# Jacques-Antoine Haefliger

List of Publications by Year
in descending order



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|---|---|---|---|
| 35 papers | 1,594 citations | 304368 22 h-index | 377514 34 g-index |
| 36 all docs | 36 docs citations | 36 times ranked | 2072 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Amino Acid Restriction Triggers Angiogenesis via GCN2/ATF4 Regulation of VEGF and H2S Production. Cell, 2018, 173, 117-129.e14. | 13.5 | 229 |
| 2 | Contribution of connexins to the function of the vascular wall. Cardiovascular Research, 2004, 62, 345-356. | 1.8 | 217 |
| 3 | Connexins: Key Mediators of Endocrine Function. Physiological Reviews, 2011, 91, 1393-1445. | 13.1 | 145 |
| 4 | Connexin43-dependent mechanism modulates renin secretion and hypertension. Journal of Clinical Investigation, 2006, 116, 405-413. | 3.9 | 92 |
| 5 | Connexins 43 and 26 Are Differentially Increased after Rat Bladder Outlet Obstruction. Experimental Cell Research, 2002, 274, 216-225. | 1.2 | 84 |
| 6 | An angiotensin II- and NF-Î¹B-dependent mechanism increases connexin 43 in murine arteries targeted by renin-dependent hypertension. Cardiovascular Research, 2010, 87, 166-176. | 1.8 | 83 |
| 7 | Hypertension Increases Connexin43 in a Tissue-Specific Manner. Circulation, 1997, 95, 1007-1014. | 1.6 | 76 |
| 8 | Store-operated Ca2+ Entry Mediated by Orai1 and TRPC1 Participates to Insulin Secretion in Rat Î²-Cells. Journal of Biological Chemistry, 2015, 290, 30530-30539. | 1.6 | 71 |
| 9 | Loss of connexin40 is associated with decreased endothelium-dependent relaxations and eNOS levels in the mouse aorta. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H1365-H1373. | 1.5 | 68 |
| 10 | The use of external mesh reinforcement to reduce intimal hyperplasia and preserve the structure of human saphenous veins. Biomaterials, 2014, 35, 2588-2599. | 5.7 | 41 |
| 11 | Targeting endothelial connexin40 inhibits tumor growth by reducing angiogenesis and improving vessel perfusion. Oncotarget, 2016, 7, 14015-14028. | 0.8 | 40 |
| 12 | Connexin37 reduces smooth muscle cell proliferation and intimal hyperplasia in a mouse model of carotid artery ligation. Cardiovascular Research, 2017, 113, 805-816. | 1.8 | 34 |
| 13 | Impaired SMAD1/5 Mechanotransduction and Cx37 (Connexin37) Expression Enable Pathological Vessel Enlargement and Shunting. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e87-e104. | 1.1 | 33 |
| 14 | Connexin37 in normal and pathological development of mouse heart and great arteries. , 2000, 218, 331-344. | | 31 |
| 15 | Restoration of Connexin 40 (Cx40) in Renin-Producing Cells Reduces the Hypertension of Cx40 Null Mice. Hypertension, 2014, 63, 1198-1204. | 1.3 | 31 |
| 16 | Endothelial Connexin37 and Connexin40 participate in basal but not agonist-induced NO release. Cell Communication and Signaling, 2015, 13, 34. | 2.7 | 30 |
| 17 | Perivascular sustained release of atorvastatin from a hydrogel-microparticle delivery system decreases intimal hyperplasia. Journal of Controlled Release, 2016, 232, 93-102. | 4.8 | 29 |
| 18 | Targeting Cx40 (Connexin40) Expression or Function Reduces Angiogenesis in the Developing Mouse Retina. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2136-2146. | 1.1 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Connexins and M3 Muscarinic Receptors Contribute to Heterogeneous Ca2+Signaling in Mouse Aortic Endothelium. Cellular Physiology and Biochemistry, 2013, 31, 166-178. | 1.1 | 28 |
| 20 | Atorvastatin-Loaded Hydrogel Affects the Smooth Muscle Cells of Human Veins. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 574-581. | 1.3 | 26 |
| 21 | Perivascular medical devices and drug delivery systems: Making the right choices. Biomaterials, 2017, 128, 56-68. | 5.7 | 26 |
| 22 | Intravesical Ty21a Vaccine Promotes Dendritic Cells and T Cellâ€“Mediated Tumor Regression in the MB49 Bladder Cancer Model. Cancer Immunology Research, 2019, 7, 621-629. | 1.6 | 26 |
| 23 | Interplay Between Connexin40 and Nitric Oxide Signaling During Hypertension. Hypertension, 2015, 65, 910-915. | 1.3 | 24 |
| 24 | A Variant of GJD2, Encoding for Connexin 36, Alters the Function of Insulin Producing Î²-Cells. PLoS ONE, 2016, 11, e0150880. | 1.1 | 19 |
| 25 | Intravaginal and Subcutaneous Immunization Induced Vaccine Specific CD8 T Cells and Tumor Regression in the Bladder. Journal of Urology, 2014, 191, 814-822. | 0.2 | 14 |
| 26 | Evaluating intimal hyperplasia under clinical conditions. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 427-436. | 0.5 | 12 |
| 27 | Connexin43 Inhibition Prevents Human Vein Grafts Intimal Hyperplasia. PLoS ONE, 2015, 10, e0138847. | 1.1 | 11 |
| 28 | Connexin37â€Ðependent Mechanisms Selectively Contribute to Modulate Angiotensin Iiâ€Mediated Hypertension. Journal of the American Heart Association, 2019, 8, e010823. | 1.6 | 10 |
| 29 | Targeting connexin37 alters angiogenesis and arteriovenous differentiation in the developing mouse retina. FASEB Journal, 2020, 34, 8234-8249. | 0.2 | 10 |
| 30 | Connexins and pannexins: from biology towards clinical targets. Swiss Medical Weekly, 2016, 146, w14365. | 0.8 | 7 |
| 31 | Connexin26 is Regulated in Rat Urothelium by the Scaffold Protein IB1/JIP-1. Cell Communication and Adhesion, 2001, 8, 303-306. | 1.0 | 5 |
| 32 | Versican is differentially regulated in the adventitial and medial layers of human vein grafts. PLoS ONE, 2018, 13, e0204045. | 1.1 | 4 |
| 33 | Targeting Endothelial Connexin37 Reduces Angiogenesis and Decreases Tumor Growth. International Journal of Molecular Sciences, 2022, 23, 2930. | 1.8 | 4 |
| 34 | Procedure for Human Saphenous Veins Ex Vivo Perfusion and External Reinforcement. Journal of Visualized Experiments, 2014, , e52079. | 0.2 | 3 |
| 35 | Endothelial Connexins in Developmental and Pathological Angiogenesis. Cold Spring Harbor Perspectives in Medicine, 2022, , a041158. | 2.9 | 2 |