

François Guerrero

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

558
citations

566801

15
h-index

713013

21
g-index

49
all docs

49
docs citations

49
times ranked

490
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Metabolic Syndrome and Hypertension Resulting from Fructose Enriched Diet in Wistar Rats. <i>BioMed Research International</i> , 2017, 2017, 1-10. | 0.9 | 44 |
| 2 | Effect of a single, open-sea, air scuba dive on human micro- and macrovascular function. <i>European Journal of Applied Physiology</i> , 2013, 113, 2637-2645. | 1.2 | 41 |
| 3 | Reactive Oxygen Species, Mitochondria, and Endothelial Cell Death during In Vitro Simulated Dives. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1362-1371. | 0.2 | 40 |
| 4 | Progressive Induction of Type 2 Diabetes: Effects of a Reality-â€œLike Fructose Enriched Diet in Young Wistar Rats. <i>PLoS ONE</i> , 2016, 11, e0146821. | 1.1 | 30 |
| 5 | Oxidative stress in breath-hold divers after repetitive dives. <i>Diving and Hyperbaric Medicine</i> , 2013, 43, 63-6. | 0.2 | 24 |
| 6 | Bubble Formation and Endothelial Function Before and After 3 Months of Dive Training. <i>Aviation, Space, and Environmental Medicine</i> , 2009, 80, 15-19. | 0.6 | 23 |
| 7 | Antioxidants, endothelial dysfunction, and DCS: in vitro and in vivo study. <i>Journal of Applied Physiology</i> , 2015, 119, 1355-1362. | 1.2 | 22 |
| 8 | Evidence of Heritable Determinants of Decompression Sickness in Rats. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2433-2438. | 0.2 | 19 |
| 9 | Effect of decompression-induced bubble formation on highly trained divers microvascular function. <i>Physiological Reports</i> , 2013, 1, e00142. | 0.7 | 18 |
| 10 | Mechanism of action of antiplatelet drugs on decompression sickness in rats: a protective effect of anti-GPIIb/IIIa therapy. <i>Journal of Applied Physiology</i> , 2015, 118, 1234-1239. | 1.2 | 18 |
| 11 | A ternary model of decompression sickness in rats. <i>Computers in Biology and Medicine</i> , 2014, 55, 74-78. | 3.9 | 17 |
| 12 | Pre-dive Whole-Body Vibration Better Reduces Decompression-Induced Vascular Gas Emboli than Oxygenation or a Combination of Both. <i>Frontiers in Physiology</i> , 2016, 7, 586. | 1.3 | 17 |
| 13 | Venous gas emboli are involved in post-dive macro, but not microvascular dysfunction. <i>European Journal of Applied Physiology</i> , 2017, 117, 335-344. | 1.2 | 17 |
| 14 | The effect of pre-dive ingestion of dark chocolate on endothelial function after a scuba dive. <i>Diving and Hyperbaric Medicine</i> , 2015, 45, 4-9. | 0.2 | 17 |
| 15 | Effect of training frequency on endothelium-dependent vasorelaxation in rats. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008, 15, 52-58. | 3.1 | 15 |
| 16 | Dark chocolate reduces endothelial dysfunction after successive breath-hold dives in cool water. <i>European Journal of Applied Physiology</i> , 2013, 113, 2967-2975. | 1.2 | 15 |
| 17 | Influence of decompression sickness on vasocontraction of isolated rat vessels. <i>Journal of Applied Physiology</i> , 2016, 120, 784-791. | 1.2 | 15 |
| 18 | Early detection of diving-related cognitive impairment of different nitrogen-oxygen gas mixtures using critical flicker fusion frequency. <i>Diving and Hyperbaric Medicine</i> , 2019, 49, 119-126. | 0.2 | 15 |

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|----|---|-----|-----------|
| 19 | Age, weight and decompression sickness in rats. Archives of Physiology and Biochemistry, 2016, 122, 67-69. | 1.0 | 13 |
| 20 | Effect of tetrahydrobiopterin and exercise training on endothelium-dependent vasorelaxation in SHR. Journal of Physiology and Biochemistry, 2013, 69, 277-287. | 1.3 | 11 |
| 21 | Different effect of α -NAME treatment on susceptibility to decompression sickness in male and female rats. Applied Physiology, Nutrition and Metabolism, 2014, 39, 1280-1285. | 0.9 | 10 |
| 22 | Physiological characteristics associated with increased resistance to decompression sickness in male and female rats. Journal of Applied Physiology, 2020, 129, 612-625. | 1.2 | 10 |
| 23 | Effect of simulated air dive and decompression sickness on the plasma proteome of rats. Proteomics - Clinical Applications, 2016, 10, 614-620. | 0.8 | 9 |
| 24 | Angiotensin Converting Enzyme Inhibitor Has a Protective Effect on Decompression Sickness in Rats. Frontiers in Physiology, 2018, 9, 64. | 1.3 | 9 |
| 25 | Editorial: Extreme Environments in Movement Science and Sport Psychology. Frontiers in Psychology, 2018, 9, 2391. | 1.1 | 8 |
| 26 | A survey of scuba diving-related injuries and outcomes among French recreational divers. Diving and Hyperbaric Medicine, 2019, 49, 96-106. | 0.2 | 8 |
| 27 | Physiological effects of mixed-gas deep sea dives using a closed-circuit rebreather: a field pilot study. European Journal of Applied Physiology, 2021, 121, 3323-3331. | 1.2 | 7 |
| 28 | Correlation between reactive hyperaemia and acetylcholine induced vasodilation in rat cutaneous microcirculation. Atherosclerosis, 2005, 180, 419-421. | 0.4 | 5 |
| 29 | Diving under a Microscope – A New Simple and Versatile In Vitro Diving Device for Fluorescence and Confocal Microscopy Allowing the Controls of Hydrostatic Pressure, Gas Pressures, and Kinetics of Gas Saturation. Microscopy and Microanalysis, 2013, 19, 608-616. | 0.2 | 5 |
| 30 | A New Measure of Decompression Sickness in the Rat. BioMed Research International, 2014, 2014, 1-6. | 0.9 | 5 |
| 31 | Vasorelaxant effects of camel and bovine casein hydrolysates in rat thoracic aorta and mesenteric artery. International Dairy Journal, 2014, 39, 113-120. | 1.5 | 5 |
| 32 | Effect of personalized moderate exercise training on Wistar rats fed with a fructose enriched water. Nutrition and Metabolism, 2018, 15, 69. | 1.3 | 5 |
| 33 | Evidence of a hormonal reshuffle in the cecal metabolome fingerprint of a strain of rats resistant to decompression sickness. Scientific Reports, 2021, 11, 8317. | 1.6 | 5 |
| 34 | Physiology of repeated mixed gas 100-m wreck dives using a closed-circuit rebreather: a field bubble study. European Journal of Applied Physiology, 2021, , 1. | 1.2 | 5 |
| 35 | Evolution of the plasma proteome of divers before and after a single SCUBA dive. Proteomics - Clinical Applications, 2017, 11, 1700016. | 0.8 | 4 |
| 36 | Comparison of insulation provided by dry or wetsuits among recreational divers during cold water immersion (5°C). International Maritime Health, 2021, 72, 217-222. | 0.3 | 4 |

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|----|--|-----|-----------|
| 37 | In vitro reactivity of ventral aorta to acetylcholine and noradrenaline in yellow freshwater eel (<i>Anguilla anguilla</i> L.) acclimatized to 10.1 MPa hydrostatic pressure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2000, 78, 897-903. | 0.7 | 3 |
| 38 | Prevention of Decompression Sickness by Novel Artificial Oxygen Carriers. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2127-2135. | 0.2 | 3 |
| 39 | Endothelial function may be enhanced in the cutaneous microcirculation after a single air dive. <i>Diving and Hyperbaric Medicine</i> , 2020, 50, 214-219. | 0.2 | 3 |
| 40 | Field study of anthropomorphic and muscle performance changes among elite skippers following a transoceanic race. <i>International Maritime Health</i> , 2020, 71, 20-27. | 0.3 | 3 |
| 41 | Effects of <i>n</i> -3 fatty acids and acute exercise on endothelium-dependent vasorelaxation in healthy rat aorta. <i>British Journal of Nutrition</i> , 2009, 101, 829-835. | 1.2 | 2 |
| 42 | Decreased Incidence of Pulmonary Barotrauma After Discontinuation of Emergency Free Ascent Training. <i>Aerospace Medicine and Human Performance</i> , 2018, 89, 816-821. | 0.2 | 2 |
| 43 | Simulated air dives induce superoxide, nitric oxide, peroxynitrite, and Ca ²⁺ alterations in endothelial cells. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 61-72. | 1.3 | 2 |
| 44 | Pre-hydration strongly reduces decompression sickness occurrence after a simulated dive in the rat. <i>Diving and Hyperbaric Medicine</i> , 2020, 50, 288-291. | 0.2 | 2 |
| 45 | Central inhibitory effect of adenosine deaminase on carotid blood flow increase at high pressure. <i>Physiology and Behavior</i> , 1996, 59, 283-286. | 1.0 | 1 |
| 46 | Data Consistency in Distributed Virtual Reality Simulations Applied to Biology. , 2009, , . | | 1 |
| 47 | A rat model of chronic moderate alcohol consumption and risk of decompression sickness. <i>Diving and Hyperbaric Medicine</i> , 2015, 45, 75-8. | 0.2 | 1 |
| 48 | Pre-hydration strongly reduces decompression sickness occurrence after a simulated dive in the rat. <i>Diving and Hyperbaric Medicine</i> , 2020, 50, 288-291. | 0.2 | 0 |
| 49 | Editorial: Cardio-vascular Dysfunction and Physiological Manifestations Induced by Environmental Conditions. <i>Frontiers in Physiology</i> , 2022, 13, 870917. | 1.3 | 0 |