Alain-Pierre Gadeau

List of Publications by Year
in descending order

62	2,153	186265 28	233421 45
papers	citations	h-index	g-index
66	66	66	3337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluating the effects of sodium glucose co-transporter -2 inhibitors from a reninâ€"angiotensinâ€"aldosterone system perspective in patients infected with COVID-19: contextualizing findings from the dapagliflozin in respiratory failure in patients with COVID-19 study. Molecular Biology Reports, 2022, , 1.	2.3	3
2	Full-length Dhh and N-terminal Shh act as competitive antagonists to regulate angiogenesis and vascular permeability. Cardiovascular Research, 2021, 117, 2489-2501.	3.8	5
3	Mast Cells Are the Trigger of Small Vessel Disease and Diastolic Dysfunction in Diabetic Obese Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e193-e207.	2.4	11
4	Crosstalk between Sodiumâ€"Glucose Cotransporter Inhibitors and Sodiumâ€"Hydrogen Exchanger 1 and 3 in Cardiometabolic Diseases. International Journal of Molecular Sciences, 2021, 22, 12677.	4.1	6
5	Tamoxifen Accelerates Endothelial Healing by Targeting ERÎ± in Smooth Muscle Cells. Circulation Research, 2020, 127, 1473-1487.	4.5	16
6	Desert Hedgehog-Driven Endothelium Integrity Is Enhanced by Gas1 (Growth Arrest-Specific 1) but Negatively Regulated by Cdon (Cell Adhesion Molecule-Related/Downregulated by Oncogenes). Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e336-e349.	2.4	13
7	Wavelet Analysis of Microcirculatory Flowmotion Reveals Cardiovascular Regulatory Mechanismsâ€"Data from a Beta-Blocker. Applied Sciences (Switzerland), 2020, 10, 4000.	2.5	0
8	Bloodâ€"brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. PLoS Biology, 2020, 18, e3000946.	5.6	24
9	Bloodâ€"brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
10	Bloodâ€"brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
11	Bloodâ€"brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
12	Bloodâ€"brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
13	Bloodâ€"brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
14	Bloodâ€"brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
15	Characterizing Vascular Dysfunction in Genetically Modified Mice through the Hyperoxia Model. International Journal of Molecular Sciences, 2019, 20, 2178.	4.1	2
16	Osteopontin: A Promising Therapeutic Target in Cardiac Fibrosis. Cells, 2019, 8, 1558.	4.1	39
17	Endogenous Sonic Hedgehog limits inflammation and angiogenesis in the ischaemic skeletal muscle of mice. Cardiovascular Research, 2018, 114, 759-770.	3.8	22
18	Restoring Endothelial Function by Targeting Desert Hedgehog Downstream of Klf2 Improves Critical Limb Ischemia in Adults. Circulation Research, 2018, 123, 1053-1065.	4.5	41

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19	Observations on the perfusion recovery of regenerative angiogenesis in an ischemic limb model under hyperoxia. Physiological Reports, 2018, 6, e13736.	1.7	13
20	Na⁺/H⁺ exchanger isoform 1-induced osteopontin expression facilitates cardiac hypertrophy through p90 ribosomal S6 kinase. Physiological Genomics, 2018, 50, 332-342.	2.3	9
21	Testosterone Prevents Cutaneous Ischemia and Necrosis in Males Through Complementary Estrogenic and Androgenic Actions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 909-919.	2.4	14
22	Intra-articular Injection of Mesenchymal Stem Cells and Platelet-Rich Plasma to Treat Patellofemoral Osteoarthritis: Preliminary Results of a Long-Term Pilot Study. Journal of Vascular and Interventional Radiology, 2017, 28, 1708-1713.	0.5	41
23	A new reliable, transposable and cost-effective assay for absolute quantification of total plasmatic bevacizumab by LCâ€“MS/MS in human plasma comparing two internal standard calibration approaches. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1070, 43-53.	2.3	19
24	Impaired Hedgehog signalling-induced endothelial dysfunction is sufficient to induce neuropathy: implication in diabetes. Cardiovascular Research, 2016, 109, 217-227.	3.8	51
25	Na+/H+ exchanger isoform 1 induced osteopontin expression in cardiomyocytes involves NFAT3/Gata4. Molecular and Cellular Biochemistry, 2015, 404, 211-220.	3.1	7
26	Na+/H+ Exchanger Isoform 1-Induced Osteopontin Expression Facilitates Cardiomyocyte Hypertrophy. PLoS ONE, 2015, 10, e0123318.	2.5	10
27	Targeting PI3KÎ³ activity decreases vascular trauma-induced intimal hyperplasia through modulation of the Th1 response. Journal of Experimental Medicine, 2014, 211, 1779-1792.	8.5	28
28	Osteopontin stimulates apoptosis in adult cardiac myocytes via the involvement of CD44 receptors, mitochondrial death pathway, and endoplasmic reticulum stress. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H1182-H1191.	3.2	38
29	Sonic hedgehog mediates a novel pathway of PDGF-BBâ€“dependent vessel maturation. Blood, 2014, 123, 2429-2437.	1.4	61
30	Hedgehog-Dependent Regulation of Angiogenesis and Myogenesis Is Impaired in Aged Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2858-2866.	2.4	33
31	Gli3 Regulation of Myogenesis Is Necessary for Ischemia-Induced Angiogenesis. Circulation Research, 2013, 113, 1148-1158.	4.5	30
32	Desert Hedgehog Promotes Ischemia-Induced Angiogenesis by Ensuring Peripheral Nerve Survival. Circulation Research, 2013, 112, 762-770.	4.5	45
33	Ca²⁺-Activated K⁺ Channelâ€“3.1 Blocker TRAM-34 Attenuates Airway Remodeling and Eosinophilia in a Murine Asthma Model. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 212-219.	2.9	30
34	Biopterin Metabolism and eNOS Expression during Hypoxic Pulmonary Hypertension in Mice. PLoS ONE, 2013, 8, e82594.	2.5	19
35	Estrogen-Related Receptor-Î³. Circulation Research, 2012, 110, 1042-1044.	4.5	1
36	Activation function 2 (AF2) of estrogen receptor-Î± is required for the atheroprotective action of estradiol but not to accelerate endothelial healing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13311-13316.	7.1	110

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37	Osteopontin Expression in Cardiomyocytes Induces Dilated Cardiomyopathy. Circulation: Heart Failure, 2010, 3, 431-439.	3.9	46
38	Bone sialoprotein, but not osteopontin, deficiency impairs the mineralization of regenerating bone during cortical defect healing. Bone, 2010, 46, 447-452.	2.9	53
39	Chemoattractive Activity of Sonic Hedgehog in the Adult Subventricular Zone Modulates the Number of Neural Precursors Reaching the Olfactory Bulb. Stem Cells, 2008, 26, 2311-2320.	3.2	106
40	The Estrogen Effects on Endothelial Repair and Mitogen-Activated Protein Kinase Activation Are Abolished in Endothelial Nitric-Oxide (NO) Synthase Knockout Mice, but Not by NO Synthase Inhibition by N-Nitro-l-arginine Methyl Ester. American Journal of Pathology, 2008, 172, 830-838.	3.8	24
41	Estradiol accelerates endothelial healing through the retrograde commitment of uninjured endothelium. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2822-H2830.	3.2	35
42	Estrogen-Stimulated Endothelial Repair Requires Osteopontin. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2131-2136.	2.4	19
43	Â-adrenergic relaxation in pulmonary arteries: preservation of the endothelial nitric oxide-dependent Â2 component in pulmonary hypertension. Cardiovascular Research, 2007, 77, 202-210.	3.8	48
44	Autocrine expression of osteopontin contributes to PDGF-mediated arterial smooth muscle cell migration. Cardiovascular Research, 2007, 75, 738-747.	3.8	40
45	CREB Mediates UTP-Directed Arterial Smooth Muscle Cell Migration and Expression of the Chemotactic Protein Osteopontin via Its Interaction with Activator Protein-1 Sites. Circulation Research, 2007, 100, 1292-1299.	4.5	30
46	Osteopontin expression in normal and fibrotic liver. Altered liver healing in osteopontin-deficient mice. Journal of Hepatology, 2006, 44, 383-390.	3.7	79
47	Understanding the oestrogen action in experimental and clinical atherosclerosis. Fundamental and Clinical Pharmacology, 2006, 20, 539-548.	1.9	25
48	UTP Induces Osteopontin Expression through a Coordinate Action of NFÎºB, Activator Protein-1, and Upstream Stimulatory Factor in Arterial Smooth Muscle Cells. Journal of Biological Chemistry, 2005, 280, 2708-2713.	3.4	39
49	AP-1 Is Involved in UTP-Induced Osteopontin Expression in Arterial Smooth Muscle Cells. Circulation Research, 2003, 93, 674-681.	4.5	36
50	Nucleotide Receptors Involved in UTP-Induced Rat Arterial Smooth Muscle Cell Migration. Circulation Research, 2002, 90, 678-681.	4.5	59
51	Extracellular Nucleotides Induce Arterial Smooth Muscle Cell Migration Via Osteopontin. Circulation Research, 2001, 89, 772-778.	4.5	110
52	Time Course of Osteopontin, Osteocalcin, and Osteonectin Accumulation and Calcification After Acute Vessel Wall Injury. Journal of Histochemistry and Cytochemistry, 2001, 49, 79-86.	2.5	74
53	Extracellular Adenosine Induces Apoptosis of Human Arterial Smooth Muscle Cells via A_{2b}-Purinoceptor. Circulation Research, 2000, 86, 76-85.	4.5	90
54	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

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55	Overexpression of the P2Y 2 Purinoceptor in Intimal Lesions of the Rat Aorta. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 3602-3610.	2.4	64
56	Nucleotide receptor P2u partially mediates ATP-induced cell cycle progression of aortic smooth muscle cells. , 1996, 166, 57-65.		62
57	Osteopontin overexpression is associated with arterial smooth muscle cell proliferation in vitro.. Arteriosclerosis and Thrombosis: A Journal of Vascular Biology, 1993, 13, 120-125.	3.9	131
58	Effects of angiotensins on cellular hypertrophy and c-fos expression in cultured arterial smooth muscle cells. FEBS Journal, 1992, 206, 367-372.	0.2	18
59	Cell cycle dependent gene expression in quiescent stimulated and asynchronously cycling arterial smooth muscle cells in culture. Journal of Cellular Physiology, 1992, 150, 493-500.	4.1	29
60	Influence of 8-(N,N-Diethylamino)octyl-3,4,5-trimethoxybenzoate (TMB-8) on cell cycle progression and proliferation of cultured arterial smooth muscle cells. Biochemical Pharmacology, 1991, 41, 1045-1054.	4.4	18
61	Induction of cell cycle-dependent genes during cell cycle progression of arterial smooth muscle cells in culture. Journal of Cellular Physiology, 1991, 146, 356-361.	4.1	42
62	Probable insensitivity of mollicutes to rifampin and characterization of spiroplasmal DNA-dependent RNA polymerase. Journal of Bacteriology, 1986, 166, 824-828.	2.2	32