John C Quindry

List of Publications by Year
in descending order

89 papers	2,949 citations	147566 31 h-index	168136 53 g-index
90 all docs	90 docs citations	90 times ranked	3600 citing authors

#	Article	IF	Citations
1	Exercise-induced cardioprotection against myocardial ischemiaâ€“reperfusion injury. Free Radical Biology and Medicine, 2008, 44, 193-201.	1.3	195
2	The Effects of Acute Exercise on Neutrophils and Plasma Oxidative Stress. Medicine and Science in Sports and Exercise, 2003, 35, 1139-1145.	0.2	140
3	Acute hormonal and neuromuscular responses to hypertrophy, strength and power type resistance exercise. European Journal of Applied Physiology, 2009, 105, 695-704.	1.2	137
4	Exerciseâ€induced protection against myocardial apoptosis and necrosis: MnSOD, calciumâ€handling proteins, and calpain. FASEB Journal, 2008, 22, 2862-2871.	0.2	121
5	Loss of exercise-induced cardioprotection after cessation of exercise. Journal of Applied Physiology, 2004, 96, 1299-1305.	1.2	119
6	Exercise and cardioprotection. Current Opinion in Cardiology, 2002, 17, 495-502.	0.8	114
7	Quercetin's influence on exercise-induced changes in plasma cytokines and muscle and leukocyte cytokine mRNA. Journal of Applied Physiology, 2007, 103, 1728-1735.	1.2	110
8	Exercise training provides cardioprotection against ischemiaâ€“reperfusion induced apoptosis in young and old animals. Experimental Gerontology, 2005, 40, 416-425.	1.2	105
9	Quercetin Ingestion Does Not Alter Cytokine Changes in Athletes Competing in the Western States Endurance Run. Journal of Interferon and Cytokine Research, 2007, 27, 1003-1012.	0.5	92
10	Mechanisms of Exercise-Induced Cardioprotection. Physiology, 2014, 29, 27-38.	1.6	82
11	Consensus Statement Immunonutrition and Exercise. Exercise Immunology Review, 2017, 23, 8-50.	0.4	80
12	The Effect of Resistance Exercise on Humoral Markers of Oxidative Stress. Medicine and Science in Sports and Exercise, 2008, 40, 542-548.	0.2	72
13	MnSOD antisense treatment and exercise-induced protection against arrhythmias. Free Radical Biology and Medicine, 2004, 37, 1360-1368.	1.3	71
14	Exercise-induced HSP-72 elevation and cardioprotection against infarct and apoptosis. Journal of Applied Physiology, 2007, 103, 1056-1062.	1.2	70
15	Impact of extreme exercise at high altitude on oxidative stress in humans. Journal of Physiology, 2016, 594, 5093-5104.	1.3	65
16	Interleukin-6 mediates exercise preconditioning against myocardial ischemia reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1423-H1433.	1.5	63
17	Aging, Exercise, and Cardioprotection. Annals of the New York Academy of Sciences, 2004, 1019, 462-470.	1.8	61
18	Successive bouts of cycling stimulates genes associated with mitochondrial biogenesis. European Journal of Applied Physiology, 2009, 107, 419-427.	1.2	60

#	Article	IF	Citations
19	Oral Quercetin Supplementation and Blood Oxidative Capacity in Response to Ultramarathon Competition. International Journal of Sport Nutrition and Exercise Metabolism, 2008, 18, 601-616.	1.0	56
20	Mitochondrial K_{ATP}channel inhibition blunts arrhythmia protection in ischemic exercised hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H175-H183.	1.5	56
21	Relationship between serum creatine kinase activity following exercise-induced muscle damage and muscle fibre composition. Journal of Sports Sciences, 2010, 28, 257-266.	1.0	56
22	Benefits and Risks of High-Intensity Interval Training in Patients With Coronary Artery Disease. American Journal of Cardiology, 2019, 123, 1370-1377.	0.7	54
23	Ischemia reperfusion injury, K_{ATP}channels, and exercise-induced cardioprotection against apoptosis. Journal of Applied Physiology, 2012, 113, 498-506.	1.2	50
24	Cardioprotective HIF-1Î±-frataxin signaling against ischemia-reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H867-H879.	1.5	41
25	The 1-Week and 8-Month Effects of a Ketogenic Diet or Ketone Salt Supplementation on Multi-Organ Markers of Oxidative Stress and Mitochondrial Function in Rats. Nutrients, 2017, 9, 1019.	1.7	41
26	Measured Pulmonary and Systemic Markers of Inflammation and Oxidative Stress Following Wildland Firefighter Simulations. Journal of Occupational and Environmental Medicine, 2016, 58, 407-413.	0.9	37
27	Exercise-induced oxidative stress and hypoxic exercise recovery. European Journal of Applied Physiology, 2014, 114, 725-733.	1.2	36
28	The Effects of Endurance Exercise and Vitamin E on Oxidative Stress in the Elderly. Biological Research for Nursing, 2003, 5, 47-55.	1.0	35
29	Environmental Temperature and Exercise-Induced Blood Oxidative Stress. International Journal of Sport Nutrition and Exercise Metabolism, 2013, 23, 128-136.	1.0	35
30	Long-term quercetin dietary enrichment decreases muscle injury in mdx mice. Clinical Nutrition, 2015, 34, 515-522.	2.3	35
31	Exercise and Cardiac Preconditioning Against Ischemia Reperfusion Injury. Current Cardiology Reviews, 2013, 9, 220-229.	0.6	34
32	Postprandial Oxidative Stress. Medicine and Science in Sports and Exercise, 2009, 41, 2111-2119.	0.2	33
33	Exercise Engagement Is Differentially Motivated by Age-Dependent Factors. American Journal of Health Behavior, 2011, 35, 334-345.	0.6	32
34	Blood Oxidative-Stress Markers During a High-Altitude Trek. International Journal of Sport Nutrition and Exercise Metabolism, 2013, 23, 65-72.	1.0	31
35	Histological and biochemical outcomes of cardiac pathology in mdx mice with dietary quercetin enrichment. Experimental Physiology, 2015, 100, 12-22.	0.9	29
36	The role of frataxin in doxorubicin-mediated cardiac hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H844-H859.	1.5	28

#	Article	IF	Citations
37	Muscle-Fiber Type and Blood Oxidative Stress After Eccentric Exercise. International Journal of Sport Nutrition and Exercise Metabolism, 2011, 21, 462-470.	1.0	26
38	Evaluation of Arrhythmia Scoring Systems and Exercise-Induced Cardioprotection. Medicine and Science in Sports and Exercise, 2012, 44, 435-441.	0.2	26
39	Acute Hypoxia and Exercise-Induced Blood Oxidative Stress. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 684-693.	1.0	26
40	Exercise Preconditioning as a Cardioprotective Phenotype. American Journal of Cardiology, 2021, 148, 8-15.	0.7	26
41	Plethysmography measurements of respiratory function in conscious unrestrained mice. Journal of Physiological Sciences, 2016, 66, 157-164.	0.9	24
42	Exercise does not increase cyclooxygenase-2 myocardial levels in young or senescent hearts. Journal of Physiological Sciences, 2010, 60, 181-186.	0.9	23
43	Comparative adaptations in oxidative and glycolytic muscle fibers in a low voluntary wheel running rat model performing three levels of physical activity. Physiological Reports, 2015, 3, e12619.	0.7	23
44	Involvement of the Î´â€opioid receptor in exerciseâ€induced cardioprotection. Experimental Physiology, 2015, 100, 410-421.	0.9	23
45	Long-Term Quercetin Dietary Enrichment Partially Protects Dystrophic Skeletal Muscle. PLoS ONE, 2016, 11, e0168293.	1.1	23
46	Lifelong quercetin enrichment and cardioprotection in Mdx/Utrn+/â˜’ mice. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H128-H140.	1.5	23
47	Acute physiological effects of whole body vibration (WBV) on central hemodynamics, muscle oxygenation and oxygen consumption in individuals with chronic spinal cord injury. Disability and Rehabilitation, 2014, 36, 136-145.	0.9	22
48	Oral quercetin administration transiently protects respiratory function in dystrophinâ€deficient mice. Journal of Physiology, 2016, 594, 6037-6053.	1.3	22
49	Experimental Woodsmoke Exposure During Exercise and Blood Oxidative Stress. Journal of Occupational and Environmental Medicine, 2018, 60, 1073-1081.	0.9	22
50	Cardioprotective Exercise and Pharmacologic Interventions as Complementary Antidotes to Cardiovascular Disease. Exercise and Sport Sciences Reviews, 2018, 46, 5-17.	1.6	20
51	Longâ€term dietary quercetin enrichment as a cardioprotective countermeasure in mdx mice. Experimental Physiology, 2017, 102, 635-649.	0.9	16
52	Exercise-Induced Cardioprotection and the Therapeutic Potential of RIPC. Journal of Cardiovascular Pharmacology and Therapeutics, 2017, 22, 397-403.	1.0	16
53	Blood flow regulation and oxidative stress during submaximal cycling exercise in patients with cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, 256-263.	0.3	15
54	Moderate Caloric Restriction Increases Diaphragmatic Antioxidant Enzyme mRNA, but Not When Combined with Lifelong Exercise. Antioxidants and Redox Signaling, 2006, 8, 539-547.	2.5	11

#	Article	IF	Citations
55	Graded hypoxia and blood oxidative stress during exercise recovery. Journal of Sports Sciences, 2016, 34, 56-66.	1.0	11
56	Muscle Damage and Overreaching During Wildland Firefighter Critical Training. Journal of Occupational and Environmental Medicine, 2021, 63, 350-356.	0.9	10
57	Nutraceutical and pharmaceutical cocktails did not improve muscle function or reduce histological damage in D2-mdx mice. Journal of Applied Physiology, 2019, 127, 1058-1066.	1.2	8
58	Nutraceutical and pharmaceutical cocktails did not preserve diaphragm muscle function or reduce muscle damage in D2â€mdx mice. Experimental Physiology, 2020, 105, 989-999.	0.9	7
59	Cardiac Rehabilitation and Resting Blood Pressure. Journal of Cardiopulmonary Rehabilitation and Prevention, 2022, 42, E23-E31.	1.2	6
60	PPARγ Activation Improves the Molecular and Functional Components of Ito Remodeling by Angiotensin II. Current Pharmaceutical Design, 2013, 19, 4839-4847.	0.9	6
61	High level physical activity in cardiac rehabilitation: Implications for exercise training and leisure-time pursuits. Progress in Cardiovascular Diseases, 2022, 70, 22-32.	1.6	5
62	Alterations in Metabolic and Cardiovascular Risk Factors During Critical Training in Wildland Firefighters. Journal of Occupational and Environmental Medicine, 2021, 63, 594-599.	0.9	4
63	Indices of Defective Autophagy in Whole Muscle and Lysosome Enriched Fractions From Aged D2-mdx Mice. Frontiers in Physiology, 2021, 12, 691245.	1.3	4
64	Exercise Induced Cardioprotection: An Overview of a Unique Form of Preconditioning. Current Cardiology Reviews, 2007, 3, 255-263.	0.6	3
65	New insights: Does heat shock protein 70 mediate exercise-induced cardioprotection?. Journal of Applied Physiology, 2012, 113, 849-850.	1.2	3
66	Local Pressure Application Effects on Discomfort, Temperature, and Limb Oxygenation. Aerospace Medicine and Human Performance, 2016, 87, 697-703.	0.2	3
67	Blood oxidative stress and post-exercise recovery are unaffected byhypobaric and hypoxic environments. Journal of Sports Sciences, 2021, 39, 1356-1365.	1.0	3
68	Prolonged Restricted Sitting Effects in UH-60 Helicopters. Aviation, Space, and Environmental Medicine, 2015, 86, 34-40.	0.6	2
69	Autophagy in the heart is enhanced and independent of disease progression in mus musculus dystrophinopathy models. JRSM Cardiovascular Disease, 2019, 8, 204800401987958.	0.4	2
70	Blood Oxidative Stress Following Exercise Recovery in Normobaric and Hypobaric Hypoxic Environments. Medicine and Science in Sports and Exercise, 2018, 50, 334.	0.2	2
71	Effect of exercise-induced changes in residual lung volume on the determination of body composition. Journal of Strength and Conditioning Research, 2002, 16, 591-8.	1.0	2
72	Cardiovascular and Blood Oxidative Stress Responses to Exercise and Acute Woodsmoke Exposure in Recreationally Active Individuals. Wilderness and Environmental Medicine, 2022, 33, 17-24.	0.4	2

#	Article	IF	Citations
73	Application of a Novel Collection of Exhaled Breath Condensate to Exercise Settings. International Journal of Environmental Research and Public Health, 2022, 19, 3948.	1.2	2
74	Effects of Hypobaric and Normobaric Hypoxia on Mitochondrial Related Gene Expression. Medicine and Science in Sports and Exercise, 2017, 49, 243-244.	0.2	0
75	Local Pressure Application Effects on Neurological and Circulatory Function. Aerospace Medicine and Human Performance, 2018, 89, 693-699.	0.2	0
76	Heat shock protein 72 expression is not essential for exercise induced protection against infarction and apoptosis following ischemiaâ€reperfusion. FASEB Journal, 2006, 20, A318.	0.2	0
77	Exercise training and calpain inhibition prevent the IRâ€induced degradation of myocardial calcium handling proteins and contractile dysfunction. FASEB Journal, 2006, 20, LB13.	0.2	0
78	Heating enhances muscle regrowth rate and reduces oxidant stress. FASEB Journal, 2006, 20, A385.	0.2	0
79	Heating enhances skeletal muscle regrowth rate and may increase IGFâ€1 pathway activation. FASEB Journal, 2006, 20, A385.	0.2	0
80	Oxidative stress and pharmacologic quercetin during intense exercise. FASEB Journal, 2007, 21, A444.	0.2	0
81	Quercetin Ingestion Does Not Alter Cytokine Changes In Athletes Competing in the Western States Endurance Run. Medicine and Science in Sports and Exercise, 2007, 39, S463.	0.2	0
82	Effects Of Rooibos Tea, Bottled Water, And A Carbohydrate Beverage On Blood And Urinary Measures Of Hydration After Acute Dehydration.. Medicine and Science in Sports and Exercise, 2009, 41, 233.	0.2	0
83	Exercise induced cardioprotection is mediated via delta opioid receptors. FASEB Journal, 2012, 26, lb645.	0.2	0
84	Myocardial ILâ€6R expression and ILâ€6 signaling following exercise. FASEB Journal, 2013, 27, lb775.	0.2	0
85	Dietary quercetin enrichment improves respiratory function in mdx mice (884.17). FASEB Journal, 2014, 28, 884.17.	0.2	0
86	Whole body plethysmography measurement of respiratory function of mice in vivo (1178.9). FASEB Journal, 2014, 28, 1178.9.	0.2	0
87	Effect of chronic quercetin supplementation on dystrophic cardiac pathology in mdx mice (LB672). FASEB Journal, 2014, 28, LB672.	0.2	0
88	Inducible Overexpression of p21Cip1 in Myotubes Promotes Increases in Protein Synthesis and Myotube Hypertrophy. Medicine and Science in Sports and Exercise, 2017, 49, 501.	0.2	0
89	2844. Medicine and Science in Sports and Exercise, 2017, 49, 822.	0.2	0