

# Pierre Sicard

## List of Publications by Year in descending order

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68  
papers

2,043  
citations

186209

28  
h-index

265120

42  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary hypertension after pneumonectomy: a preclinical model in rats and human pulmonary endothelial cells. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 147-154.	0.6	3
2	Low-dose colchicine prevents sympathetic denervation after myocardial ischemia-reperfusion: a new potential protective mechanism. <i>Future Science OA</i> , 2021, 7, FSO656.	0.9	9
3	Nanomedicine in Oncocardiology: Contribution and Perspectives of Preclinical Studies. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 690533.	1.1	4
4	pH-sensitive doxorubicin-tocopherol succinate prodrug encapsulated in docosahexaenoic acid-based nanostructured lipid carriers: An effective strategy to improve pharmacokinetics and reduce toxic effects. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112373.	2.5	8
5	Mitochondrial 4-HNE derived from MAO-A promotes mitoCa <sup>2+</sup> overload in chronic postischemic cardiac remodeling. <i>Cell Death and Differentiation</i> , 2020, 27, 1907-1923.	5.0	51
6	Colchicine and myocardial infarction: A review. <i>Archives of Cardiovascular Diseases</i> , 2020, 113, 652-659.	0.7	21
7	Early cerebrovascular and long-term neurological modifications ensue following juvenile mild traumatic brain injury in male mice. <i>Neurobiology of Disease</i> , 2020, 141, 104952.	2.1	24
8	Mechanisms of artemether toxicity on single cardiomyocytes and protective effect of nanoencapsulation. <i>British Journal of Pharmacology</i> , 2020, 177, 4448-4463.	2.7	15
9	Experimental Myocardial Infarction Elicits Time-Dependent Patterns of Vascular Hypoxia in Peripheral Organs and in the Brain. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 615507.	1.1	13
10	Role of defective calcium regulation in cardiorespiratory dysfunction in Huntington's disease. <i>JCI Insight</i> , 2020, 5, .	2.3	28
11	Dietary Supplementation with Silicon-Enriched Spirulina Improves Arterial Remodeling and Function in Hypertensive Rats. <i>Nutrients</i> , 2019, 11, 2574.	1.7	10
12	Prolonged elevated levels of c-kit <sup>+</sup> progenitor cells after a myocardial infarction by beta 2 adrenergic receptor priming. <i>Journal of Cellular Physiology</i> , 2019, 234, 18283-18296.	2.0	4
13	Identification of a pharmacological inhibitor of Epac1 that protects the heart against acute and chronic models of cardiac stress. <i>Cardiovascular Research</i> , 2019, 115, 1766-1777.	1.8	25
14	Right coronary artery ligation in mice: a novel method to investigate right ventricular dysfunction and biventricular interaction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H684-H692.	1.5	9
15	Therapeutic Benefit and Gene Network Regulation by Combined Gene Transfer of Apelin, FGF2, and SERCA2a into Ischemic Heart. <i>Molecular Therapy</i> , 2018, 26, 902-916.	3.7	20
16	Targeting the NRG1/HER3 pathway in tumor cells and cancer-associated fibroblasts with an anti-neuregulin 1 antibody inhibits tumor growth in pre-clinical models of pancreatic cancer. <i>Cancer Letters</i> , 2018, 432, 227-236.	3.2	37
17	Deletion of Nkx2-5 in trabecular myocardium reveals the developmental origins of pathological heterogeneity associated with ventricular non-compaction cardiomyopathy. <i>PLoS Genetics</i> , 2018, 14, e1007502.	1.5	37
18	Multifunctional Mitochondrial Epac1 Controls Myocardial Cell Death. <i>Circulation Research</i> , 2017, 120, 645-657.	2.0	81

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19	Interest of colchicine in the treatment of acute myocardial infarct responsible for heart failure in a mouse model. <i>International Journal of Cardiology</i> , 2017, 240, 347-353.	0.8	46
20	Increased urinary lysophosphatidic acid in mouse with subtotal nephrectomy: potential involvement in chronic kidney disease. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 803-812.	1.3	18
21	Oxidative Stress by Monoamine Oxidase-A Impairs Transcription Factor EB Activation and Autophagosome Clearance, Leading to Cardiomyocyte Necrosis and Heart Failure. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 10-27.	2.5	76
22	Glutathione prevents preterm parturition and fetal death by targeting macrophage-induced reactive oxygen species production in the myometrium. <i>FASEB Journal</i> , 2015, 29, 2653-2666.	0.2	16
23	Cardiac myosin-binding protein C: a potential early biomarker of myocardial injury. <i>Basic Research in Cardiology</i> , 2015, 110, 23.	2.5	47
24	Gadd45 <i>β</i> regulates cardiomyocyte death and post-myocardial infarction left ventricular remodelling. <i>Cardiovascular Research</i> , 2015, 108, 254-267.	1.8	39
25	Co-expression of POU4F2/Brn-3b with p53 may be important for controlling expression of pro-apoptotic genes in cardiomyocytes following ischaemic/hypoxic insults. <i>Cell Death and Disease</i> , 2014, 5, e1503-e1503.	2.7	18
26	Mechanism and consequence of the autoactivation of p38 $\beta$ mitogen-activated protein kinase promoted by TAB1. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1182-1190.	3.6	95
27	Prognostic Utility of BCIS Myocardial Jeopardy Score for Classification of Coronary Disease Burden and Completeness of Revascularization. <i>American Journal of Cardiology</i> , 2013, 111, 172-177.	0.7	32
28	p53-PGC-1 $\beta$ Pathway Mediates Oxidative Mitochondrial Damage and Cardiomyocyte Necrosis Induced by Monoamine Oxidase-A Upregulation: Role in Chronic Left Ventricular Dysfunction in Mice. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 5-18.	2.5	117
29	Does left ventricular function continue to influence mortality following contemporary percutaneous coronary intervention?. <i>Coronary Artery Disease</i> , 2012, 23, 155-161.	0.3	22
30	Vascular BDNF expression and oxidative stress during aging and the development of chronic hypertension. <i>Fundamental and Clinical Pharmacology</i> , 2012, 26, 227-234.	1.0	23
31	Role of Endothelial AADC in Cardiac Synthesis of Serotonin and Nitrates Accumulation. <i>PLoS ONE</i> , 2012, 7, e34893.	1.1	17
32	249 Validation of assessment of circulate oxidative stress markers by the Free Oxygen Radicals Testing (FORT) assay among patients with an acute myocardial infarction. <i>Archives of Cardiovascular Diseases Supplements</i> , 2011, 3, 82.	0.0	0
33	Time course of asymmetric dimethylarginine (ADMA) and oxidative stress in fructose-hypertensive rats: A model related to metabolic syndrome. <i>Atherosclerosis</i> , 2011, 214, 310-315.	0.4	29
34	Circulating leukocyte telomere length and oxidative stress: A new target for statin therapy. <i>Atherosclerosis</i> , 2011, 219, 753-760.	0.4	52
35	Smoking and FOS expression from blood leukocyte transcripts in patients with coronary artery disease. <i>Atherosclerosis</i> , 2011, 219, 931-936.	0.4	10
36	Correlation between an angiographic and a cardiac magnetic resonance score of myocardial jeopardy using standard and high-resolution perfusion sequences. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	1.6	0

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37	Impact of obesity on the prognostic value of the N-terminal pro-B-type natriuretic peptide (NT-proBNP) in patients with acute myocardial infarction. <i>Heart</i> , 2011, 97, 551-556.	1.2	24
38	Serum brain-derived neurotrophic factor and platelet activation evaluated by soluble P-selectin and soluble CD40 ligand in patients with acute myocardial infarction. <i>Fundamental and Clinical Pharmacology</i> , 2010, 24, 525-530.	1.0	38
39	A Chemical Genetic Approach Reveals That p38 $\alpha$ MAPK Activation by Diphosphorylation Aggravates Myocardial Infarction and Is Prevented by the Direct Binding of SB203580. <i>Journal of Biological Chemistry</i> , 2010, 285, 2968-2975.	1.6	37
40	The activation of p38 $\alpha$ , and not p38 $\beta$ , mitogen-activated protein kinase is required for ischemic preconditioning. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 1324-1328.	0.9	29
41	Myocardial stress remodelling after regional infarction is independent of glycogen synthase kinase-3 inactivation. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 897-900.	0.9	13
42	The free oxygen radicals test (FORT) to assess circulating oxidative stress in patients with acute myocardial infarction. <i>Atherosclerosis</i> , 2010, 213, 616-621.	0.4	43
43	Identification of Cardiac Myosin-binding Protein C as a Candidate Biomarker of Myocardial Infarction by Proteomics Analysis. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2687-2699.	2.5	71
44	Antioxidant properties of alpha-lipoic acid: effects on red blood membrane permeability and adaptation of isolated rat heart to reversible ischemia. <i>Molecular and Cellular Biochemistry</i> , 2009, 320, 141-148.	1.4	30
45	Are Zucker obese rats a useful model for cardiovascular complications in metabolic syndrome? Physical, biochemical and oxidative stress considerations. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 59-67.	1.0	5
46	Pharmacological postconditioning effect of muramyl dipeptide is mediated through RIP2 and TAK1. <i>Cardiovascular Research</i> , 2009, 83, 277-284.	1.8	17
47	Prognostic value of N-terminal pro-brain natriuretic peptide in elderly people with acute myocardial infarction: prospective observational study. <i>BMJ: British Medical Journal</i> , 2009, 338, b1605-b1605.	2.4	43
48	Anti-hypertensive effects of Rosuvastatin are associated with decreased inflammation and oxidative stress markers in hypertensive rats. <i>Free Radical Research</i> , 2008, 42, 226-236.	1.5	42
49	Impact of Asymmetric Dimethylarginine on Mortality After Acute Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 954-960.	1.1	78
50	Relation Between Body Mass Index, Waist Circumference, and Death After Acute Myocardial Infarction. <i>Circulation</i> , 2008, 118, 482-490.	1.6	140
51	The Role of RIP2 in p38 MAPK Activation in the Stressed Heart. <i>Journal of Biological Chemistry</i> , 2008, 283, 11964-11971.	1.6	35
52	Beneficial Effects of Myocardial Postconditioning are Associated With Reduced Oxidative Stress in a Senescent Mouse Model. <i>Transplantation</i> , 2008, 85, 1802-1808.	0.5	22
53	A prospective analysis of the genotypic diversity and dynamics of the <i>Candida albicans</i> colonizing flora in neutropenic patients with de novo acute leukemia. <i>Haematologica</i> , 2008, 93, 581-587.	1.7	21
54	Increase in Levels of BDNF is Associated with Inflammation and Oxidative Stress during Cardiopulmonary Bypass. <i>International Journal of Biomedical Science</i> , 2008, 4, 204-11.	0.5	6

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55	Acute Administration of Epirubicin Induces Myocardial Depression in Isolated Rat Heart and Production of Radical Species Evaluated by Electron Spin Resonance Spectroscopy. <i>Journal of Cardiovascular Pharmacology</i> , 2007, 50, 647-653.	0.8	13
56	High levels of N-terminal pro B-type natriuretic peptide are associated with ST resolution failure after reperfusion for acute myocardial infarction. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2007, 100, 211-216.	0.2	7
57	After Four Hours of Cold Ischemia and Cardioplegic Protocol, the Heart Can Still Be Rescued With Postconditioning. <i>Transplantation</i> , 2007, 84, 1474-1482.	0.5	25
58	Predictors and prognosis for complex coronary lesions in patients with acute myocardial infarction. <i>American Heart Journal</i> , 2007, 154, 330-335.	1.2	19
59	High Serum Cholesteryl Ester Transfer Rates and Small High-Density Lipoproteins Are Associated With Young Age in Patients With Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2007, 50, 1948-1955.	1.2	56
60	Beneficial Effects of Statin Therapy on Survival in Hypertensive Patients With Acute Myocardial Infarction: Data From the RICO Survey. <i>American Journal of Hypertension</i> , 2007, 20, 1133-9.	1.0	6
61	Asymmetric dimethylarginine (ADMA) and hyperhomocysteinemia in patients with acute myocardial infarction. <i>Clinical Biochemistry</i> , 2007, 40, 66-72.	0.8	32
62	Influence of rosuvastatin on the NAD(P)H oxidase activity in the retina and electroretinographic response of spontaneously hypertensive rats. <i>British Journal of Pharmacology</i> , 2007, 151, 979-986.	2.7	34
63	A peroxynitrite decomposition catalyst: FeTPPS confers cardioprotection during reperfusion after cardioplegic arrest in a working isolated rat heart model. <i>Fundamental and Clinical Pharmacology</i> , 2007, 21, 173-180.	1.0	18
64	Dissociation between vascular oxidative stress and cardiovascular function in Wistar Kyoto and spontaneously hypertensive rats. <i>Vascular Pharmacology</i> , 2006, 45, 112-121.	1.0	12
65	Relation of Hyperglycemia to ST-Segment Resolution After Reperfusion for Acute Myocardial Infarction (from Observatoire des Infarctus de C�te-d'Or Survey [RICO]). <i>American Journal of Cardiology</i> , 2006, 98, 167-171.	0.7	16
66	Impact of chronic oral anticoagulation on management and outcomes of patients with acute myocardial infarction: data from the RICO survey. <i>Heart</i> , 2006, 92, 1077-1083.	1.2	20
67	A treatment with rosuvastatin induced a reduction of arterial pressure and a decrease of oxidative stress in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2005, 23, A5-A6.	0.3	0
68	The Activation Pattern of the Antioxidant Enzymes in the Right Ventricle of Rat in Response to Pressure Overload is of Heart Failure Type. <i>Heart Disease (Hagerstown, Md)</i> , 2003, 5, 308-312.	1.3	29