

# Christophe Baufreton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4395387/publications.pdf>

Version: 2024-02-01

60  
papers

1,578  
citations

304743

22  
h-index

302126

39  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2023  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heritability of aortic valve stenosis and bicuspid enrichment in families with aortic valve stenosis. <i>International Journal of Cardiology</i> , 2022, 359, 91-98.	1.7	2
2	Guidelines on enhanced recovery after cardiac surgery under cardiopulmonary bypass or off-pump. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2022, 41, 101059.	1.4	26
3	Preoperative endothelial dysfunction in cutaneous microcirculation is associated with postoperative organ injury after cardiac surgery using extracorporeal circulation: a prospective cohort study. <i>Annals of Intensive Care</i> , 2021, 11, 4.	4.6	9
4	Extracorporeal circulation during onâ€pump cardiac surgery: An evaluation of the energy equivalent pressure index based on waveforms decomposition in harmonics. <i>Artificial Organs</i> , 2021, 45, 861-865.	1.9	1
5	Aortic homograft for aortic valve replacement in patient with Alpha-Gal allergy. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, 69, 1499-1501.	0.9	1
6	STABILISE Technique via a Transapical Approach to Repair Residual Type A Aortic Dissection. <i>Aorta</i> , 2021, 9, 161-164.	0.5	1
7	Authorâ€™s reply (in reference to letter to editor proposed by Etem Caliskan, Catherine J. Pachuk, Louis P.) <i>TJ ETQq1 1 0.784314 rgBT</i>	1.1	1
8	Preservation of the Aortic Root During Type A Aortic Dissection Surgery: An Effective Strategy?. <i>Aorta</i> , 2021, 09, 067-075.	0.5	1
9	Cardiopulmonary bypass and internal thoracic artery: Can roller or centrifugal pumps change vascular reactivity of the graft? The IPITA study: A randomized controlled clinical trial. <i>PLoS ONE</i> , 2020, 15, e0235604.	2.5	1
10	Do storage solutions protect endothelial function of arterialized vein graft in an experimental rat model?. <i>Journal of Cardiothoracic Surgery</i> , 2020, 15, 34.	1.1	3
11	Genetic Association Analyses Highlight <i>IL6</i> , <i>ALPL</i> , and <i>NAV1</i> As 3 New Susceptibility Genes Underlying Calcific Aortic Valve Stenosis. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002617.	3.6	45
12	Successfully treated necrotizing fasciitis using extracorporeal life support combined with hemoadsorption device and continuous renal replacement therapy. <i>International Journal of Artificial Organs</i> , 2018, 41, 178-182.	1.4	5
13	Mitochondrial complex I defect resulting from exercise-induced lower limb ischemia in patients with peripheral arterial disease. <i>Journal of Applied Physiology</i> , 2018, 125, 938-946.	2.5	4
14	Reduction of vascular leakage by imatinib is associated with preserved microcirculatory perfusion and reduced renal injury markers in a rat model of cardiopulmonary bypass. <i>British Journal of Anaesthesia</i> , 2018, 120, 1165-1175.	3.4	27
15	Early postoperative undernutrition following aortic valve replacement surgery. <i>Clinical Nutrition ESPEN</i> , 2018, 26, 84-90.	1.2	3
16	Fatal postoperative systemic pulmonary hypertension in benfluorex-induced valvular heart disease surgery. <i>Medicine (United States)</i> , 2017, 96, e4985.	1.0	2
17	Influence of stentless versus stented valves on ventricular remodeling assessed at 6 months by magnetic resonance imaging and long-term follow-up. <i>Journal of Cardiology</i> , 2017, 69, 264-271.	1.9	6
18	Author's reply. <i>Journal of Cardiology</i> , 2016, 67, 393.	1.9	0

#	ARTICLE	IF	CITATIONS
19	Pigmentary retinopathy as first manifestation in two cases of Scheie syndrome. <i>Molecular Genetics and Metabolism</i> , 2016, 117, S116-S117.	1.1	0
20	Ex vivo simulation of cardiopulmonary bypass with human blood for hemocompatibility testing. <i>Perfusion (United Kingdom)</i> , 2016, 31, 376-383.	1.0	4
21	Complementary and Alternative Medicine in Cardiac Surgery: Prevalence and Modality of use. <i>Heart Lung and Circulation</i> , 2016, 25, 712-718.	0.4	3
22	Impaired microcirculatory perfusion in a rat model of cardiopulmonary bypass: the role of hemodilution. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H550-H558.	3.2	29
23	Remote ischemic preconditioning in aortic valve surgery: Results of a randomized controlled study. <i>Journal of Cardiology</i> , 2016, 67, 36-41.	1.9	37
24	OP-071 Mutations in ARHGAP24 Encoding Filgap as a Cause of Mitral Valve Prolapse. <i>American Journal of Cardiology</i> , 2015, 115, S31.	1.6	0
25	Safety and efficacy of biocompatible perfusion strategy in a contemporary series of patients undergoing coronary artery bypass grafting " a two-center study. <i>Journal of Cardiothoracic Surgery</i> , 2014, 9, 196.	1.1	9
26	Systemic microvascular shunting through hyperdynamic capillaries after acute physiological disturbances following cardiopulmonary bypass. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H967-H975.	3.2	46
27	An <i>ex vivo</i> evaluation of blood coagulation and thromboresistance of two extracorporeal circuit coatings with reduced and full heparin dose. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 18, 763-769.	1.1	16
28	Increasing mean arterial pressure during cardiac surgery does not reduce the rate of postoperative acute kidney injury. <i>Perfusion (United Kingdom)</i> , 2014, 29, 496-504.	1.0	70
29	Do patients with haematological malignancy who need cardiopulmonary bypass have a short-term higher mortality or a higher chance of disease progression?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 474-478.	1.1	11
30	First Report of Endocarditis Caused by a Pseudoclavibacter Species: FIG 1. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3465-3467.	3.9	4
31	Microcirculatory Perfusion Is Preserved During Off-Pump but Not On-Pump Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 336-341.	1.3	44
32	Aneurysms of the sinus of Valsalva revealed by an acute coronary syndrome. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 447-449.	3.2	0
33	Key Role of Estrogens and Endothelial Estrogen Receptor $\alpha_1$ in Blood Flow-Mediated Remodeling of Resistance Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 605-611.	2.4	48
34	In vitro protection of vascular function from oxidative stress and inflammation by pulsatility in resistance arteries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 1254-1262.	0.8	14
35	Increased cerebral blood flow velocities assessed by transcranial Doppler examination is associated with complement activation after cardiopulmonary bypass. <i>Perfusion (United Kingdom)</i> , 2011, 26, 91-98.	1.0	5
36	Psychosocial risk factors for chronic low back pain in primary care—a systematic review. <i>Family Practice</i> , 2011, 28, 12-21.	1.9	298

#	ARTICLE	IF	CITATIONS
37	Role of surgical factors in strokes after cardiac surgery. Archives of Cardiovascular Diseases, 2010, 103, 326-332.	1.6	8
38	Congenital aorto-right ventricular fistula in an adult. European Heart Journal, 2009, 30, 2116-2116.	2.2	8
39	Notch3 Is a Major Regulator of Vascular Tone in Cerebral and Tail Resistance Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2216-2224.	2.4	93
40	Alteration in flow (shear stress)-induced remodelling in rat resistance arteries with aging: improvement by a treatment with hydralazine. Cardiovascular Research, 2007, 77, 600-608.	3.8	53
41	Paradoxical Role of Angiotensin II Type 2 Receptors in Resistance Arteries of Old Rats. Hypertension, 2007, 50, 96-102.	2.7	49
42	PARADOXICAL ROLE OF ANGIOTENSIN II TYPE 2 RECEPTORS IN RESISTANCE ARTERIES OF OLD RATS. FASEB Journal, 2007, 21, A1252.	0.5	0
43	Role of the pulsatility in the microcirculation. FASEB Journal, 2007, 21, A495.	0.5	0
44	More Biocompatibility in Cardiopulmonary Bypass for High-Risk Patients. Annals of Thoracic Surgery, 2006, 81, 790-791.	1.3	2
45	Effects of Inhaled Nitric Oxide Administration on Early Postoperative Mortality in Patients Operated for Correction of Atrioventricular Canal Defects. Chest, 2005, 128, 3537-3544.	0.8	51
46	Brain Injury and Neuropsychological Outcome After Coronary Artery Surgery Are Affected by Complement Activation. Annals of Thoracic Surgery, 2005, 79, 1597-1605.	1.3	38
47	Transesophageal echocardiography-guided chordal replacement for tricuspid regurgitation. Annals of Thoracic Surgery, 2004, 77, 1811-1813.	1.3	1
48	Coagulation, fibrinolysis, and cell activation in patients and in shed mediastinal blood during coronary artery bypass grafting with a new heparin-coated surface. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 2116.	0.8	2
49	A combined approach for improving cardiopulmonary bypass in coronary artery surgery: a pilot study. Perfusion (United Kingdom), 2002, 17, 407-413.	1.0	20
50	Inflammatory response to cardiopulmonary bypass using roller or centrifugal pumps. Annals of Thoracic Surgery, 1999, 67, 972-977.	1.3	62
51	Pretreatment with a potassium-channel opener before prolonged cardiac storage: an evaluation in an experimental brain death model. Annals of Thoracic Surgery, 1999, 67, 1623-1629.	1.3	5
52	Preconditioning with cromakalim improves long-term myocardial preservation for heart transplantation. Annals of Thoracic Surgery, 1998, 66, 417-424.	1.3	18
53	Measures to control blood activation during assisted circulation. Annals of Thoracic Surgery, 1998, 66, 1837-1844.	1.3	16
54	Inflammatory response to cardiopulmonary bypass using two different types of heparin-coated extracorporeal circuits. Perfusion (United Kingdom), 1998, 13, 419-427.	1.0	24

#	ARTICLE	IF	CITATIONS
55	Heparin Coating With Aprotinin Reduces Blood Activation During Coronary Artery Operations. <i>Annals of Thoracic Surgery</i> , 1997, 63, 50-56.	1.3	40
56	Heparin coating of extracorporeal circuits inhibits contact activation during cardiac operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997, 114, 117-122.	0.8	93
57	Heparin-coated circuits and aprotinin prime for coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 1996, 61, 1363-1366.	1.3	43
58	Ten-year experience with surgical treatment of partial atrioventricular septal defect: Risk factors in the early postoperative period. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996, 112, 14-20.	0.8	42
59	Clinical outcome after coronary surgery with heparin-coated extracorporeal circuits for cardiopulmonary bypass. <i>Perfusion (United Kingdom)</i> , 1996, 11, 437-443.	1.0	16
60	Preservation of the aortic valve in acute aortic dissection: Long-term echocardiographic assessment and clinical outcome. <i>Annals of Thoracic Surgery</i> , 1993, 55, 1513-1517.	1.3	93