

Thierry Paillard

List of Publications by Year in descending order

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86
papers

2,753
citations

257450

24
h-index

197818

49
g-index

93
all docs

93
docs citations

93
times ranked

3014
citing authors

#	ARTICLE	IF	CITATIONS
1	Techniques and Methods for Testing the Postural Function in Healthy and Pathological Subjects. BioMed Research International, 2015, 2015, 1-15.	1.9	314
2	Effects of general and local fatigue on postural control: A review. Neuroscience and Biobehavioral Reviews, 2012, 36, 162-176.	6.1	281
3	Protective Effects of Physical Exercise in Alzheimer's Disease and Parkinson's Disease: A Narrative		

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19	Stimulated and voluntary fatiguing contractions of quadriceps femoris differently disturb postural control. <i>Neuroscience Letters</i> , 2010, 477, 48-51.	2.1	31
20	Eight Weeks of Plyometric Training Improves Ability to Change Direction and Dynamic Postural Control in Female Basketball Players. <i>Frontiers in Physiology</i> , 2019, 10, 726.	2.8	31
21	How experienced alpine-skiers cope with restrictions of ankle degrees-of-freedom when wearing ski-boots in postural exercises. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, 341-346.	1.7	30
22	Training Based on Electrical Stimulation Superimposed Onto Voluntary Contraction Would be Relevant Only as Part of Submaximal Contractions in Healthy Subjects. <i>Frontiers in Physiology</i> , 2018, 9, 1428.	2.8	30
23	Short-Term Effects of Electrical Stimulation Superimposed on Muscular Voluntary Contraction in Postural Control in Elderly Women. <i>Journal of Strength and Conditioning Research</i> , 2005, 19, 640.	2.1	30
24	Postural adaptations specific to preferred throwing techniques practiced by competition-level judoists. <i>Journal of Electromyography and Kinesiology</i> , 2007, 17, 241-244.	1.7	27
25	Sport-Specific Balance Develops Specific Postural Skills. <i>Sports Medicine</i> , 2014, 44, 1019-1020.	6.5	27
26	Balance control is impaired by mental fatigue due to the fulfilment of a continuous cognitive task or by the watching of a documentary. <i>Experimental Brain Research</i> , 2020, 238, 861-868.	1.5	27
27	Electrical stimulation superimposed onto voluntary muscular contraction reduces deterioration of both postural control and quadriceps femoris muscle strength. <i>Neuroscience</i> , 2010, 165, 1471-1475.	2.3	25
28	Muscle plasticity of aged subjects in response to electrical stimulation training and inversion and/or limitation of the sarcopenic process. <i>Ageing Research Reviews</i> , 2018, 46, 1-13.	10.9	25
29	Discrepancy in the involution of the different neural loops with age. <i>European Journal of Applied Physiology</i> , 2013, 113, 1821-1831.	2.5	20
30	Chronic physical activity preserves efficiency of proprioception in postural control in older women. <i>Journal of Rehabilitation Research and Development</i> , 2013, 50, 843-854.	1.6	20
31	A cross-cultural study of adolescents' physical activity levels in France and Spain. <i>European Journal of Sport Science</i> , 2013, 13, 551-558.	2.7	20
32	Effects of Two Types of Neuromuscular Electrical Stimulation Training on Vertical Jump Performance. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 1273-1278.	2.1	18
33	Effect of Weather, School Transport, and Perceived Neighborhood Characteristics on Moderate to Vigorous Physical Activity Levels of Adolescents From Two European Cities. <i>Environment and Behavior</i> , 2015, 47, 395-417.	4.7	18
34	Effect of adding neuromuscular electrical stimulation training to pulmonary rehabilitation in patients with chronic obstructive pulmonary disease: randomized clinical trial. <i>Clinical Rehabilitation</i> , 2019, 33, 195-206.	2.2	18
35	Multidirectional Plyometric Training: Very Efficient Way to Improve Vertical Jump Performance, Change of Direction Performance and Dynamic Postural Control in Young Soccer Players. <i>Frontiers in Physiology</i> , 2019, 10, 1462.	2.8	18
36	Stimulated and voluntary fatiguing contractions of quadriceps femoris similarly disturb postural control in the bipedal stance. <i>European Journal of Applied Physiology</i> , 2012, 112, 1881-1887.	2.5	16

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37	The impact of time of day on the gait and balance control of Alzheimer's patients. <i>Chronobiology International</i> , 2016, 33, 161-168.	2.0	15
38	Effects of in Season Multi-Directional Plyometric Training on Vertical Jump Performance, Change of Direction Speed and Dynamic Postural Control in U-21 Soccer Players. <i>Frontiers in Physiology</i> , 2020, 11, 374.	2.8	14
39	Running and Metabolic Demands of Elite Rugby Union Assessed Using Traditional, Metabolic Power, and Heart Rate Monitoring Methods. <i>Journal of Sports Science and Medicine</i> , 2017, 16, 84-92.	1.6	14
40	Inter-joint coordination of posture on a seesaw device. <i>Journal of Electromyography and Kinesiology</i> , 2017, 34, 72-79.	1.7	13
41	Postural Effects of Vestibular Manipulation Depend on the Physical Activity Status. <i>PLoS ONE</i> , 2016, 11, e0162966.	2.5	13
42	Effects of training programs based on ipsilateral voluntary and stimulated contractions on muscle strength and monopodal postural control of the contralateral limb. <i>European Journal of Applied Physiology</i> , 2017, 117, 1799-1806.	2.5	12
43	Relationship between the level of mental fatigue induced by a prolonged cognitive task and the degree of balance disturbance. <i>Experimental Brain Research</i> , 2021, 239, 2273-2283.	1.5	10
44	Effects of unilateral knee extensor muscle fatigue induced by stimulated and voluntary contractions on postural control during bipedal stance. <i>Neurophysiologie Clinique</i> , 2012, 42, 377-383.	2.2	9
45	Adolescents' Sedentary Behaviors in Two European Cities. <i>Research Quarterly for Exercise and Sport</i> , 2015, 86, 233-243.	1.4	9
46	Influence of plantar cutaneous sensitivity on daily fluctuations of postural control and gait in institutionalized older adults: a hierarchical cluster analysis. <i>Chronobiology International</i> , 2019, 36, 870-882.	2.0	9
47	Unilateral and bilateral fatiguing contractions similarly alter postural stability but differently modify postural position on bipedal stance. <i>Human Movement Science</i> , 2013, 32, 353-362.	1.4	8
48	Rugby game performances and weekly workload: Using of data mining process to enter in the complexity. <i>PLoS ONE</i> , 2020, 15, e0228107.	2.5	8
49	Comparison between three strength development methods on body composition in healthy elderly women. <i>Journal of Nutrition, Health and Aging</i> , 2003, 7, 117-9.	3.3	8
50	Stimulated Contractions Delay and Prolong Central Fatigue Compared With Voluntary Contractions in Men. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1378-1383.	2.1	7
51	Time to task failure influences the postural alteration more than the extent of muscles fatigued. <i>Gait and Posture</i> , 2014, 39, 540-546.	1.4	7
52	The difficulty of postural tasks amplifies the effects of fatigue on postural stability. <i>European Journal of Applied Physiology</i> , 2015, 115, 489-495.	2.5	7
53	Warm-up Optimizes Postural Control but Requires Some Minutes of Recovery. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2725-2729.	2.1	7
54	Effect of the application of somatosensory and excitomotor electrical stimulation during quiet upright standing balance. <i>Medical Engineering and Physics</i> , 2021, 87, 82-86.	1.7	7

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55	Methods and Strategies for Reconditioning Motor Output and Postural Balance in Frail Older Subjects Prone to Falls. <i>Frontiers in Physiology</i> , 2021, 12, 700723.	2.8	7
56	Effects of Limb Dominance on Postural Balance in Sportsmen Practicing Symmetric and Asymmetric Sports: A Pilot Study. <i>Symmetry</i> , 2021, 13, 2199.	2.2	7
57	Pre-pubertal males practising Taekwondo exhibit favourable postural and neuromuscular performance. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2016, 8, 16.	1.7	6
58	Physical activity limits the effects of age and Alzheimer's disease on postural control. <i>Neurophysiologie Clinique</i> , 2017, 47, 301-304.	2.2	6
59	Wearing compression garments differently affects monopodal postural balance in high-level athletes. <i>Scientific Reports</i> , 2020, 10, 15331.	3.3	6
60	Acute and chronic neuromuscular electrical stimulation and postural balance: a review. <i>European Journal of Applied Physiology</i> , 2020, 120, 1475-1488.	2.5	6
61	The relationships between knee extensors/ flexors strength and balance control in elite male soccer players. <i>PeerJ</i> , 2021, 9, e12461.	2.0	6
62	Rapid weight loss alters muscular performance and perceived exertion as well as postural control in elite wrestlers. <i>Journal of Sports Medicine and Physical Fitness</i> , 2013, 53, 620-7.	0.7	6
63	Electrical Stimulation Superimposed on Voluntary Training Can Limit Sensory Integration in Neural Adaptations. <i>Journal of Motor Behavior</i> , 2012, 44, 267-268.	0.9	5
64	Optimization of the Effects of Physical Activity on Plantar Sensation and Postural Control With Barefoot Exercises in Institutionalized Older Adults: A Pilot Study. <i>Journal of Aging and Physical Activity</i> , 2019, 27, 452-465.	1.0	5
65	The influence of wearing ski-boots with different rigidity characteristics on postural control. <i>Sports Biomechanics</i> , 2020, 19, 157-167.	1.6	5
66	The Effect of Adding Neuromuscular Electrical Stimulation with Endurance and Resistance Training on Exercise Capacity and Balance in Patients with Chronic Obstructive Pulmonary Disease: A Randomized Controlled Trial. <i>Canadian Respiratory Journal</i> , 2020, 2020, 1-9.	1.6	5
67	Effects of Compression Garments on Balance Control in Young Healthy Active Subjects: A Hierarchical Cluster Analysis. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 582514.	2.0	5
68	Cross-Education Related to the Ipsilateral Limb Activity on Monopodal Postural Control of the Contralateral Limb: A Review. <i>Frontiers in Physiology</i> , 2020, 11, 496.	2.8	5
69	Sensory electrical stimulation and postural balance: a comprehensive review. <i>European Journal of Applied Physiology</i> , 2021, 121, 3261-3281.	2.5	5
70	Neuromuscular or Sensory Electrical Stimulation for Reconditioning Motor Output and Postural Balance in Older Subjects?. <i>Frontiers in Physiology</i> , 2021, 12, 779249.	2.8	5
71	Rehabilitation and Improvement of the Postural Function. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	4
72	Fatigue does not conjointly alter postural and cognitive performance when standing in a shooting position under dual-task conditions. <i>Journal of Sports Sciences</i> , 2018, 36, 1-7.	2.0	4

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73	INFLUENCE OF POSTURAL REGULATION IN MALE JUDOKAS' DIRECTION OF FALLS. <i>Perceptual and Motor Skills</i> , 2005, 101, 885.	1.3	4
74	Complexity of the effects of the electrically-induced muscle fatigue on motor control. <i>Clinical Neurophysiology</i> , 2015, 126, 1464-1465.	1.5	3
75	Vestibular Adaptations Induced by Gentle Physical Activity Are Reduced Among Older Women. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 167.	3.4	3
76	Physiological Profile of Fighters Influences Training Organisation in Combat Sports: Response to Del Vecchio, Hirata, and Franchini (2011). <i>Perceptual and Motor Skills</i> , 2011, 113, 803-804.	1.3	2
77	Regular Muscle Electrical Stimulation Could Act Favorably On Bone Mineral Density in Healthy Aged Subjects. <i>Frontiers in Physiology</i> , 2018, 9, 1035.	2.8	2
78	The optimal exploitation of sensory electrical stimulation for regulating postural balance depends on participants's intrinsic balance abilities. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 88-91.	1.5	2
79	Réponses posturo-cinématiques du judoka en fonction de sa motricité spatio-temporelle en phase offensive. <i>Science Et Motricite</i> , 2002, , 119-124.	0.3	2
80	A Foot-Pointing Task and Spatiotemporal Gait Parameters during Walking in Sportsmen. <i>Perceptual and Motor Skills</i> , 2004, 99, 247-256.	1.3	1
81	The Author's Reply. <i>Sports Medicine</i> , 2008, 38, 438-440.	6.5	1
82	Can Compression Garments Reduce Inter-Limb Balance Asymmetries?. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 835784.	2.0	1
83	Does the time of day differently impact the effects of an exercise program on postural control in older subjects? A pilot study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, 73.	1.7	1
84	Response to Calmet's Comment on Paillard, Et Al. (2005): "Influence of Postural Regulation in Male Judokas' Direction of Falls". <i>Perceptual and Motor Skills</i> , 2007, 104, 481-482.	1.3	0
85	Ski Boots Do Not Impair Standing Balance by Restricting Ankle-Joint Mobility. <i>Human Factors</i> , 2019, 61, 214-224.	3.5	0
86	Local exercise based on voluntary contractions produces greater warm-up effects on balance control than electro-induced contractions. <i>Neuroscience Letters</i> , 2022, 772, 136458.	2.1	0