

# Marc Roig

## List of Publications by Year in descending order

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

Version: 2024-02-01

39  
papers

2,810  
citations

257357

24  
h-index

302012

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. <i>British Journal of Sports Medicine</i> , 2009, 43, 556-568.	3.1	423
2	The effects of cardiovascular exercise on human memory: A review with meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1645-1666.	2.9	342
3	Acute exercise improves motor memory: Exploring potential biomarkers. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 46-58.	1.0	261
4	A Single Bout of Exercise Improves Motor Memory. <i>PLoS ONE</i> , 2012, 7, e44594.	1.1	206
5	Neuromuscular electrical stimulation for preventing skeletal-muscle weakness and wasting in critically ill patients: a systematic review. <i>BMC Medicine</i> , 2013, 11, 137.	2.3	134
6	Time-Dependent Effects of Cardiovascular Exercise on Memory. <i>Exercise and Sport Sciences Reviews</i> , 2016, 44, 81-88.	1.6	119
7	Preservation of eccentric strength in older adults: Evidence, mechanisms and implications for training and rehabilitation. <i>Experimental Gerontology</i> , 2010, 45, 400-409.	1.2	113
8	Top-Cited Articles in Rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 806-815.	0.5	113
9	Acute Exercise and Motor Memory Consolidation: The Role of Exercise Intensity. <i>PLoS ONE</i> , 2016, 11, e0159589.	1.1	97
10	HIITing the brain with exercise: mechanisms, consequences and practical recommendations. <i>Journal of Physiology</i> , 2020, 598, 2513-2530.	1.3	92
11	High-Intensity Interval Training After Stroke: An Opportunity to Promote Functional Recovery, Cardiovascular Health, and Neuroplasticity. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 543-556.	1.4	89
12	A Single Bout of High-Intensity Interval Training Improves Motor Skill Retention in Individuals With Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 726-735.	1.4	81
13	The Effect of an Acute Bout of Moderate-Intensity Aerobic Exercise on Motor Learning of a Continuous Tracking Task. <i>PLoS ONE</i> , 2016, 11, e0150039.	1.1	69
14	Changes in corticospinal excitability during consolidation predict acute exercise-induced off-line gains in procedural memory. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 196-203.	1.0	67
15	Acute Exercise and Motor Memory Consolidation: The Role of Exercise Timing. <i>Neural Plasticity</i> , 2016, 1-11.	1.0	66
16	Acute cardiovascular exercise promotes functional changes in cortico-motor networks during the early stages of motor memory consolidation. <i>NeuroImage</i> , 2018, 174, 380-392.	2.1	65
17	Eccentric Exercise in Patients with Chronic Health Conditions: A Systematic Review. <i>Physiotherapy Canada</i> , 2008, 60, 146-160.	0.3	56
18	Ageing increases the susceptibility to motor memory interference and reduces off-line gains in motor skill learning. <i>Neurobiology of Aging</i> , 2014, 35, 1892-1900.	1.5	51

#	ARTICLE	IF	CITATIONS
19	Electrical stimulation and peripheral muscle function in COPD: A systematic review. <i>Respiratory Medicine</i> , 2009, 103, 485-495.	1.3	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. <i>Physical Therapy</i> , 2010, 90, 1774-1782.	1.1	46
21	Eccentric muscle actions: Implications for injury prevention and rehabilitation. <i>Physical Therapy in Sport</i> , 2007, 8, 88-97.	0.8	44
22	The effects of exercise on sleep quality in persons with Parkinson's disease: A systematic review with meta-analysis. <i>Sleep Medicine Reviews</i> , 2021, 55, 101384.	3.8	39
23	Acute Exercise Improves Motor Memory Consolidation in Preadolescent Children. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 182.	1.0	31
24	Post-exercise ingestion of a unique, high molecular weight glucose polymer solution improves performance during a subsequent bout of cycling exercise. <i>Journal of Sports Sciences</i> , 2008, 26, 149-154.	1.0	29
25	Exercise Improves Video Game Performance: A Win-Win Situation. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1595-1602.	0.2	19
26	Acute and Chronic Exercise Effects on Human Memory: What We Know and Where to Go from Here. <i>Journal of Clinical Medicine</i> , 2021, 10, 4812.	1.0	18
27	The effects of aging on cortico-spinal excitability and motor memory consolidation. <i>Neurobiology of Aging</i> , 2018, 70, 254-264.	1.5	12
28	The Beneficial Effect of Acute Exercise on Motor Memory Consolidation is Modulated by Dopaminergic Gene Profile. <i>Journal of Clinical Medicine</i> , 2019, 8, 578.	1.0	12
29	Acute Exercise Protects Newly Formed Motor Memories Against rTMS-induced Interference Targeting Primary Motor Cortex. <i>Neuroscience</i> , 2020, 436, 110-121.	1.1	12
30	Does the Brain-Derived Neurotrophic Factor Val66Met Polymorphism Modulate the Effects of Physical Activity and Exercise on Cognition?. <i>Neuroscientist</i> , 2022, 28, 69-86.	2.6	10
31	Exercising the Sleepy-ing Brain: Exercise, Sleep, and Sleep Loss on Memory. <i>Exercise and Sport Sciences Reviews</i> , 2022, 50, 38-48.	1.6	9
32	Exercise Reduces Competition between Procedural and Declarative Memory Systems. <i>ENeuro</i> , 2020, 7, ENEURO.0070-20.2020.	0.9	7
33	Aerobic exercise and aerobic fitness level do not modify motor learning. <i>Scientific Reports</i> , 2021, 11, 5366.	1.6	6
34	What are the effects of acute exercise and exercise training on cerebrovascular hemodynamics following stroke? A systematic review and meta-analysis. <i>Journal of Applied Physiology</i> , 2022, 132, 1379-1393.	1.2	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. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 103-116.	1.4	5
36	Prolonged Elevation of Arterial Stiffness Following Peak Aerobic Exercise in Individuals With Chronic Stroke. <i>Frontiers in Physiology</i> , 2021, 12, 666171.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Intensity matters: protocol for a randomized controlled trial exercise intervention for individuals with chronic stroke. <i>Trials</i> , 2022, 23, .	0.7	4
38	Unfolding the Effects of Acute Cardiovascular Exercise on Neural Correlates of Motor Learning Using Convolutional Neural Networks. <i>Frontiers in Neuroscience</i> , 2019, 13, 1215.	1.4	3
39	Acute cardiovascular exercise does not enhance locomotor learning in people with stroke. <i>Journal of Physiology</i> , 2018, 596, 1785-1786.	1.3	2