# Pierre Pacaud

List of Publications by Year
in descending order

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|---|---|---|---|
| 55<br>papers | 4,562<br>citations | 117625<br>34<br>h-index | 161849<br>54<br>g-index |
| 57<br>all docs | 57<br>docs citations | 57<br>times ranked | 4671<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sildenafil-Induced Revascularization of Rat Hindlimb Involves Arteriogenesis through PI3K/AKT and eNOS Activation. International Journal of Molecular Sciences, 2022, 23, 5542. | 4.1 | 3 |
| 2 | Moringa oleifera Seeds Improve Aging-Related Endothelial Dysfunction in Wistar Rats. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9. | 4.0 | 8 |
| 3 | Moringa oleiferaSeeds Attenuate Vascular Oxidative and Nitrosative Stresses in Spontaneously Hypertensive Rats. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10. | 4.0 | 32 |
| 4 | Cardiac Protective Effects ofMoringa oleiferaSeeds in Spontaneous Hypertensive Rats. American Journal of Hypertension, 2016, 29, 873-881. | 2.0 | 50 |
| 5 | Angiotensin II Activates the RhoA Exchange Factor Arhgef1 in Humans. Hypertension, 2015, 65, 1273-1278. | 2.7 | 26 |
| 6 | Involvement of Rho GTPases and their regulators in the pathogenesis of hypertension. Small GTPases, 2014, 5, e983866. | 1.6 | 48 |
| 7 | Small G Proteins in the Cardiovascular System: Physiological and Pathological Aspects. Physiological Reviews, 2013, 93, 1659-1720. | 28.8 | 104 |
| 8 | RhoA guanine exchange factor expression profile in arteries: evidence for a Rho kinase-dependent negative feedback in angiotensin II-dependent hypertension. American Journal of Physiology - Cell Physiology, 2012, 302, C1394-C1404. | 4.6 | 30 |
| 9 | AMPK Alpha 1-Induced RhoA Phosphorylation Mediates Vasoprotective Effect of Estradiol. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2634-2642. | 2.4 | 42 |
| 10 | The Rho exchange factor Arhgef1 mediates the effects of angiotensin II on vascular tone and blood pressure. Nature Medicine, 2010, 16, 183-190. | 30.7 | 234 |
| 11 | RhoA Phosphorylation Induces Rac1 Release from Guanine Dissociation Inhibitor Î± and Stimulation of Vascular Smooth Muscle Cell Migration. Molecular and Cellular Biology, 2010, 30, 4786-4796. | 2.3 | 35 |
| 12 | The role of Rho protein signaling in hypertension. Nature Reviews Cardiology, 2010, 7, 637-647. | 13.7 | 142 |
| 13 | The Rho protein exchange factor Vav3 regulates vascular smooth muscle cell proliferation and migration. Cardiovascular Research, 2010, 86, 131-140. | 3.8 | 39 |
| 14 | Drug-Eluting Stents in Bifurcations. Circulation: Cardiovascular Interventions, 2010, 3, 120-126. | 3.9 | 68 |
| 15 | RhoA and Rho Kinase Activation in Human Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 1151-1158. | 5.6 | 165 |
| 16 | Angiotensin II induces RhoA activation through SHP2-dependent dephosphorylation of the RhoGAP p190A in vascular smooth muscle cells. American Journal of Physiology - Cell Physiology, 2009, 297, C1062-C1070. | 4.6 | 49 |
| 17 | Structureâ€“activity relationships of urotensin II and URP. Peptides, 2008, 29, 658-673. | 2.4 | 56 |
| 18 | Urotensin II and atherosclerosis. Peptides, 2008, 29, 778-782. | 2.4 | 33 |

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|---|---|---|---|
| 19 | Rho exchange factors in the cardiovascular system. Current Opinion in Pharmacology, 2008, 8, 174-180. | 3.5 | 34 |
| 20 | Ste20-Related Kinase SLK Phosphorylates Ser188 of RhoA to Induce Vasodilation in Response to Angiotensin II Type 2 Receptor Activation. Circulation Research, 2008, 102, 1265-1274. | 4.5 | 79 |
| 21 | Urotensin II is a New Chemotactic Factor for UT Receptor-Expressing Monocytes. Journal of Immunology, 2007, 179, 901-909. | 0.8 | 70 |
| 22 | Identification of Differentially Expressed Genes in Human Varicose Veins: Involvement of Matrix Gla Protein in Extracellular Matrix Remodeling. Journal of Vascular Research, 2007, 44, 444-459. | 1.4 | 53 |
| 23 | Transglutaminase-dependent RhoA Activation and Depletion by Serotonin in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2007, 282, 2918-2928. | 3.4 | 106 |
| 24 | Direct stenting limits sirolimus-eluting stent edge neointimal thickening. Journal of Vascular Surgery, 2007, 46, 354-359. | 1.1 | 6 |
| 25 | Structureâ^'Activity Relationships of a Novel Series of Urotensin II Analogues:â€‰ Identification of a Urotensin II Antagonist. Journal of Medicinal Chemistry, 2006, 49, 7234-7238. | 6.4 | 30 |
| 26 | Regulation of Rho Proteins by Phosphorylation in the Cardiovascular System. Trends in Cardiovascular Medicine, 2006, 16, 199-204. | 4.9 | 64 |
| 27 | Hyaluronan induces vascular smooth muscle cell migration through RHAMM-mediated PI3K-dependent Rac activation. Cardiovascular Research, 2006, 72, 339-348. | 3.8 | 94 |
| 28 | Rho Kinases in Cardiovascular Physiology and Pathophysiology. Circulation Research, 2006, 98, 322-334. | 4.5 | 484 |
| 29 | Inhibition of RhoA/Rho kinase pathway is involved in the beneficial effect of sildenafil on pulmonary hypertension. British Journal of Pharmacology, 2005, 146, 1010-1018. | 5.4 | 130 |
| 30 | RhoA and resistance artery remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H1051-H1056. | 3.2 | 24 |
| 31 | Phosphorylation of Serine 188 Protects RhoA from Ubiquitin/Proteasome-Mediated Degradation in Vascular Smooth Muscle Cells. Circulation Research, 2005, 96, 1152-1160. | 4.5 | 133 |
| 32 | Stent Implantation Activates RhoA in Human Arteries: Inhibitory Effect of Rapamycin. Journal of Vascular Research, 2005, 42, 21-28. | 1.4 | 22 |
| 33 | Structureâ€“activity relationships and structural conformation of a novel urotensin II-related peptide. Peptides, 2004, 25, 1819-1830. | 2.4 | 95 |
| 34 | Rho kinase blockade prevents inflammation via nuclear factor Î²B inhibition: evidence in Crohnâ€™s disease and experimental colitis. Gastroenterology, 2003, 124, 1180-1187. | 1.3 | 179 |
| 35 | RhoA Expression Is Controlled by Nitric Oxide through cGMP-dependent Protein Kinase Activation. Journal of Biological Chemistry, 2003, 278, 9472-9480. | 3.4 | 159 |
| 36 | Sildenafil Prevents Change in RhoA Expression Induced by Chronic Hypoxia in Rat Pulmonary Artery. Circulation Research, 2003, 93, 630-637. | 4.5 | 63 |

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|---|---|---|---|
| 37 | Structureâ€“Activity Relationships of Human Urotensin II and Related Analogues on Rat Aortic Ring Contraction. Journal of Enzyme Inhibition and Medicinal Chemistry, 2003, 18, 77-88. | 5.2 | 76 |
| 38 | Role of Rho kinase signalling in healthy and varicose human saphenous veins. British Journal of Pharmacology, 2002, 137, 205-212. | 5.4 | 21 |
| 39 | Rho-kinase inhibitors prevent agonist-induced vasospasm in human internal mammary artery. British Journal of Pharmacology, 2001, 132, 302-308. | 5.4 | 55 |
| 40 | Extracellular Nucleotides Induce Arterial Smooth Muscle Cell Migration Via Osteopontin. Circulation Research, 2001, 89, 772-778. | 4.5 | 110 |
| 41 | Human Urotensin IIâ€“Induced Contraction and Arterial Smooth Muscle Cell Proliferation Are Mediated by RhoA and Rho-Kinase. Circulation Research, 2001, 88, 1102-1104. | 4.5 | 255 |
| 42 | P2Y1, P2Y2, P2Y4, and P2Y6 receptors are coupled to Rho and Rho kinase activation in vascular myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1751-H1761. | 3.2 | 99 |
| 43 | Cyclic GMP-dependent Protein Kinase Signaling Pathway Inhibits RhoA-induced Ca2+ Sensitization of Contraction in Vascular Smooth Muscle. Journal of Biological Chemistry, 2000, 275, 21722-21729. | 3.4 | 541 |
| 44 | The Rho-related protein Rnd1 inhibits Ca2+sensitization of rat smooth muscle. Journal of Physiology, 1999, 516, 825-834. | 2.9 | 60 |
| 45 | Dependence of P2-nucleotide receptor agonist-mediated endothelium-independent relaxation on ectonucleotidase activity and A2A -receptors in rat portal vein. British Journal of Pharmacology, 1998, 123, 1732-1740. | 5.4 | 18 |
| 46 | PPADS Inhibits P2Y1Purinoceptors in Rat Brain Capillary Endothelial Cells and in Rat Ileal Myocytes by an Indirect Mechanism. Biochemical and Biophysical Research Communications, 1998, 244, 332-335. | 2.1 | 17 |
| 47 | Antagonism of Î±1-adrenoceptor agonist-induced responses by rilmenidine in vascular smooth muscle. European Journal of Pharmacology, 1998, 341, 179-185. | 3.5 | 2 |
| 48 | P2X <sub>7</sub> Receptor Activationâ€“Induced Contraction and Lysis in Human Saphenous Vein Smooth Muscle. Circulation Research, 1998, 83, 196-203. | 4.5 | 66 |
| 49 | Rise in cytosolic Ca<sup>2+</sup> concentration induced by P<sub>2</sub>â€purinoceptor activation in isolated myocytes from the rat gastrointestinal tract. British Journal of Pharmacology, 1996, 117, 775-780. | 5.4 | 15 |
| 50 | Characterization of the P<sub>2Y</sub>â€purinoceptor involved in the ATPâ€induced rise in cytosolic Ca<sup>2+</sup> concentration in rat ileal myocytes. British Journal of Pharmacology, 1996, 118, 2213-2219. | 5.4 | 21 |
| 51 | The effect of PPADS as an antagonist of inositol (1,4,5)trisphosphate induced intracellular calcium mobilization. British Journal of Pharmacology, 1996, 119, 360-364. | 5.4 | 26 |
| 52 | Nucleotide receptor P2u partially mediates ATP-induced cell cycle progression of aortic smooth muscle cells. , 1996, 166, 57-65. | | 62 |
| 53 | Mechanism of the ATP-induced rise in cytosolic Ca2+ in freshly isolated smooth muscle cells from human saphenous vein. Pflugers Archiv European Journal of Physiology, 1995, 430, 429-436. | 2.8 | 23 |
| 54 | Release of Ca<sup>2+</sup> from intracellular store in smooth muscle cells of rat portal vein by ATPâ€induced Ca<sup>2+</sup> entry. British Journal of Pharmacology, 1994, 113, 457-462. | 5.4 | 23 |

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|---|---|---|---|
| 55 | Ca<sup>2+</sup> channel activation and membrane depolarization mediated by Cl<sup>â^'</sup> channels in response to noradrenaline in vascular myocytes. British Journal of Pharmacology, 1991, 104, 1000-1006. | 5.4 | 83 |