# Bijan Ghaleh

List of Publications by Year
in descending order



| 50 | 1,358 | 394286 | 360920 |
|---|---|---|---|
| papers | citations | 19 h-index | 35 g-index |

| 53 | 53 | 53 | 1929 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of Graded Heart Rate Reduction with Ivabradine on Myocardial Oxygen Consumption and Diastolic Time in Exercising Dogs. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 236-240. | 1.3 | 131 |
| 2 | Myocardial ischemic postconditioning against ischemia-reperfusion is impaired in ob/ob mice. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1580-H1586. | 1.5 | 111 |
| 3 | Mitochondria and aging: A role for the mitochondrial transition pore?. Aging Cell, 2018, 17, e12793. | 3.0 | 107 |
| 4 | Differential effects of heart rate reduction and Î²-blockade on left ventricular relaxation during exercise. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H672-H679. | 1.5 | 94 |
| 5 | Cytotoxic CD8+ T cells promote granzyme B-dependent adverse post-ischemic cardiac remodeling. Nature Communications, 2021, 12, 1483. | 5.8 | 73 |
| 6 | Accurate Quantification of Cardiovascular Biomarkers in Serum Using Protein Standard Absolute Quantification (PSAQâ„¢) and Selected Reaction Monitoring. Molecular and Cellular Proteomics, 2012, 11, M111.008235. | 2.5 | 71 |
| 7 | Paradoxical Cellular Ca 2+ Signaling in Severe but Compensated Canine Left Ventricular Hypertrophy. Circulation Research, 2005, 97, 457-464. | 2.0 | 63 |
| 8 | Rapid cooling preserves the ischaemic myocardium against mitochondrial damage and left ventricular dysfunction. Cardiovascular Research, 2009, 83, 345-353. | 1.8 | 62 |
| 9 | Mitochondrial translocator protein (TSPO): From physiology to cardioprotection. Biochemical Pharmacology, 2016, 105, 1-13. | 2.0 | 60 |
| 10 | Cardioprotective effects of mineralocorticoid receptor antagonists at reperfusion. European Heart Journal, 2010, 31, 1655-1662. | 1.0 | 49 |
| 11 | A Model of Hypoxia-Reoxygenation on Isolated Adult Mouse Cardiomyocytes. Journal of Cardiovascular Pharmacology and Therapeutics, 2013, 18, 367-375. | 1.0 | 37 |
| 12 | Coronary stent CD31-mimetic coating favours endothelialization and reduces local inflammation and neointimal development in vivo. European Heart Journal, 2021, 42, 1760-1769. | 1.0 | 34 |
| 13 | Hypothermic Liquid Ventilation Prevents Early Hemodynamic Dysfunction and Cardiovascular Mortality After Coronary Artery Occlusion Complicated by Cardiac Arrest in Rabbits. Critical Care Medicine, 2013, 41, e457-e465. | 0.4 | 31 |
| 14 | Hypothermic Total Liquid Ventilation Is Highly Protective Through Cerebral Hemodynamic Preservation and Sepsis-Like Mitigation After Asphyxial Cardiac Arrest*. Critical Care Medicine, 2015, 43, e420-e430. | 0.4 | 31 |
| 15 | Spatial Heterogeneity of Myocardial Blood Flow Presages Salvage Versus Necrosis With Coronary Artery Reperfusion in Conscious Baboons. Circulation, 1996, 94, 2210-2215. | 1.6 | 29 |
| 16 | Regular treadmill exercise inhibits mitochondrial accumulation of cholesterol and oxysterols during myocardial ischemia-reperfusion in wild-type and ob/ob mice. Free Radical Biology and Medicine, 2016, 101, 317-324. | 1.3 | 23 |
| 17 | A TSPO ligand prevents mitochondrial sterol accumulation and dysfunction during myocardial ischemia-reperfusion in hypercholesterolemic rats. Biochemical Pharmacology, 2017, 142, 87-95. | 2.0 | 23 |
| 18 | Rapid cooling of the heart with total liquid ventilation prevents transmural myocardial infarction following prolonged ischemia in rabbits. Resuscitation, 2010, 81, 359-362. | 1.3 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Kidney Protection by Hypothermic Total Liquid Ventilation after Cardiac Arrest in Rabbits. Anesthesiology, 2014, 120, 861-869. | 1.3 | 21 |
| 20 | Therapeutic hypothermia to protect the heart against acute myocardial infarction. Archives of Cardiovascular Diseases, 2016, 109, 716-722. | 0.7 | 19 |
| 21 | Impaired left ventricular function in the presence of preserved ejection in chronic hypertensive conscious pigs. Basic Research in Cardiology, 2012, 107, 298. | 2.5 | 18 |
| 22 | An adenosine agonist and preconditioning shift the distribution of myocardial blood flow in conscious pigs. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H368-H375. | 1.5 | 17 |
| 23 | Hsp22 overexpression induces myocardial hypertrophy, senescence and reduced life span through enhanced oxidative stress. Free Radical Biology and Medicine, 2019, 137, 194-200. | 1.3 | 17 |
| 24 | Selective large coronary endothelial dysfunction in conscious dogs with chronic coronary pressure overload. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 274, H539-H551. | 1.5 | 16 |
| 25 | A new paradigm for lung-conservative total liquid ventilation. EBioMedicine, 2020, 52, 102365. | 2.7 | 16 |
| 26 | Total liquid ventilation offers ultra-fast and whole-body cooling in large animals in physiological conditions and during cardiac arrest. Resuscitation, 2015, 93, 69-73. | 1.3 | 15 |
| 27 | Ivabradine Improves Left Ventricular Function During Chronic Hypertension in Conscious Pigs. Hypertension, 2015, 65, 122-129. | 1.3 | 14 |
| 28 | Multi-parametric functional ultrasound imaging of cerebral hemodynamics in a cardiopulmonary resuscitation model. Scientific Reports, 2018, 8, 16436. | 1.6 | 12 |
| 29 | The CO-releasing molecule CORM-3 protects adult cardiomyocytes against hypoxia-reoxygenation by modulating pH restoration. European Journal of Pharmacology, 2019, 862, 172636. | 1.7 | 12 |
| 30 | Cardioprotective effect of sonic hedgehog ligand in pig models of ischemia reperfusion. Theranostics, 2020, 10, 4006-4016. | 4.6 | 12 |
| 31 | Preconditioning of salvaged myocardium in conscious rabbits with postinfarction dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H2763-H2769. | 1.5 | 11 |
| 32 | A Brief Period of Hypothermia Induced by Total Liquid Ventilation Decreases End-Organ Damage and Multiorgan Failure Induced by Aortic Cross-Clamping. Anesthesia and Analgesia, 2016, 123, 659-669. | 1.1 | 11 |
| 33 | Ultrafast Hypothermia Selectively Mitigates the Early Humoral Response After Cardiac Arrest. Journal of the American Heart Association, 2020, 9, e017413. | 1.6 | 10 |
| 34 | Early Coronary Reperfusion Facilitates Return of Spontaneous Circulation and Improves Cardiovascular Outcomes After Ischemic Cardiac Arrest and Extracorporeal Resuscitation in Pigs. Journal of the American Heart Association, 2016, 5, . | 1.6 | 9 |
| 35 | Argon attenuates multiorgan failure following experimental aortic crossâ€clamping. British Journal of Clinical Pharmacology, 2018, 84, 1170-1179. | 1.1 | 9 |
| 36 | Liquid Ventilation for the Induction of Ultrafast Hypothermia in Resuscitation Sciences: A Review. Therapeutic Hypothermia and Temperature Management, 2016, 6, 63-70. | 0.3 | 8 |

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|---|---|---|---|
| 37 | Cytochrome P450 and myocardial ischemia: potential pharmacological implication for cardioprotection. Fundamental and Clinical Pharmacology, 2015, 29, 1-9. | 1.0 | 7 |
| 38 | Hypothermic total liquid ventilation after experimental aspiration-associated acute respiratory distress syndrome. Annals of Intensive Care, 2018, 8, 57. | 2.2 | 7 |
| 39 | Monoxyde dâ€™azote et prÃ©conditionnement du myocarde ischÃ©mique par Bijan Ghaleh, Renaud Tissier & Alain Berdeaux. SociÃ©tÃ© De Biologie Journal, 2000, 194, 137-141. | 0.3 | 6 |
| 40 | Evaluation of lung recovery after static administration of three different perfluorocarbons in pigs. BMC Pharmacology & Toxicology, 2014, 15, 53. | 1.0 | 6 |
| 41 | Comparative Effect of Hypothermia and Adrenaline During Cardiopulmonary Resuscitation in Rabbits. Shock, 2014, 41, 154-158. | 1.0 | 6 |
| 42 | Improvement of left ventricular filling by ivabradine during chronic hypertension: involvement of contraction-relaxation coupling. Basic Research in Cardiology, 2016, 111, 30. | 2.5 | 6 |
| 43 | Stabilizing Ryanodine Receptors Improves Left Ventricular Function inÂJuvenile Dogs With Duchenne MuscularÂDystrophy. Journal of the American College of Cardiology, 2021, 78, 2439-2453. | 1.2 | 5 |
| 44 | Pharmacological delayed preconditioning against ischaemia-induced ventricular arrhythmias: effect of an adenosine A1 -receptor agonist. British Journal of Pharmacology, 2001, 134, 1532-1538. | 2.7 | 4 |
| 45 | Ivabradine improves left ventricular twist and untwist during chronic hypertension. International Journal of Cardiology, 2018, 252, 175-180. | 0.8 | 4 |
| 46 | Concomitant systolic and diastolic alterations during chronic hypertension in pig. Journal of Molecular and Cellular Cardiology, 2019, 131, 155-163. | 0.9 | 4 |
| 47 | Targeted Temperature Management With Total Liquid Ventilation After Ischemic Spinal Cord Injury. Annals of Thoracic Surgery, 2018, 106, 1797-1803. | 0.7 | 3 |
| 48 | ITF 296, a New Endothelium-Independent Vasodilator. Journal of Cardiovascular Pharmacology, 1995, 26, S6-12. | 0.8 | 1 |
| 49 | Notice of Removal: Three-dimensional mapping of epicardial and intramyocardial coronary circulation in-vivo using 3-D Ultrafast Ultrasound Doppler imaging. , 2017, , . | | 1 |
| 50 | ITF 296, a New Endothelium-Independent Vasodilator. Journal of Cardiovascular Pharmacology, 1995, 26, S6-12. | 0.8 | 0 |