

# Bijan Ghaleh

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,358  
citations

393982

19  
h-index

360668

35  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronary stent CD31-mimetic coating favours endothelialization and reduces local inflammation and neointimal development <i>in vivo</i> . <i>European Heart Journal</i> , 2021, 42, 1760-1769.	1.0	34
2	Cytotoxic CD8+ T cells promote granzyme B-dependent adverse post-ischemic cardiac remodeling. <i>Nature Communications</i> , 2021, 12, 1483.	5.8	73
3	Stabilizing Ryanodine Receptors Improves Left Ventricular Function in Juvenile Dogs With Duchenne Muscular Dystrophy. <i>Journal of the American College of Cardiology</i> , 2021, 78, 2439-2453.	1.2	5
4	A new paradigm for lung-conservative total liquid ventilation. <i>EBioMedicine</i> , 2020, 52, 102365.	2.7	16
5	Ultrafast Hypothermia Selectively Mitigates the Early Humoral Response After Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2020, 9, e017413.	1.6	10
6	Cardioprotective effect of sonic hedgehog ligand in pig models of ischemia reperfusion. <i>Theranostics</i> , 2020, 10, 4006-4016.	4.6	12
7	The CO-releasing molecule CORM-3 protects adult cardiomyocytes against hypoxia-reoxygenation by modulating pH restoration. <i>European Journal of Pharmacology</i> , 2019, 862, 172636.	1.7	12
8	Concomitant systolic and diastolic alterations during chronic hypertension in pig. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 131, 155-163.	0.9	4
9	Hsp22 overexpression induces myocardial hypertrophy, senescence and reduced life span through enhanced oxidative stress. <i>Free Radical Biology and Medicine</i> , 2019, 137, 194-200.	1.3	17
10	Argon attenuates multiorgan failure following experimental aortic cross-clamping. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 1170-1179.	1.1	9
11	Ivabradine improves left ventricular twist and untwist during chronic hypertension. <i>International Journal of Cardiology</i> , 2018, 252, 175-180.	0.8	4
12	Targeted Temperature Management With Total Liquid Ventilation After Ischemic Spinal Cord Injury. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1797-1803.	0.7	3
13	Multi-parametric functional ultrasound imaging of cerebral hemodynamics in a cardiopulmonary resuscitation model. <i>Scientific Reports</i> , 2018, 8, 16436.	1.6	12
14	Hypothermic total liquid ventilation after experimental aspiration-associated acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2018, 8, 57.	2.2	7
15	Mitochondria and aging: A role for the mitochondrial transition pore?. <i>Aging Cell</i> , 2018, 17, e12793.	3.0	107
16	A TSPO ligand prevents mitochondrial sterol accumulation and dysfunction during myocardial ischemia-reperfusion in hypercholesterolemic rats. <i>Biochemical Pharmacology</i> , 2017, 142, 87-95.	2.0	23
17	Notice of Removal: Three-dimensional mapping of epicardial and intramyocardial coronary circulation in-vivo using 3-D Ultrafast Ultrasound Doppler imaging. , 2017, , .		1
18	Early Coronary Reperfusion Facilitates Return of Spontaneous Circulation and Improves Cardiovascular Outcomes After Ischemic Cardiac Arrest and Extracorporeal Resuscitation in Pigs. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	9

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19	Regular treadmill exercise inhibits mitochondrial accumulation of cholesterol and oxysterols during myocardial ischemia-reperfusion in wild-type and ob/ob mice. <i>Free Radical Biology and Medicine</i> , 2016, 101, 317-324.	1.3	23
20	Improvement of left ventricular filling by ivabradine during chronic hypertension: involvement of contraction-relaxation coupling. <i>Basic Research in Cardiology</i> , 2016, 111, 30.	2.5	6
21	Therapeutic hypothermia to protect the heart against acute myocardial infarction. <i>Archives of Cardiovascular Diseases</i> , 2016, 109, 716-722.	0.7	19
22	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.	1.1	11
23	Liquid Ventilation for the Induction of Ultrafast Hypothermia in Resuscitation Sciences: A Review. <i>Therapeutic Hypothermia and Temperature Management</i> , 2016, 6, 63-70.	0.3	8
24	Mitochondrial translocator protein (TSPO): From physiology to cardioprotection. <i>Biochemical Pharmacology</i> , 2016, 105, 1-13.	2.0	60
25	Hypothermic Total Liquid Ventilation Is Highly Protective Through Cerebral Hemodynamic Preservation and Sepsis-Like Mitigation After Asphyxial Cardiac Arrest*. <i>Critical Care Medicine</i> , 2015, 43, e420-e430.	0.4	31
26	Total liquid ventilation offers ultra-fast and whole-body cooling in large animals in physiological conditions and during cardiac arrest. <i>Resuscitation</i> , 2015, 93, 69-73.	1.3	15
27	Cytochrome P450 and myocardial ischemia: potential pharmacological implication for cardioprotection. <i>Fundamental and Clinical Pharmacology</i> , 2015, 29, 1-9.	1.0	7
28	Ivabradine Improves Left Ventricular Function During Chronic Hypertension in Conscious Pigs. <i>Hypertension</i> , 2015, 65, 122-129.	1.3	14
29	Evaluation of lung recovery after static administration of three different perfluorocarbons in pigs. <i>BMC Pharmacology &amp; Toxicology</i> , 2014, 15, 53.	1.0	6
30	Comparative Effect of Hypothermia and Adrenaline During Cardiopulmonary Resuscitation in Rabbits. <i>Shock</i> , 2014, 41, 154-158.	1.0	6
31	Kidney Protection by Hypothermic Total Liquid Ventilation after Cardiac Arrest in Rabbits. <i>Anesthesiology</i> , 2014, 120, 861-869.	1.3	21
32	A Model of Hypoxia-Reoxygenation on Isolated Adult Mouse Cardiomyocytes. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2013, 18, 367-375.	1.0	37
33	Hypothermic Liquid Ventilation Prevents Early Hemodynamic Dysfunction and Cardiovascular Mortality After Coronary Artery Occlusion Complicated by Cardiac Arrest in Rabbits. <i>Critical Care Medicine</i> , 2013, 41, e457-e465.	0.4	31
34	Accurate Quantification of Cardiovascular Biomarkers in Serum Using Protein Standard Absolute Quantification (PSAQ <sup>®</sup> ) and Selected Reaction Monitoring. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.008235.	2.5	71
35	Impaired left ventricular function in the presence of preserved ejection in chronic hypertensive conscious pigs. <i>Basic Research in Cardiology</i> , 2012, 107, 298.	2.5	18
36	Rapid cooling of the heart with total liquid ventilation prevents transmural myocardial infarction following prolonged ischemia in rabbits. <i>Resuscitation</i> , 2010, 81, 359-362.	1.3	22

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37	Cardioprotective effects of mineralocorticoid receptor antagonists at reperfusion. <i>European Heart Journal</i> , 2010, 31, 1655-1662.	1.0	49
38	Rapid cooling preserves the ischaemic myocardium against mitochondrial damage and left ventricular dysfunction. <i>Cardiovascular Research</i> , 2009, 83, 345-353.	1.8	62
39	Myocardial ischemic postconditioning against ischemia-reperfusion is impaired in <i>ob/ob</i> mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1580-H1586.	1.5	111
40	Preconditioning of salvaged myocardium in conscious rabbits with postinfarction dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2763-H2769.	1.5	11
41	Paradoxical Cellular Ca <sup>2+</sup> Signaling in Severe but Compensated Canine Left Ventricular Hypertrophy. <i>Circulation Research</i> , 2005, 97, 457-464.	2.0	63
42	Effect of Graded Heart Rate Reduction with Ivabradine on Myocardial Oxygen Consumption and Diastolic Time in Exercising Dogs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 236-240.	1.3	131
43	Differential effects of heart rate reduction and $\beta^2$ -blockade on left ventricular relaxation during exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H672-H679.	1.5	94
44	Pharmacological delayed preconditioning against ischaemia-induced ventricular arrhythmias: effect of an adenosine A <sub>1</sub> -receptor agonist. <i>British Journal of Pharmacology</i> , 2001, 134, 1532-1538.	2.7	4
45	Monoxyde d'azote et preconditionnement du myocarde ischémique par Bijan Ghaleh, Renaud Tissier & Alain Berdeaux. <i>Société De Biologie Journal</i> , 2000, 194, 137-141.	0.3	6
46	An adenosine agonist and preconditioning shift the distribution of myocardial blood flow in conscious pigs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 276, H368-H375.	1.5	17
47	Selective large coronary endothelial dysfunction in conscious dogs with chronic coronary pressure overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 274, H539-H551.	1.5	16
48	Spatial Heterogeneity of Myocardial Blood Flow Presages Salvage Versus Necrosis With Coronary Artery Reperfusion in Conscious Baboons. <i>Circulation</i> , 1996, 94, 2210-2215.	1.6	29
49	ITF 296, a New Endothelium-Independent Vasodilator. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26, S6-12.	0.8	1
50	ITF 296, a New Endothelium-Independent Vasodilator. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26, S6-12.	0.8	0