# Elisa Boscolo

## List of Publications by Year in descending order



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|---|---|---|---|
| 44 papers | 2,424 citations | 279798 23 h-index | 289244 40 g-index |
| 45 all docs | 45 docs citations | 45 times ranked | 2462 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Suppressed NFAT-dependent VEGFR1 expression and constitutive VEGFR2 signaling in infantile hemangioma. Nature Medicine, 2008, 14, 1236-1246. | 30.7 | 325 |
| 2 | Corticosteroid Suppression of VEGF-A in Infantile Hemangioma-Derived Stem Cells. New England Journal of Medicine, 2010, 362, 1005-1013. | 27.0 | 238 |
| 3 | Multipotential stem cells recapitulate human infantile hemangioma in immunodeficient mice. Journal of Clinical Investigation, 2008, 118, 2592-9. | 8.2 | 224 |
| 4 | Rapamycin improves TIE2-mutated venous malformation in murine model and human subjects. Journal of Clinical Investigation, 2015, 125, 3491-3504. | 8.2 | 167 |
| 5 | Vasculogenesis in infantile hemangioma. Angiogenesis, 2009, 12, 197-207. | 7.2 | 164 |
| 6 | Endothelial progenitor cells from infantile hemangioma and umbilical cord blood display unique cellular responses to endostatin. Blood, 2006, 108, 915-921. | 1.4 | 110 |
| 7 | AKT hyper-phosphorylation associated with PI3K mutations in lymphatic endothelial cells from a patient with lymphatic malformation. Angiogenesis, 2015, 18, 151-162. | 7.2 | 110 |
| 8 | Rapamycin Suppresses Self-Renewal and Vasculogenic Potential of Stem Cells Isolated from Infantile Hemangioma. Journal of Investigative Dermatology, 2011, 131, 2467-2476. | 0.7 | 89 |
| 9 | JAGGED1 Signaling Regulates Hemangioma Stem Cellâ€“toâ€“Pericyte/Vascular Smooth Muscle Cell Differentiation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2181-2192. | 2.4 | 76 |
| 10 | VEGFR-1 Mediates Endothelial Differentiation and Formation of Blood Vessels in a Murine Model of Infantile Hemangioma. American Journal of Pathology, 2011, 179, 2266-2277. | 3.8 | 72 |
| 11 | Targeting NF-Î²B in infantile hemangioma-derived stem cells reduces VEGF-A expression. Angiogenesis, 2010, 13, 327-335. | 7.2 | 63 |
| 12 | Endoglin regulates mural cell adhesion in the circulatory system. Cellular and Molecular Life Sciences, 2016, 73, 1715-1739. | 5.4 | 63 |
| 13 | SOCS3 is an endogenous inhibitor of pathologic angiogenesis. Blood, 2012, 120, 2925-2929. | 1.4 | 59 |
| 14 | IGF-2 and FLT-1/VEGF-R1 mRNA Levels Reveal Distinctions and Similarities Between Congenital and Common Infantile Hemangioma. Pediatric Research, 2008, 63, 263-267. | 2.3 | 56 |
| 15 | EGFL6 Regulates the Asymmetric Division, Maintenance, and Metastasis of ALDH+ Ovarian Cancer Cells. Cancer Research, 2016, 76, 6396-6409. | 0.9 | 55 |
| 16 | A switch in Notch gene expression parallels stem cell to endothelial transition in infantile hemangioma. Angiogenesis, 2010, 13, 15-23. | 7.2 | 52 |
| 17 | Propranolol targets the contractility of infantile haemangiomaâ€derived pericytes. British Journal of Dermatology, 2014, 171, 1129-1137. | 1.5 | 48 |
| 18 | Pericytes From Infantile Hemangioma Display Proangiogenic Properties and Dysregulated Angiopoietin-1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 501-509. | 2.4 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | In vitro culture of rat neuromicrovascular endothelial cells on polymeric scaffolds. Journal of Biomedical Materials Research Part B, 2004, 71A, 669-674. | 3.1 | 39 |
| 20 | Beta amyloid angiogenic activity in vitro and in vivo. International Journal of Molecular Medicine, 2007, 19, 581-7. | 4.0 | 36 |
| 21 | Constitutively active PIK3CA mutations are expressed by lymphatic and vascular endothelial cells in capillary lymphatic venous malformation. Angiogenesis, 2020, 23, 425-442. | 7.2 | 34 |
| 22 | Cooperation between human fibrocytes and endothelial colony-forming cells increases angiogenesis via the CXCR4 pathway. Thrombosis and Haemostasis, 2014, 112, 1002-1013. | 3.4 | 30 |
| 23 | A xenograft model for venous malformation. Angiogenesis, 2018, 21, 725-735. | 7.2 | 28 |
| 24 | Genomic Imprinting of IGF2 Is Maintained in Infantile Hemangioma despite its High Level of Expression. Molecular Medicine, 2004, 10, 117-123. | 4.4 | 25 |
| 25 | Expression of HES and HEY genes in infantile hemangiomas. Vascular Cell, 2011, 3, 19. | 0.2 | 22 |
| 26 | Ponatinib Combined With Rapamycin Causes Regression of Murine Venous Malformation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 496-512. | 2.4 | 22 |
| 27 | Combined mTOR and MEK inhibition is an effective therapy in a novel mouse model for angiosarcoma. Oncotarget, 2018, 9, 24750-24765. | 1.8 | 22 |
| 28 | Î±6-Integrin Is Required for the Adhesion and Vasculogenic Potential of Hemangioma Stem Cells. Stem Cells, 2014, 32, 684-693. | 3.2 | 21 |
| 29 | Î² amyloid angiogenic activity in vitro and in vivo. International Journal of Molecular Medicine, 2007, , . | 4.0 | 20 |
| 30 | Signaling pathways and inhibitors of cells from patients with kaposiform lymphangiomatosis. Pediatric Blood and Cancer, 2019, 66, e27790. | 1.5 | 18 |
| 31 | Kaposiform lymphangiomatosis treated with multimodal therapy improves coagulopathy and reduces blood angiopoietinâ€2 levels. Pediatric Blood and Cancer, 2020, 67, e28529. | 1.5 | 17 |
| 32 | Endothelial cells from human cerebral aneurysm and arteriovenous malformation release ET-1 in response to vessel rupture. International Journal of Molecular Medicine, 2006, 18, 813-9. | 4.0 | 16 |
| 33 | Constitutive Active Mutant TIE2 Induces Enlarged Vascular Lumen Formation with Loss of Apico-basal Polarity and Pericyte Recruitment. Scientific Reports, 2019, 9, 12352. | 3.3 | 15 |
| 34 | RUNX represses Pmp22 to drive neurofibromagenesis. Science Advances, 2019, 5, eaau8389. | 10.3 | 11 |
| 35 | NRASQ61R mutation in human endothelial cells causes vascular malformations. Angiogenesis, 2022, 25, 331-342. | 7.2 | 8 |
| 36 | Cellular and molecular mechanisms of PIK3CA-related vascular anomalies. Vascular Biology (Bristol,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 3.2 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | A transcription factor is the target of propranolol treatment in infantile hemangioma. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 6 |
| 38 | Endothelial cells from human cerebral aneurysm and arteriovenous malformation release ET-1 in response to vessel rupture. International Journal of Molecular Medicine, 2006, 18, 813. | 4.0 | 5 |
| 39 | A Xenograft Model for Venous Malformation. Methods in Molecular Biology, 2021, 2206, 179-192. | 0.9 | 5 |
| 40 | A Patient-Derived Xenograft Model for Venous Malformation. Journal of Visualized Experiments, 2020, , . | 0.3 | 3 |
| 41 | 11: HEMANGIOMA STEM CELLS CAN DIFFERENTIATE INTO PERICYTES IN VITRO AND IN VIVO. Plastic and Reconstructive Surgery, 2010, 125, 15. | 1.4 | 0 |
| 42 | 0260 : Endoglin in adhesion between endothelial and mural cells. Archives of Cardiovascular Diseases Supplements, 2015, 7, 147. | 0.0 | 0 |
| 43 | TARGETS OF PROPRANOLOL IN INFANTILE HEMANGIOMA. FASEB Journal, 2013, 27, lb477. | 0.5 | 0 |
| 44 | Capillary Lymphatic Venous Malformations are caused by Endothelialâ€Specific Gainâ€ofâ€Function Mutations in the PIK3CA Gene. FASEB Journal, 2019, 33, 527.3. | 0.5 | 0 |