

# Patrick Bruneval

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,856  
citations

304743

22  
h-index

214800

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

5221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carotid Plaque Vulnerability Assessed by Combined Shear Wave Elastography and Ultrafast Doppler Compared to Histology. <i>Translational Stroke Research</i> , 2022, 13, 100-111.	4.2	8
2	Circumferential esophageal replacement by a decellularized esophageal matrix in a porcine model. <i>Surgery</i> , 2022, 171, 384-392.	1.9	7
3	Dynamic contrast enhanced " MRI efficiency in detecting embolization-induced perfusion defects in a rabbit model of critical-limb-ischemia. <i>Magnetic Resonance Imaging</i> , 2022, 87, 88-96.	1.8	0
4	RNA sequencing of chronic GVHD skin lesions defines shared and unique inflammatory pathways characterizing lichen planus and morphea. <i>Blood Advances</i> , 2022, 6, 2805-2811.	5.2	6
5	Complement Activation and Thrombotic Microangiopathy Associated With Monoclonal Gammopathy: A National French Case Series. <i>American Journal of Kidney Diseases</i> , 2022, 80, 341-352.	1.9	7
6	Rare loss-of-function mutations of <i>PTGIR</i> are enriched in fibromuscular dysplasia. <i>Cardiovascular Research</i> , 2021, 117, 1154-1165.	3.8	20
7	TREM-1 orchestrates angiotensin II-induced monocyte trafficking and promotes experimental abdominal aortic aneurysm. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	36
8	Chromatin Accessibility of Human Mitral Valves and Functional Assessment of MVP Risk Loci. <i>Circulation Research</i> , 2021, 128, e84-e101.	4.5	10
9	Argon Attenuates Multiorgan Failure in Relation with HMGB1 Inhibition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3257.	4.1	5
10	Comparison of the damage to aorta wall in aortitis versus noninflammatory degenerative aortic diseases. <i>Cardiovascular Pathology</i> , 2021, 52, 107329.	1.6	6
11	Surgical management of an aortic root dilatation in a patient suffering from Hunter syndrome. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 819-821.	1.1	2
12	Mitral valve granulomatosis: A paradoxical reaction complicating etanercept treatment in rheumatoid arthritis. A case report. <i>Joint Bone Spine</i> , 2021, 88, 105183.	1.6	6
13	Evaluation of Liver Quality after Circulatory Death versus Brain Death: A Comparative Preclinical Pig Model Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9040.	4.1	3
14	Non-invasive recanalization of deep venous thrombosis by high frequency ultrasound in a swine model with follow-up. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2889-2898.	3.8	9
15	Identification and Characterization of Trajectories of Cardiac Allograft Vasculopathy After Heart Transplantation. <i>Circulation</i> , 2020, 141, 1954-1967.	1.6	50
16	Impact of histopathological changes in ascending aortic diseases. <i>International Journal of Cardiology</i> , 2020, 311, 91-96.	1.7	9
17	The tetraspanin CD9 controls migration and proliferation of parietal epithelial cells and glomerular disease progression. <i>Nature Communications</i> , 2019, 10, 3303.	12.8	52
18	A clinical-grade acellular matrix for esophageal replacement. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 2191-2203.	2.7	20

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19	Vascular malformation in a bicuspid aortic valve. <i>Cardiovascular Pathology</i> , 2019, 38, 39-41.	1.6	3
20	201.â€¢TETRASPANIN CD9 EXPRESSION IN PARIETAL EPITHELIAL CELLS DRIVES GLOMERULAR INJURY DURING CRESCENTIC RAPIDLY PROGRESSIVE GLOMERULONEPHRITIS. <i>Rheumatology</i> , 2019, 58, .	1.9	0
21	Transforming growth factor Î² neutralization finely tunes macrophage phenotype in elastase-induced abdominal aortic aneurysm and is associated with an increase of arginase 1 expression in the aorta. <i>Journal of Vascular Surgery</i> , 2019, 70, 588-598.e2.	1.1	16
22	Argon attenuates multiorgan failure following experimental aortic crossâ€¢clamping. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 1170-1179.	2.4	9
23	<i>Coxiella burnetii</i> endocarditis on bioprosthetic aortic valve, with peripheral arterial embolism. <i>Cardiovascular Pathology</i> , 2018, 34, 38-39.	1.6	0
24	Long-Term Engraftment (16 Years) of Myoblasts in a Human Infarcted Heart. <i>Stem Cells Translational Medicine</i> , 2018, 7, 705-708.	3.3	9
25	HPV RNA CISH score identifies two prognostic groups in a p16 positive oropharyngeal squamous cell carcinoma population. <i>Modern Pathology</i> , 2018, 31, 1645-1652.	5.5	13
26	Gene Expression Profiling for the Identification and Classification of Antibody-Mediated Heart Rejection. <i>Circulation</i> , 2017, 135, 917-935.	1.6	139
27	Bone marrow-derived mesenchymal stem cell-loaded fibrin patches act as a reservoir of paracrine factors in chronic myocardial infarction. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3417-3427.	2.7	28
28	Response by Loupy et al to Letters Regarding Article, "Gene Expression Profiling for the Identification and Classification of Antibody-Mediated Heart Rejection" <i>Circulation</i> , 2017, 136, 698-699.	1.6	2
29	Circumferential Esophageal Replacement by a Tissue-engineered Substitute Using Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2017, 26, 1831-1839.	2.5	49
30	Genetic and Pharmacological Inhibition of TREM-1 Limits the Development of Experimental Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2776-2793.	2.8	76
31	Consensus statement on surgical pathology of the aorta from the Society for Cardiovascular Pathology and the Association For European Cardiovascular Pathology: II. Noninflammatory degenerative diseases " nomenclature and diagnostic criteria. <i>Cardiovascular Pathology</i> , 2016, 25, 247-257.	1.6	208
32	A Brief Period of Hypothermia Induced by Total Liquid Ventilation Decreases End-Organ Damage and Multiorgan Failure Induced by Aortic Cross-Clamping. <i>Anesthesia and Analgesia</i> , 2016, 123, 659-669.	2.2	11
33	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
34	Nuclear Factor Erythroid 2-Related Factor 2 Drives Podocyte-Specific Expression of Peroxisome Proliferator-Activated Receptor Î³ Essential for Resistance to Crescentic GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 172-188.	6.1	38
35	The Case   A man with hypertension, respiratory distress, and rapidly progressive renal failure. <i>Kidney International</i> , 2016, 89, 509-510.	5.2	0
36	PHACTR1 Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance. <i>PLoS Genetics</i> , 2016, 12, e1006367.	3.5	146

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37	Sub-aortic obstruction of left ventricular outflow tract secondary to benfluorex-induced endocardial fibrosis. <i>IJC Heart and Vasculature</i> , 2015, 9, 67-69.	1.1	2
38	Consensus statement on surgical pathology of the aorta from the Society for Cardiovascular Pathology and the Association for European Cardiovascular Pathology: I. Inflammatory diseases. <i>Cardiovascular Pathology</i> , 2015, 24, 267-278.	1.6	238
39	Control of the T Follicular Helper-Germinal Center B-Cell Axis by CD8 <sup>+</sup> Regulatory T Cells Limits Atherosclerosis and Tertiary Lymphoid Organ Development. <i>Circulation</i> , 2015, 131, 560-570.	1.6	130
40	Long-term functional benefits of human embryonic stem cell-derived cardiac progenitors embedded into a fibrin scaffold. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1198-1207.	0.6	80
41	Rupture of mitral valve chordae in hypertrophic cardiomyopathy. <i>Archives of Cardiovascular Diseases</i> , 2015, 108, 244-249.	1.6	8
42	Antitumoral Effect of Mural Cells Assessed With High-Resolution MRI and Fluorescence Microscopy. <i>American Journal of Roentgenology</i> , 2015, 205, W11-W18.	2.2	2
43	Circumferential esophageal replacement using a tube-shaped tissue-engineered substitute: An experimental study in minipigs. <i>Surgery</i> , 2015, 158, 266-277.	1.9	35
44	TREM-1 Mediates Inflammatory Injury and Cardiac Remodeling Following Myocardial Infarction. <i>Circulation Research</i> , 2015, 116, 1772-1782.	4.5	102
45	Mitral valve disease—morphology and mechanisms. <i>Nature Reviews Cardiology</i> , 2015, 12, 689-710.	13.7	281
46	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. <i>Nature Genetics</i> , 2015, 47, 1206-1211.	21.4	103
47	Determinants and Outcomes of Accelerated Arteriosclerosis. <i>Circulation Research</i> , 2015, 117, 470-482.	4.5	41
48	A neuropathological study of cerebrovascular abnormalities in a signal transducer and activator of transcription 3-deficient patient. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1418-1421.e5.	2.9	5
49	Towards a clinical use of human embryonic stem cell-derived cardiac progenitors: a translational experience. <i>European Heart Journal</i> , 2015, 36, 743-750.	2.2	137
50	MicroRNAs as non-invasive biomarkers of heart transplant rejection. <i>European Heart Journal</i> , 2014, 35, 3194-3202.	2.2	170
51	B lymphocytes trigger monocyte mobilization and impair heart function after acute myocardial infarction. <i>Nature Medicine</i> , 2013, 19, 1273-1280.	30.7	422