 17-25	4.2	148
25	CCM1 regulates vascular-lumen organization by inducing endothelial polarity. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 1073-80	5.3	140
24	Endothelial adherens junctions at a glance. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 2545-9	5.3	131
23	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> , <b>2001</b> , 276, 9291-6	5.4	98
22	Stable vascular connections and remodeling require full expression of VE-cadherin in zebrafish embryos. <i>PLoS ONE</i> , <b>2009</b> , 4, e5772	3.7	93

21	Overlapping and divergent signaling pathways of N-cadherin and VE-cadherin in endothelial cells. <i>Blood</i> , <b>2012</b> , 119, 2159-70	2.2	78
20	JAM-A promotes neutrophil chemotaxis by controlling integrin internalization and recycling. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 268-77	5.3	75
19	Angiopoietin 2 regulates the transformation and integrity of lymphatic endothelial cell junctions. <i>Genes and Development</i> , <b>2014</b> , 28, 1592-603	12.6	74
18	Sox7 and Sox17 are strain-specific modifiers of the lymphangiogenic defects caused by Sox18 dysfunction in mice. <i>Development (Cambridge)</i> , <b>2009</b> , 136, 2385-91	6.6	69
17	The molecular basis of the blood brain barrier differentiation and maintenance. Is it still a mystery?. <i>Pharmacological Research</i> , <b>2011</b> , 63, 165-71	10.2	66
16	Gas1 is induced by VE-cadherin and vascular endothelial growth factor and inhibits endothelial cell apoptosis. <i>Blood</i> , <b>2004</b> , 103, 3005-12	2.2	63
15	Accelerated endothelial wound healing on microstructured substrates under flow. <i>Biomaterials</i> , <b>2013</b> , 34, 1488-97	15.6	61
14	Progesterone receptor in the vascular endothelium triggers physiological uterine permeability preimplantation. <i>Cell</i> , <b>2014</b> , 156, 549-62	56.2	49
13	Endothelial cell clonal expansion in the development of cerebral cavernous malformations. <i>Nature Communications</i> , <b>2019</b> , 10, 2761	17.4	48
12	Vascular endothelial growth factor-angiopoietin chimera with improved properties for therapeutic angiogenesis. <i>Circulation</i> , <b>2013</b> , 127, 424-34	16.7	47
11	Abrogation of junctional adhesion molecule-A expression induces cell apoptosis and reduces breast cancer progression. <i>PLoS ONE</i> , <b>2011</b> , 6, e21242	3.7	41
10	The alternative splicing factor Nova2 regulates vascular development and lumen formation. <i>Nature Communications</i> , <b>2015</b> , 6, 8479	17.4	37
9	Role of synectin in lymphatic development in zebrafish and frogs. <i>Blood</i> , <b>2010</b> , 116, 3356-66	2.2	33
8	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> , <b>2014</b> , 6, 239-58	12	30
7	VE-Cadherin Phosphorylation Regulates Endothelial Fluid Shear Stress Responses through the Polarity Protein LGN. <i>Current Biology</i> , <b>2017</b> , 27, 2219-2225.e5	6.3	28
6	Fine-Tuning of Sox17 and Canonical Wnt Coordinates the Permeability Properties of the Blood-Brain Barrier. <i>Circulation Research</i> , <b>2019</b> , 124, 511-525	15.7	28
5	The endothelial adaptor molecule TSA1 is required for VEGF-induced angiogenic sprouting through junctional c-Src activation. <i>Science Signaling</i> , <b>2016</b> , 9, ra72	8.8	20
4	An EMMPRIN-E-catenin-Nm23 complex drives ATP production and actomyosin contractility at endothelial junctions. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 3768-81	5.3	20

3	Mapping endothelial-cell diversity in cerebral cavernous malformations at single-cell resolution. <i>ELife</i> , <b>2020</b> , 9,	8.9	13
2	Propranolol Reduces the Development of Lesions and Rescues Barrier Function in Cerebral Cavernous Malformations: A Preclinical Study. <i>Stroke</i> , <b>2021</b> , 52, 1418-1427	6.7	9
1	Inflammation and neutrophil extracellular traps in cerebral cavernous malformation.. <i>Cellular and Molecular Life Sciences</i> , <b>2022</b> , 79, 206	10.3	1