

Sauro E Salomoni

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

243
citations

10
h-index

13
g-index

40
ext. papers

327
ext. citations

2.7
avg, IF

3.32
L-index

#	Paper	IF	Citations
33	Deep and superficial cervical muscles respond differently to unstable motor skill tasks. <i>Human Movement Science</i> , 2021 , 80, 102893	2.4	0
32	Gluteal Muscle Atrophy and Increased Intramuscular Lipid Concentration Are Not Mitigated by Daily Artificial Gravity Following 60-Day Head-Down Tilt Bed Rest. <i>Frontiers in Physiology</i> , 2021 , 12, 745811	4.6	1
31	Exploration of shear wave elastography measures of the iliotibial band during different tasks in pain-free runners. <i>Physical Therapy in Sport</i> , 2021 , 50, 121-129	3	0
30	Lumbar muscle atrophy and increased relative intramuscular lipid concentration are not mitigated by daily artificial gravity after 60-day head-down tilt bed rest. <i>Journal of Applied Physiology</i> , 2021 , 131, 356-368	3.7	5
29	Shear modulus of multifidus and longissimus muscles measured using shear wave elastography correlates with muscle activity, but depends on image quality. <i>Journal of Electromyography and Kinesiology</i> , 2021 , 56, 102505	2.5	1
28	Low Back Pain Flares: How do They Differ From an Increase in Pain?. <i>Clinical Journal of Pain</i> , 2021 , 37, 313-320	3.5	3
27	ISSLS PRIZE IN CLINICAL SCIENCE 2021: What are the risk factors for low back pain flares and does this depend on how flare is defined?. <i>European Spine Journal</i> , 2021 , 30, 1089-1097	2.7	3
26	Intermittent short-arm centrifugation is a partially effective countermeasure against upright balance deterioration following 60-day head-down tilt bed rest. <i>Journal of Applied Physiology</i> , 2021 , 131, 689-701	3.7	3
25	Effects of a six-week exercise intervention on function, pain and lumbar multifidus muscle cross-sectional area in chronic low back pain: A proof-of-concept study. <i>Musculoskeletal Science and Practice</i> , 2020 , 49, 102190	2.4	0
24	Hypogravity reduces trunk admittance and lumbar muscle activation in response to external perturbations. <i>Journal of Applied Physiology</i> , 2020 , 128, 1044-1055	3.7	7
23	The nociceptive withdrawal reflex of the trunk is organized with unique muscle receptive fields and motor strategies. <i>European Journal of Neuroscience</i> , 2019 , 50, 1932-1947	3.5	5
22	Motor Strategies Learned during Pain Are Sustained upon Pain-free Reexposure to Task. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2334-2343	1.2	6
21	Hip abductor muscle activity during walking in individuals with gluteal tendinopathy. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 686-695	4.6	19
20	Effect of experimental muscle pain on the acquisition and retention of locomotor adaptation: different motor strategies for a similar performance. <i>Journal of Neurophysiology</i> , 2018 , 119, 1647-1657	3.2	8
19	Functional behaviour of spinal muscles after training with an exercise device developed to recruit and train postural muscles. <i>Gait and Posture</i> , 2018 , 66, 189-193	2.6	1
18	Location-specific responses to nociceptive input support the purposeful nature of motor adaptation to pain. <i>Pain</i> , 2018 , 159, 2192-2200	8	9
17	Trunk muscle activation during movement with a new exercise device for lumbo-pelvic reconditioning. <i>Physiological Reports</i> , 2017 , 5, e13188	2.6	8

16	Reduced Maximal Force during Acute Anterior Knee Pain Is Associated with Deficits in Voluntary Muscle Activation. <i>PLoS ONE</i> , 2016 , 11, e0161487	3.7	16
15	Breathing and Singing: Objective Characterization of Breathing Patterns in Classical Singers. <i>PLoS ONE</i> , 2016 , 11, e0155084	3.7	26
14	A novel approach to activate deep spinal muscles in spaceResults of a biomechanical model. <i>Acta Astronautica</i> , 2015 , 116, 202-210	2.9	4
13	Reorganised motor control strategies of trunk muscles due to acute low back pain. <i>Human Movement Science</i> , 2015 , 41, 282-94	2.4	11
12	Spatial reorganisation of muscle activity correlates with change in tangential force variability during isometric contractions. <i>Journal of Electromyography and Kinesiology</i> , 2014 , 24, 37-45	2.5	8
11	Insight into motor adaptation to pain from between-leg compensation. <i>European Journal of Applied Physiology</i> , 2014 , 114, 1057-65	3.4	16
10	Variability of three-dimensional forces increase during experimental knee pain. <i>European Journal of Applied Physiology</i> , 2013 , 113, 567-75	3.4	14
9	Experimental muscle pain increases normalized variability of multidirectional forces during isometric contractions. <i>European Journal of Applied Physiology</i> , 2012 , 112, 3607-17	3.4	26
8	Muscle fatigue increases the amplitude of fluctuations of tangential forces during isometric contractions. <i>Human Movement Science</i> , 2012 , 31, 758-71	2.4	14
7	On the behavior of surface electromyographic variables during the menstrual cycle. <i>Physiological Measurement</i> , 2011 , 32, 543-57	2.9	10
6	Development of a microcontrolled bioinstrumentation system for active control of leg prostheses. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 2393-6	0.9	
5	Semi-automatic detection of the left ventricular border. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 218-21	0.9	10
4	Gender differences in muscle fatigue of the biceps brachii and influences of female menstrual cycle in electromyography variables. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 2598-601	0.9	5
3	Surface EMG and spatial resolution analysis with estimation of electromyographic descriptors. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 4748-51	0.9	
2	Algoritmo de Máxima Verossimilhança para a Estimativa da Velocidade de Condução Média de Sinais Eletromiográficos de Superfície. <i>IFMBE Proceedings</i> , 2007 , 1049-1053	0.2	1
1	Análise de Filtros Espaciais em Sinais EMG de Superfície nas Condições do Máximo Volume de Contração. <i>IFMBE Proceedings</i> , 2007 , 95-98	0.2	1