

Philippe Bonnin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8705330/publications.pdf>

Version: 2024-02-01

94
papers

4,455
citations

109321

35
h-index

110387

64
g-index

96
all docs

96
docs citations

96
times ranked

7489
citing authors

#	ARTICLE	IF	CITATIONS
1	Failing to palpate femoral pulses in adult hypertensive patients may lead to diagnostic wandering and major cerebrovascular events in cases of undetected aortic coarctation. <i>Journal of Human Hypertension</i> , 2022, , .	2.2	1
2	Increased anticoagulation reduces proximal deep vein thrombosis in mechanically ventilated COVID-19 patients. <i>Journal of Infection</i> , 2021, 82, 186-230.	3.3	8
3	Endothelial S1P ¹ Signaling Counteracts Infarct Expansion in Ischemic Stroke. <i>Circulation Research</i> , 2021, 128, 363-382.	4.5	71
4	Assessment of Tumor Response in Mice with Ovarian Peritoneal Carcinomatosis using Doppler Ultrasound of the Superior Mesenteric Artery and Celiac Trunk. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 759-768.	1.5	1
5	Cytotoxic CD8+ T cells promote granzyme B-dependent adverse post-ischemic cardiac remodeling. <i>Nature Communications</i> , 2021, 12, 1483.	12.8	73
6	Poly(ADP-Ribose) Polymerase Inhibitor PJ34 Reduces Brain Damage after Stroke in the Neonatal Mouse Brain. <i>Current Issues in Molecular Biology</i> , 2021, 43, 301-312.	2.4	5
7	Blood Flow and Shear Stress Allow Monitoring of Progression and Prognosis of Tumor Diseases. <i>Frontiers in Physiology</i> , 2021, 12, 693052.	2.8	5
8	Anaesthesia-Induced Transcriptomic Changes in the Context of Renal Ischemia Uncovered by the Use of a Novel Clamping Device. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9840.	4.1	3
9	von Willebrand factor/ADAMTS13 axis and venous thromboembolism in moderate-to-severe COVID-19 patients. <i>British Journal of Haematology</i> , 2021, 192, 1097-1100.	2.5	28
10	Correlation between Ultra-Wide-Field Retinal Imaging Findings and Vascular Supra-Aortic Changes in Takayasu Arteritis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4916.	2.4	5
11	Collateral Supply in Preclinical Cerebral Stroke Models. <i>Translational Stroke Research</i> , 2021, , 1.	4.2	11
12	Wall Shear Stress in the Feeding Native Conduit Arteries of Superficial Arteriovenous Malformations of the Lower Face is a Reliable Marker of Disease Progression. <i>Ultraschall in Der Medizin</i> , 2020, 41, 428-438.	1.5	3
13	Deletion of the myeloid endothelin-B receptor confers long-term protection from angiotensin II-mediated kidney, eye and vessel injury. <i>Kidney International</i> , 2020, 98, 1193-1209.	5.2	8
14	Cerebral Vasodilator Property of Poly(ADP-Ribose) Polymerase Inhibitor (PJ34) in the Neonatal and Adult Mouse Is Mediated by the Nitric Oxide Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6569.	4.1	4
15	Pathophysiological Processes Underlying the High Prevalence of Deep Vein Thrombosis in Critically Ill COVID-19 Patients. <i>Frontiers in Physiology</i> , 2020, 11, 608788.	2.8	24
16	Intravenous Administration of Human Adipose Derived-Mesenchymal Stem Cells Is Not Efficient in Diabetic or Hypertensive Mice Subjected to Focal Cerebral Ischemia. <i>Frontiers in Neuroscience</i> , 2019, 13, 718.	2.8	9
17	Early Collateral Recruitment After Stroke in Infants and Adults. <i>Stroke</i> , 2019, 50, 2604-2611.	2.0	26
18	Post-operative wall shear stress in the superior mesenteric artery: Biomarker of long term outcome in patients with residual disease after incomplete cytoreductive surgery for pseudomyxoma peritonei. <i>European Journal of Surgical Oncology</i> , 2019, 45, 1727-1733.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Iron Regulator Heparin Impairs Macrophage-Dependent Cardiac Repair After Injury. <i>Circulation</i> , 2019, 139, 1530-1547.	1.6	48
20	Synchronized Pulsatile Flow With Low Systolic Output From Venoarterial Extracorporeal Membrane Oxygenation Improves Myocardial Recovery After Experimental Cardiac Arrest in Pigs. <i>Artificial Organs</i> , 2018, 42, 597-604.	1.9	5
21	Peripheral post-ischemic vascular repair is impaired in a murine model of Alzheimer's disease. <i>Angiogenesis</i> , 2018, 21, 557-569.	7.2	5
22	Hepatectomy increases metastatic graft and growth in an immunocompetent murine model of peritoneal metastases. <i>European Journal of Surgical Oncology</i> , 2018, 44, 784-791.	1.0	6
23	Prostaglandin E1-Mediated Collateral Recruitment Is Delayed in a Neonatal Rat Stroke Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2995.	4.1	6
24	Different response to antiepileptic drugs according to the type of epileptic events in a neonatal ischemia-reperfusion model. <i>Neurobiology of Disease</i> , 2017, 99, 145-153.	4.4	8
25	Prediction of clinical outcome using blood flow volume in the superior mesenteric artery in patients with pseudomyxoma peritonei treated by cytoreductive surgery. <i>European Journal of Surgical Oncology</i> , 2017, 43, 1932-1938.	1.0	6
26	Extreme-Dipper Profile, Increased Aortic Stiffness, and Impaired Subendocardial Viability in Hypertension. <i>American Journal of Hypertension</i> , 2017, 30, 417-426.	2.0	16
27	Endothelial Epas1 Deficiency Is Sufficient To Promote Parietal Epithelial Cell Activation and FSGS in Experimental Hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3563-3578.	6.1	20
28	Inactivation of Nitric Oxide Synthase Exacerbates the Development of Alzheimer Disease Pathology in APPPS1 Mice (Amyloid Precursor Protein/Presenilin-1). <i>Hypertension</i> , 2017, 70, 613-623.	2.7	27
29	Controlled arterial reflow after ischemia induces better outcomes in the juvenile rat brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3091-3096.	4.3	3
30	Platelet and Erythrocyte Sources of S1P Are Redundant for Vascular Development and Homeostasis, but Both Rendered Essential After Plasma S1P Depletion in Anaphylactic Shock. <i>Circulation Research</i> , 2016, 119, e110-26.	4.5	61
31	Unusual late discovery of interrupted aortic arch by ultrasonography and three-dimensional MDCT. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 1197-1199.	3.2	4
32	Intrapulmonary artery balloon pulsation improves circulatory function after acute myocardial infarction in pigs. <i>Acute Cardiac Care</i> , 2016, 18, 42-44.	0.2	0
33	Effect of normovolemic hematocrit changes on blood pressure and flow. <i>Life Sciences</i> , 2016, 157, 62-66.	4.3	8
34	Sildenafil, a cyclic GMP phosphodiesterase inhibitor, induces microglial modulation after focal ischemia in the neonatal mouse brain. <i>Journal of Neuroinflammation</i> , 2016, 13, 95.	7.2	47
35	Mast cells regulate myofilament calcium sensitization and heart function after myocardial infarction. <i>Journal of Experimental Medicine</i> , 2016, 213, 1353-1374.	8.5	97
36	Preclinical Assessment of the Efficacy of Anti-Angiogenic Therapies in Hepatocellular Carcinoma. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 438-446.	1.5	6

#	ARTICLE	IF	CITATIONS
37	Low-pressure sequential compression of lower limbs enhances forearm skin blood flow. <i>Clinical and Investigative Medicine</i> , 2016, 39, 204.	0.6	2
38	OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY SHOWS DEEP CAPILLARY PLEXUS HYPOPERFUSION IN INCOMPLETE CENTRAL RETINAL ARTERY OCCLUSION. <i>Retinal Cases and Brief Reports</i> , 2015, 9, 333-338.	0.6	12
39	Ischemic postconditioning in cerebral ischemia: Differences between the immature and mature brain?. <i>International Journal of Developmental Neuroscience</i> , 2015, 45, 39-43.	1.6	6
40	Proof of prometastatic niche induction by hepatic stellate cells. <i>Journal of Surgical Research</i> , 2015, 194, 496-504.	1.6	40
41	Circulating cell membrane microparticles transfer heme to endothelial cells and trigger vasoocclusions in sickle cell disease. <i>Blood</i> , 2015, 125, 3805-3814.	1.4	217
42	TREM-1 Mediates Inflammatory Injury and Cardiac Remodeling Following Myocardial Infarction. <i>Circulation Research</i> , 2015, 116, 1772-1782.	4.5	102
43	Hypertension Accelerates the Progression of Alzheimer-Like Pathology in a Mouse Model of the Disease. <i>Hypertension</i> , 2015, 65, 218-224.	2.7	105
44	Diabetic Microangiopathy: Impact of Impaired Cerebral Vasoreactivity and Delayed Angiogenesis After Permanent Middle Cerebral Artery Occlusion on Stroke Damage and Cerebral Repair in Mice. <i>Diabetes</i> , 2015, 64, 999-1010.	0.6	56
45	Ultrasound assessment of ocular vascular effects of repeated intravitreal injections of ranibizumab for wet age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2014, 92, e382-7.	1.1	10
46	Lutheran/basal cell adhesion molecule accelerates progression of crescentic glomerulonephritis in mice. <i>Kidney International</i> , 2014, 85, 1123-1136.	5.2	11
47	Sildenafil Mediates Blood-Flow Redistribution and Neuroprotection After Neonatal Hypoxia-Ischemia. <i>Stroke</i> , 2014, 45, 850-856.	2.0	54
48	Inhaled NO prevents hyperoxia-induced white matter damage in neonatal rats. <i>Experimental Neurology</i> , 2014, 252, 114-123.	4.1	35
49	Orthotopic Animal Model of Pseudomyxoma Peritonei. <i>American Journal of Pathology</i> , 2014, 184, 1920-1929.	3.8	11
50	B lymphocytes trigger monocyte mobilization and impair heart function after acute myocardial infarction. <i>Nature Medicine</i> , 2013, 19, 1273-1280.	30.7	422
51	Anti-TNF α therapy early improves hemodynamics in local intestinal and extraintestinal circulations in active Crohn's disease. <i>Journal of Crohn's and Colitis</i> , 2013, 7, 451-459.	1.3	11
52	Nitric oxide signaling in the brain: A new target for inhaled nitric oxide?. <i>Annals of Neurology</i> , 2013, 73, 442-448.	5.3	41
53	Dynamic Spatio-Temporal Imaging of Early Reflow in a Neonatal Rat Stroke Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 137-145.	4.3	16
54	Renal arteriovenous fistula revealed by severe hypertension during pregnancy. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013200559-bcr2013200559.	0.5	4

#	ARTICLE	IF	CITATIONS
55	The Chemokine Decoy Receptor D6 Prevents Excessive Inflammation and Adverse Ventricular Remodeling After Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2206-2213.	2.4	78
56	Protection Against Myocardial Infarction and No-Reflow Through Preservation of Vascular Integrity by Angiotensin-Like 4. <i>Circulation</i> , 2012, 125, 140-149.	1.6	131
57	Inhaled Nitric Oxide Reduces Brain Damage by Collateral Recruitment in a Neonatal Stroke Model. <i>Stroke</i> , 2012, 43, 3078-3084.	2.0	67
58	Erythrocyte microparticles can induce kidney vaso-occlusions in a murine model of sickle cell disease. <i>Blood</i> , 2012, 120, 5050-5058.	1.4	101
59	Tumor and Non-Tumor Liver Angiogenesis Is Traced and Evaluated by Hepatic Arterial Ultrasound in Murine Models. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1195-1204.	1.5	9
60	Dual action of NO synthases on blood flow and infarct volume consecutive to neonatal focal cerebral ischemia. <i>Experimental Neurology</i> , 2012, 236, 50-57.	4.1	23
61	Ischemic Postconditioning Fails to Protect against Neonatal Cerebral Stroke. <i>PLoS ONE</i> , 2012, 7, e49695.	2.5	8
62	Neuropilin-1 is upregulated in hepatocellular carcinoma and contributes to tumour growth and vascular remodelling. <i>Journal of Hepatology</i> , 2011, 55, 866-875.	3.7	79
63	Evaluation of cyclosporine A in a stroke model in the immature rat brain. <i>Experimental Neurology</i> , 2011, 230, 58-66.	4.1	40
64	Systemic inflammation disrupts the developmental program of white matter. <i>Annals of Neurology</i> , 2011, 70, 550-565.	5.3	337
65	Transcranial duplex sonography for monitoring circle of Willis artery occlusion in a rat embolic stroke model. <i>Journal of Neuroscience Methods</i> , 2011, 197, 289-296.	2.5	8
66	Impact of intracranial blood-flow redistribution on stroke size during ischemia-reperfusion in 7-day-old rats. <i>Journal of Neuroscience Methods</i> , 2011, 198, 103-109.	2.5	39
67	WNK1 Regulates Vasoconstriction and Blood Pressure Response to β_1 -Adrenergic Stimulation in Mice. <i>Hypertension</i> , 2011, 58, 439-445.	2.7	63
68	Noninvasive Assessment of Endothelial Function in the Skin Microcirculation. <i>American Journal of Hypertension</i> , 2010, 23, 541-546.	2.0	96
69	Effects of Blood Pressure Control With Perindopril/Indapamide on the Microcirculation in Hypertensive Patients. <i>American Journal of Hypertension</i> , 2010, 23, 1136-1143.	2.0	35
70	Further Pharmacological and Genetic Evidence for the Efficacy of PlGF Inhibition in Cancer and Eye Disease. <i>Cell</i> , 2010, 141, 178-190.	28.9	243
71	Ultrasound assessment of short-term ocular vascular effects of intravitreal injection of bevacizumab (Avastin [®]) in neovascular age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2010, 88, 641-645.	1.1	47
72	Small Interfering RNAs Induce Target-Independent Inhibition of Tumor Growth and Vasculature Remodeling in a Mouse Model of Hepatocellular Carcinoma. <i>American Journal of Pathology</i> , 2010, 177, 3192-3201.	3.8	54

#	ARTICLE	IF	CITATIONS
73	TGF- β 2 activity protects against inflammatory aortic aneurysm progression and complications in angiotensin II-infused mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 422-432.	8.2	352
74	Serotonin and Angiotensin Receptors in Cardiac Fibroblasts Coregulate Adrenergic-Dependent Cardiac Hypertrophy. <i>Circulation Research</i> , 2009, 104, 113-123.	4.5	107
75	Angiotensinogen Delays Angiogenesis and Tumor Growth of Hepatocarcinoma in Transgenic Mice. <i>Cancer Research</i> , 2009, 69, 2853-2860.	0.9	56
76	Unilateral Blood Flow Decrease Induces Bilateral and Symmetric Responses in the Immature Brain. <i>American Journal of Pathology</i> , 2009, 175, 2111-2120.	3.8	30
77	Ultrasound Imaging of Renal Vaso-Occlusive Events in Transgenic Sickle Mice Exposed to Hypoxic Stress. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 1076-1084.	1.5	26
78	Ultrasonic Assessment of Cerebral Blood Flow Changes During Ischemia-Reperfusion in 7-Day-Old Rats. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 913-922.	1.5	20
79	Maternal serotonin influences cardiac function in adult offspring. <i>FASEB Journal</i> , 2008, 22, 2340-2349.	0.5	30
80	Chronic Hypoxia-Induced Angiogenesis Normalizes Blood Pressure in Spontaneously Hypertensive Rats. <i>Circulation Research</i> , 2008, 103, 761-769.	4.5	35
81	Endothelin receptor antagonism prevents hypoxia-induced mortality and morbidity in a mouse model of sickle-cell disease. <i>Journal of Clinical Investigation</i> , 2008, 118, 1924-1933.	8.2	118
82	Ultrasonic Assessment of Hepatic Blood Flow as a Marker of Mouse Hepatocarcinoma. <i>Ultrasound in Medicine and Biology</i> , 2007, 33, 561-570.	1.5	28
83	Flow-mediated vasodilatation of carotid and branchial arteries in healthy subjects and in lacunar stroke patients. <i>Ultrasound in Medicine and Biology</i> , 2006, 32, 1165-1169.	1.5	11
84	Cardiac and Renal Effects of Levosimendan, Arginine Vasopressin, and Norepinephrine in Lipopolysaccharide-treated Rabbits. <i>Anesthesiology</i> , 2005, 103, 514-521.	2.5	60
85	The Effects of a Polymerized Bovine-Derived Hemoglobin Solution in a Rabbit Model of Arterial Thrombosis and Bleeding. <i>Anesthesia and Analgesia</i> , 2004, 98, 604-610.	2.2	20
86	Recombinant activated factor VII decreases bleeding without increasing arterial thrombosis in rabbits. <i>Canadian Journal of Anaesthesia</i> , 2004, 51, 672-679.	1.6	21
87	Increasing Maternal Blood Pressure with Ephedrine Increases Uterine Artery Blood Flow Velocity during Uterine Contraction. <i>Anesthesiology</i> , 2002, 96, 612-616.	2.5	24
88	Enhanced flow-dependent vasodilatation after bed rest, a possible mechanism for orthostatic intolerance in humans. <i>European Journal of Applied Physiology</i> , 2001, 85, 420-426.	2.5	38
89	Role of the Hematocrit in a Rabbit Model of Arterial Thrombosis and Bleeding. <i>Anesthesiology</i> , 1999, 90, 1454-1461.	2.5	99
90	Ketorolac and Enoxaparin Affect Arterial Thrombosis and Bleeding in the Rabbit. <i>Anesthesiology</i> , 1998, 88, 1310-1317.	2.5	21

#	ARTICLE	IF	CITATIONS
91	Evidence of fetal cerebral vasodilatation induced by submaximal maternal dynamic exercise in human pregnancy. <i>Journal of Perinatal Medicine</i> , 1997, 25, 63-70.	1.4	9
92	Vasomotor Effects of Transcutaneous CO2 in Stage II Peripheral Occlusive Arterial Disease. <i>Angiology</i> , 1995, 46, 785-791.	1.8	56
93	Peripheral blood flow responses to exercise after successful correction of coarctation of the aorta. <i>Journal of the American College of Cardiology</i> , 1995, 26, 1719-1724.	2.8	10
94	Effects of Increased Resistance to Umbilical Blood Flow on Fetal Hemodynamic Changes Induced by Maternal Oxygen Administration: A Doppler Velocimetric Study on the Sheep. <i>Pediatric Research</i> , 1993, 34, 796-800.	2.3	9