# Marc Roig

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2881815/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 39 papers | 2,810 citations | 257450 24 h-index | 302126 39 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 2837 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The effects of eccentric versus concentric resistance training on muscle strength and mass in healthy adults: a systematic review with meta-analysis. British Journal of Sports Medicine, 2009, 43, 556-568. | 6.7 | 423 |
| 2 | The effects of cardiovascular exercise on human memory: A review with meta-analysis. Neuroscience and Biobehavioral Reviews, 2013, 37, 1645-1666. | 6.1 | 342 |
| 3 | Acute exercise improves motor memory: Exploring potential biomarkers. Neurobiology of Learning and Memory, 2014, 116, 46-58. | 1.9 | 261 |
| 4 | A Single Bout of Exercise Improves Motor Memory. PLoS ONE, 2012, 7, e44594. | 2.5 | 206 |
| 5 | Neuromuscular electrical stimulation for preventing skeletal-muscle weakness and wasting in critically ill patients: a systematic review. BMC Medicine, 2013, 11, 137. | 5.5 | 134 |
| 6 | Time-Dependent Effects of Cardiovascular Exercise on Memory. Exercise and Sport Sciences Reviews, 2016, 44, 81-88. | 3.0 | 119 |
| 7 | Preservation of eccentric strength in older adults: Evidence, mechanisms and implications for training and rehabilitation. Experimental Gerontology, 2010, 45, 400-409. | 2.8 | 113 |
| 8 | Top-Cited Articles in Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2010, 91, 806-815. | 0.9 | 113 |
| 9 | Acute Exercise and Motor Memory Consolidation: The Role of Exercise Intensity. PLoS ONE, 2016, 11, e0159589. | 2.5 | 97 |
| 10 | HIITing the brain with exercise: mechanisms, consequences and practical recommendations. Journal of Physiology, 2020, 598, 2513-2530. | 2.9 | 92 |
| 11 | High-Intensity Interval Training After Stroke: An Opportunity to Promote Functional Recovery, Cardiovascular Health, and Neuroplasticity. Neurorehabilitation and Neural Repair, 2018, 32, 543-556. | 2.9 | 89 |
| 12 | A Single Bout of High-Intensity Interval Training Improves Motor Skill Retention in Individuals With Stroke. Neurorehabilitation and Neural Repair, 2017, 31, 726-735. | 2.9 | 81 |
| 13 | The Effect of an Acute Bout of Moderate-Intensity Aerobic Exercise on Motor Learning of a Continuous Tracking Task. PLoS ONE, 2016, 11, e0150039. | 2.5 | 69 |
| 14 | Changes in corticospinal excitability during consolidation predict acute exercise-induced off-line gains in procedural memory. Neurobiology of Learning and Memory, 2016, 136, 196-203. | 1.9 | 67 |
| 15 | Acute Exercise and Motor Memory Consolidation: The Role of Exercise Timing. Neural Plasticity, 2016, 2016, 1-11. | 2.2 | 66 |
| 16 | Acute cardiovascular exercise promotes functional changes in cortico-motor networks during the early stages of motor memory consolidation. NeuroImage, 2018, 174, 380-392. | 4.2 | 65 |
| 17 | Eccentric Exercise in Patients with Chronic Health Conditions: A Systematic Review. Physiotherapy Canada Physiotherapie Canada, 2008, 60, 146-160. | 0.6 | 56 |
| 18 | Aging increases the susceptibility to motor memory interference and reduces off-line gains in motor skill learning. Neurobiology of Aging, 2014, 35, 1892-1900. | 3.1 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Electrical stimulation and peripheral muscle function in COPD: A systematic review. Respiratory Medicine, 2009, 103, 485-495. | 2.9 | 47 |
| 20 | Associations of the Stair Climb Power Test With Muscle Strength and Functional Performance in People With Chronic Obstructive Pulmonary Disease: A Cross-Sectional Study. Physical Therapy, 2010, 90, 1774-1782. | 2.4 | 46 |
| 21 | Eccentric muscle actions: Implications for injury prevention and rehabilitation. Physical Therapy in Sport, 2007, 8, 88-97. | 1.9 | 44 |
| 22 | The effects of exercise on sleep quality in persons with Parkinson's disease: A systematic review with meta-analysis. Sleep Medicine Reviews, 2021, 55, 101384. | 8.5 | 39 |
| 23 | Acute Exercise Improves Motor Memory Consolidation in Preadolescent Children. Frontiers in Human Neuroscience, 2017, 11, 182. | 2.0 | 31 |
| 24 | Post-exercise ingestion of a unique, high molecular weight glucose polymer solution improves performance during a subsequent bout of cycling exercise. Journal of Sports Sciences, 2008, 26, 149-154. | 2.0 | 29 |
| 25 | Exercise Improves Video Game Performance: A Winâ€“Win Situation. Medicine and Science in Sports and Exercise, 2020, 52, 1595-1602. | 0.4 | 19 |
| 26 | Acute and Chronic Exercise Effects on Human Memory: What We Know and Where to Go from Here. Journal of Clinical Medicine, 2021, 10, 4812. | 2.4 | 18 |
| 27 | The effects of aging on cortico-spinal excitability and motor memory consolidation. Neurobiology of Aging, 2018, 70, 254-264. | 3.1 | 12 |
| 28 | The Beneficial Effect of Acute Exercise on Motor Memory Consolidation is Modulated by Dopaminergic Gene Profile. Journal of Clinical Medicine, 2019, 8, 578. | 2.4 | 12 |
| 29 | Acute Exercise Protects Newly Formed Motor Memories Against rTMS-induced Interference Targeting Primary Motor Cortex. Neuroscience, 2020, 436, 110-121. | 2.3 | 12 |
| 30 | Does the Brain-Derived Neurotrophic Factor Val66Met Polymorphism Modulate the Effects of Physical Activity and Exercise on Cognition?. Neuroscientist, 2022, 28, 69-86. | 3.5 | 10 |
| 31 | Exercising the Sleepy-ing Brain: Exercise, Sleep, and Sleep Loss on Memory. Exercise and Sport Sciences Reviews, 2022, 50, 38-48. | 3.0 | 9 |
| 32 | Exercise Reduces Competition between Procedural and Declarative Memory Systems. ENeuro, 2020, 7, ENEURO.0070-20.2020. | 1.9 | 7 |
| 33 | Aerobic exercise and aerobic fitness level do not modify motor learning. Scientific Reports, 2021, 11, 5366. | 3.3 | 6 |
| 34 | What are the effects of acute exercise and exercise training on cerebrovascular hemodynamics following stroke? A systematic review and meta-analysis. Journal of Applied Physiology, 2022, 132, 1379-1393. | 2.5 | 6 |
| 35 | Canadian Platform for Trials in Noninvasive Brain Stimulation (CanStim) Consensus Recommendations for Repetitive Transcranial Magnetic Stimulation in Upper Extremity Motor Stroke Rehabilitation Trials. Neurorehabilitation and Neural Repair, 2021, 35, 103-116. | 2.9 | 5 |
| 36 | Prolonged Elevation of Arterial Stiffness Following Peak Aerobic Exercise in Individuals With Chronic Stroke. Frontiers in Physiology, 2021, 12, 666171. | 2.8 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Intensity matters: protocol for a randomized controlled trial exercise intervention for individuals with chronic stroke. Trials, 2022, 23, . | 1.6 | 4 |
| 38 | Unfolding the Effects of Acute Cardiovascular Exercise on Neural Correlates of Motor Learning Using Convolutional Neural Networks. Frontiers in Neuroscience, 2019, 13, 1215. | 2.8 | 3 |
| 39 | Acute cardiovascular exercise does not enhance locomotor learning in people with stroke. Journal of Physiology, 2018, 596, 1785-1786. | 2.9 | 2 |