Bernard Geny

List of Publications by Year
in descending order

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Version: 2024-02-01

59 papers	1,467 citations	361045 20 h-index	360668 35 g-index
59 all docs	59 docs citations	59 times ranked	2392 citing authors

#	Article	IF	Citations
1	Pathophysiology of Heart Failure: A Role for Peripheral Blood Mononuclear Cells Mitochondrial Dysfunction?. Journal of Clinical Medicine, 2022, 11, 741.	1.0	6
2	Prolonged Cold Ischemia Did Not Impair Mitochondrial Oxygen Consumption or Reactive Oxygen Species Production in Human Uterine Fundus and Horn Myometrium. Oxygen, 2022, 2, 12-21.	1.6	0
3	Long Term Follow-Up of Sarcopenia and Malnutrition after Hospitalization for COVID-19 in Conventional or Intensive Care Units. Nutrients, 2022, 14, 912.	1.7	23
4	Computer-assisted quantification and visualization of bowel perfusion using fluorescence-based enhanced reality in left-sided colonic resections. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 4321-4331.	1.3	42
5	Usefulness of Platelet-to-Lymphocyte Ratio as a Marker of Sarcopenia for Critical Limb Threatening Ischemia. Annals of Vascular Surgery, 2021, 72, 72-78.	0.4	4
6	Physiological factors determining downhill vs uphill running endurance performance. Journal of Science and Medicine in Sport, 2021, 24, 85-91.	0.6	18
7	High-intensity downhill running exacerbates heart rate and muscular fatigue in trail runners. Journal of Sports Sciences, 2021, 39, 815-825.	1.0	9
8	Intraoperative Perfusion Assessment in Enhanced Reality Using Quantitative Optical Imaging: An Experimental Study in a Pancreatic Partial Ischemia Model. Diagnostics, 2021, 11, 93.	1.3	11
9	Digestive nâ€6 Lipid Oxidation, a Key Trigger of Vascular Dysfunction and Atherosclerosis in the Western Diet: Protective Effects of Apple Polyphenols. Molecular Nutrition and Food Research, 2021, 65, e2000487.	1.5	13
10	Reduced Flow-Mediated Dilatation Is Not Related to COVID-19 Severity Three Months after Hospitalization for SARS-CoV-2 Infection. Journal of Clinical Medicine, 2021, 10, 1318.	1.0	21
11	Automatic Liver Viability Scoring with Deep Learning and Hyperspectral Imaging. Diagnostics, 2021, 11, 1527.	1.3	18
12	Deleterious Effects of Remote Ischaemic Per-conditioning During Lower Limb Ischaemiaâ€“Reperfusion in Mice. European Journal of Vascular and Endovascular Surgery, 2021, 62, 953-959.	0.8	3
13	Effect of Waters Enriched in O2 by Injection or Electrolysis on Performance and the Cardiopulmonary and Acidâ€“Base Response to High Intensity Exercise. Nutrients, 2021, 13, 4320.	1.7	0
14	A Novel Technique to Improve Anastomotic Perfusion Prior to Esophageal Surgery: Hybrid Ischemic Preconditioning of the Stomach. Preclinical Efficacy Proof in a Porcine Survival Model. Cancers, 2020, 12, 2977.	1.7	15
15	New Insights into the Implication of Mitochondrial Dysfunction in Tissue, Peripheral Blood Mononuclear Cells, and Platelets during Lung Diseases. Journal of Clinical Medicine, 2020, 9, 1253.	1.0	9
16	Sarcopenia and peripheral arterial disease: a systematic review. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 866-886.	2.9	58
17	Skeletal and Respiratory Muscle Dysfunctions in Pulmonary Arterial Hypertension. Journal of Clinical Medicine, 2020, 9, 410.	1.0	23
18	Peripheral Blood Mononuclear Cells and Platelets Mitochondrial Dysfunction, Oxidative Stress, and Circulating mtDNA in Cardiovascular Diseases. Journal of Clinical Medicine, 2020, 9, 311.	1.0	29

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19	Effects of a short-term Interval Aerobic Training Programme with active Recovery bouts (IATP-R) on cognitive and mental health, functional performance and quality of life: A randomised controlled trial in sedentary seniors. International Journal of Clinical Practice, 2019, 73, e13219.	0.8	20
20	Mitochondrial Function in Peripheral Blood Mononuclear Cells (PBMC) Is Enhanced, Together with Increased Reactive Oxygen Species, in Severe Asthmatic Patients in Exacerbation. Journal of Clinical Medicine, 2019, 8, 1613.	1.0	16
21	Comment on: Muscle fluorodeoxyglucose uptake assessed by positron emission tomography-computed tomography as a biomarker of inflammatory myopathies disease activity: reply. Rheumatology, 2019, 58, 2345-2346.	0.9	3
22	The Endocrine Function of the Heart: Physiology and Involvements of Natriuretic Peptides and Cyclic Nucleotide Phosphodiesterases in Heart Failure. Journal of Clinical Medicine, 2019, 8, 1746.	1.0	27
23	Critical Limb Ischaemia Exacerbates Mitochondrial Dysfunction in ApoEâ€"/â€" Mice Compared with ApoE+/+ Mice, but N-acetyl Cysteine still Confers Protection. European Journal of Vascular and Endovascular Surgery, 2019, 58, 576-582.	0.8	8
24	Effects of a High Fat Meal Associated with Water, Juice, or Champagne Consumption on Endothelial Function and Markers of Oxidative Stress and Inflammation in Young, Healthy Subjects. Journal of Clinical Medicine, 2019, 8, 859.	1.0	8
25	Aging Exacerbates Ischemia-Reperfusion-Induced Mitochondrial Respiration Impairment in Skeletal Muscle. Antioxidants, 2019, 8, 168.	2.2	11
26	Beneficial Effect of Exercise on Cognitive Function during Peripheral Arterial Disease: Potential Involvement of Myokines and Microglial Anti-Inflammatory Phenotype Enhancement. Journal of Clinical Medicine, 2019, 8, 653.	1.0	10
27	Effect of the Phosphodiesterase 5 Inhibitor Sildenafil on Ischemia-Reperfusion-Induced Muscle Mitochondrial Dysfunction and Oxidative Stress. Antioxidants, 2019, 8, 93.	2.2	8
28	Effects of a short-term interval aerobic training program with recovery bouts on vascular function in sedentary aged 70 or over: A randomized controlled trial. Archives of Gerontology and Geriatrics, 2019, 82, 217-225.	1.4	12
29	The Rise of Mitochondria in Peripheral Arterial Disease Physiopathology: Experimental and Clinical Data. Journal of Clinical Medicine, 2019, 8, 2125.	1.0	27
30	Septic Shock Alters Mitochondrial Respiration of Lymphoid Cell-Lines and Human Peripheral Blood Mononuclear Cells: The Role of Plasma. Shock, 2019, 51, 97-104.	1.0	10
31	Explanted Vascular and Endovascular Graft Analysis: Where Do We Stand and What Should We Do?. European Journal of Vascular and Endovascular Surgery, 2018, 55, 567-576.	0.8	27
32	Impact of valve-less vs. standard insufflation on pneumoperitoneum volume, inflammation, and peritoneal physiology in a laparoscopic sigmoid resection experimental model. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 3215-3224.	1.3	2
33	Effect of Aerobic Training on Peak Oxygen Uptake Among Seniors Aged 70 or Older: A Meta-Analysis of Randomized Controlled Trials. Rejuvenation Research, 2018, 21, 341-349.	0.9	23
34	Current Research and New Perspectives of Telemedicine in Chronic Heart Failure: Narrative Review and Points of Interest for the Clinician. Journal of Clinical Medicine, 2018, 7, 544.	1.0	32
35	FACS - based isolation of human eosinophils allows purification of high quality RNA. Journal of Immunological Methods, 2018, 463, 47-53.	0.6	4
36	N-Acetyl Cysteine Restores Limb Function, Improves Mitochondrial Respiration, and Reduces Oxidative Stress in a Murine Model of Critical Limb Ischaemia. European Journal of Vascular and Endovascular Surgery, 2018, 56, 730-738.	0.8	13

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37	Effects of Interval Aerobic Training Program with Recovery bouts on cardiorespiratory and endurance fitness in seniors. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2284-2292.	1.3	13
38	Diabetes Worsens Skeletal Muscle Mitochondrial Function, Oxidative Stress, and Apoptosis After Lower-Limb Ischemia-Reperfusion: Implication of the RISK and SAFE Pathways?. Frontiers in Physiology, 2018, 9, 579.	1.3	25
39	Precision real-time evaluation of bowel perfusion: accuracy of confocal endomicroscopy assessment of stoma in a controlled hemorrhagic shock model. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 680-691.	1.3	10
40	Health benefits of aerobic training programs in adults aged 70 and over: a systematic review. Archives of Gerontology and Geriatrics, 2017, 69, 110-127.	1.4	114
41	Moderate Exercise Allows for shorter Recovery Time in Critical Limb Ischemia. Frontiers in Physiology, 2017, 8, 523.	1.3	15
42	Skeletal muscle ischemiaâ€“reperfusion injury and cyclosporine A in the aging rat. Fundamental and Clinical Pharmacology, 2016, 30, 216-225.	1.0	16
43	Comparative assessment of knee extensor and flexor muscle strength measured using a hand-held vs. isokinetic dynamometer. Journal of Physical Therapy Science, 2016, 28, 2445-2451.	0.2	47
44	Mitochondrial function following downhill and/or uphill exercise training in rats. Muscle and Nerve, 2016, 54, 925-935.	1.0	10
45	Ischemia reperfusion injury, ischemic conditioning and diabetes mellitus. Journal of Molecular and Cellular Cardiology, 2016, 91, 11-22.	0.9	179
46	Chronology of mitochondrial and cellular events during skeletal muscle ischemia-reperfusion. American Journal of Physiology - Cell Physiology, 2016, 310, C968-C982.	2.1	89
47	Health benefits of cycle ergometer training for older adults over 70: a review. European Review of Aging and Physical Activity, 2015, 12, 8.	1.3	31
48	Angiotensinâ€converting enzyme inhibition prevents myocardial infarctionâ€induced increase in renal cortical <scp>cGMP</scp> and <scp>cAMP</scp> phosphodiesterase activities. Fundamental and Clinical Pharmacology, 2015, 29, 352-361.	1.0	1
49	Apparent Km of mitochondria for oxygen computed from Vmax measured in permeabilized muscle fibers is lower in water enriched in oxygen by electrolysis than injection. Drug Design, Development and Therapy, 2015, 9, 3589.	2.0	4
50	High reactive oxygen species in fibrotic and nonfibrotic skin of patients with diffuse cutaneous systemic sclerosis. Free Radical Biology and Medicine, 2015, 87, 282-289.	1.3	37
51	Reductive stress impairs myoblasts mitochondrial function and triggers mitochondrial hormesis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1574-1585.	1.9	80
52	Metabolism-Guided Bowel Resection. Surgical Innovation, 2015, 22, 453-461.	0.4	20
53	Gastric Supply Manipulation to Modulate Ghrelin Production and Enhance Vascularization to the Cardia. Surgical Innovation, 2015, 22, 5-14.	0.4	12
54	Long-Term Outcomes of Direct and Indirect Below-The-Knee Open Revascularization Based on the Angiosome Concept in Diabetic Patients with Critical Limb Ischemia. Annals of Vascular Surgery, 2014, 28, 983-989.	0.4	53

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55	Mitochondria: Mitochondrial participation in ischemiaâ€“reperfusion injury in skeletal muscle. International Journal of Biochemistry and Cell Biology, 2014, 50, 101-105.	1.2	71
56	Oxidative stress precedes skeletal muscle mitochondrial dysfunction during experimental aortic cross-clamping but is not associated with early lung, heart, brain, liver, or kidney mitochondrial impairment. Journal of Vascular Surgery, 2014, 60, 1043-1051.e5.	0.6	30
57	Effect of administration of water enriched in O2 by injection or electrolysis on transcutaneous oxygen pressure in anesthetized pigs. Drug Design, Development and Therapy, 2014, 8, 1161.	2.0	8
58	Impact of iron oxide nanoparticles on brain, heart, lung, liver and kidneys mitochondrial respiratory chain complexes activities and coupling. Toxicology in Vitro, 2013, 27, 2142-2148.	1.1	29
59	Effect of chronic preâ€treatment with angiotensin converting enzyme inhibition on skeletal muscle mitochondrial recovery after ischemia/reperfusion. Fundamental and Clinical Pharmacology, 2010, 24, 333-340.	1.0	10