Francis Degache

List of Publications by Year
in descending order

79 papers	1,232 citations	361413 20 h-index	395702 33 g-index
99 all docs	99 docs citations	99 times ranked	1457 citing authors

#	Article	IF	Citations
1	Study of the Kinetics of the Determinants of Performance During a Mountain Ultramarathon: Multidisciplinary Protocol of the First Trail Scientifique de ClÃ©cy 2021. JMIR Research Protocols, 2022, 11, e38027.	1.0	2
2	Ricondizionamento allo sforzo in traumatologia. EMC - Medicina Riabilitativa, 2021, 28, 1-7.	0.0	0
3	Isocinetismo y kinesiterapia: un enfoque analÃtico para beneficios funcionales. EMC - Kinesiterapia - Medicina FÃsica, 2021, 42, 1-10.	0.1	0
4	Isocinetica e fisioterapia: un approccio analitico per benefici funzionali. EMC - Medicina Riabilitativa, 2021, 28, 1-9.	0.0	0
5	Changes in spatioâ€temporal gait parameters and vertical speed during an extreme mountain ultraâ€marathon. European Journal of Sport Science, 2020, 20, 1339-1345.	2.7	7
6	The fatigue-induced alteration in postural control is larger in hypobaric than in normobaric hypoxia. Scientific Reports, 2020, 10, 483.	3.3	6
7	From Sedentary and Physical Inactive Behaviours to an Ultra Cycling Race: A Mixed-Method Case Report. International Journal of Environmental Research and Public Health, 2020, 17, 502.	2.6	0
8	Postural Control Follows a Bi-Phasic Alteration Pattern During Mountain Ultra-Marathon. Frontiers in Physiology, 2019, 9, 1971.	2.8	6
9	Participating In The Race Across AMerica In A Team Of Eight Cyclists: Do Not Neglect Crew Preparation . Open Access Journal of Sports Medicine, 2019, Volume 10, 161-169.	1.3	2
10	The effects of tandem skiing on posture and heart rate in children with profound intellectual and multiple disabilities. Developmental Neurorehabilitation, 2019, 22, 234-239.	1.1	4
11	Assessment of evertor weakness in patients with chronic ankle instability: Functional versus isokinetic testing. Clinical Biomechanics, 2017, 41, 54-59.	1.2	24
12	The Energetics during the World's Most Challenging Mountain Ultra-Marathonâ€"A Case Study at the Tor des GeantsÂ®. Frontiers in Physiology, 2017, 8, 1003.	2.8	12
13	A Wireless Sensor-Based System for Self-tracking Activity Levels Among Manual Wheelchair Users. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 229-240.	0.3	1
14	External Mechanical Work and Pendular Energy Transduction of Overground and Treadmill Walking in Adolescents with Unilateral Cerebral Palsy. Frontiers in Physiology, 2016, 7, 121.	2.8	17
15	Hamstring Architectural and Functional Adaptations Following Long vs. Short Muscle Length Eccentric Training. Frontiers in Physiology, 2016, 7, 340.	2.8	60
16	Influence of recovery time on strength during a testing protocol of knee. Journal De Traumatologie Du Sport, 2016, 33, 161-166.	0.1	0
17	Running Mechanics During the Worldâ€™s Most Challenging Mountain Ultramarathon. International Journal of Sports Physiology and Performance, 2016, 11, 608-614.	2.3	38
18	Walking-induced muscle fatigue impairs postural control in adolescents with unilateral spastic cerebral palsy. Research in Developmental Disabilities, 2016, 53-54, 11-18.	2.2	12

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19	Sleep-disordered breathing and daytime postural stability. Thorax, 2016, 71, 543-548.	5.6	24
20	Ã‰valuation musculaire isocinÃ©tique appliquÃ©e aux pathologies neurologiques. , 2016, , 223-245.		0
21	Ã‰valuation musculaire isocinÃ©tique appliquÃ©e auÂrachis lombaire. , 2016, , 153-175.		0
22	Ã‰valuation musculaire isocinÃ©tique appliquÃ©e aux pathologies cardio-vasculaires. , 2016, , 247-266.		0
23	IntÃ©rÃªt de lâ€™isocinÃ©tisme pour la rÃ©Ã©ducation. , 2016, , 289-323.		0
24	Ã‰valuation musculaire isocinÃ©tique de la fatigue et gestion du coÃ»t Ã©nergÃ©tique. , 2016, , 267-287.		0
25	Impaired postural stability in sleep disordered breathing patients. Sleep Medicine, 2015, 16, S33-S34.	1.6	0
26	Influence of recovery time on strength during an isokinetic testing protocol of knee. Annals of Physical and Rehabilitation Medicine, 2015, 58, e160-e161.	2.3	0
27	Comparison of Four Sections for Analyzing Running Mechanics Alterations During Repeated Treadmill Sprints. Journal of Applied Biomechanics, 2015, 31, 389-395.	0.8	24
28	The increase in hydric volume is associated to contractile impairment in the calf after the worldâ€™s most extreme mountain ultra-marathon. Extreme Physiology and Medicine, 2015, 4, 18.	2.5	10
29	Serious Games for Rehabilitation Using Head-Mounted Display and Haptic Devices. Lecture Notes in Computer Science, 2015, , 199-219.	1.3	16
30	Fondamenti di biomeccanica. EMC - Medicina Riabilitativa, 2015, 22, 1-7.	0.0	0
31	Fundamentos de biomecÃ¡nica. EMC - Kinesiterapia - Medicina FÃsica, 2015, 36, 1-8.	0.1	3
32	Impaired Neuromuscular Function And Postural Control After A Fatiguing Exercise Performed With The Plantar Flexor Muscles. Medicine and Science in Sports and Exercise, 2015, 47, 327.	0.4	0
33	Effect of sleep disordered breathing on postural stability. , 2015, , .		0
34	Alterations in Postural Control during the World's Most Challenging Mountain Ultra-Marathon. PLoS ONE, 2014, 9, e84554.	2.5	35
35	Sensorimotor control deficiency in recurrent anterior shoulder instability assessed with a stabilometric force platform. Journal of Shoulder and Elbow Surgery, 2014, 23, 355-360.	2.6	24
36	Relevant, less relevant and irrelevant isokinetic strength test parameters: Some critical comments. Movement and Sports Sciences - Science Et Motricite, 2014, , 15-21.	0.3	7

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37	IsocinÃ©tisme et fonction musculaire : de la prÃ©vention Ã la rÃ©habilitation. Movement and Sports Sciences - Science Et Motricite, 2014, , 1-6.	0.3	0
38	Historique et fondamentaux de la technologie isocinÃ©tique appliquÃ©e au mouvement humain. Movement and Sports Sciences - Science Et Motricite, 2014, , 7-14.	0.3	1
39	Approche mÃ©thodologique et application populationnelle des adaptations musculaires isocinÃ©tiques. Movement and Sports Sciences - Science Et Motricite, 2014, , 23-36.	0.3	0
40	Comment concilier recherche de performance sportive et prÃ©vention des accidents tendino-musculaires ?. Movement and Sports Sciences - Science Et Motricite, 2014, , 37-43.	0.3	1
41	Place de lâ€™isocinÃ©tisme dans le processus de rÃ©habilitation de lâ€™insuffisance cardiaque chronique. Movement and Sports Sciences - Science Et Motricite, 2014, , 53-63.	0.3	1
42	Lâ€™Ã©paule du lanceur : quel Ã©quilibre musculaire pour une meilleure performance et la prÃ©vention des blessures ?. Movement and Sports Sciences - Science Et Motricite, 2014, , 45-52.	0.3	2
43	IsocinÃ©tisme et cheville : bilans, rÃ©Ã©ducation et prÃ©vention en traumatologie. Movement and Sports Sciences - Science Et Motricite, 2014, , 65-76.	0.3	2
44	IsocinÃ©tisme et douleurs musculaires dâ€™apparition retardÃ©e. Movement and Sports Sciences - Science Et Motricite, 2014, , 109-119.	0.3	0
45	Bruxisme et rÃ©ponses posturales avant et aprÃ¨s traitement occlusal. Movement and Sports Sciences - Science Et Motricite, 2014, , 81-88.	0.3	0
46	Changes in running mechanics and spring-mass behaviour induced by a 5-hour hilly running bout. Journal of Sports Sciences, 2013, 31, 299-304.	2.0	41
47	Effect of hip flexion angle on hamstring optimum length after a single set of concentric contractions. Journal of Sports Sciences, 2013, 31, 1545-1552.	2.0	13
48	Alterations of Neuromuscular Function after the World's Most Challenging Mountain Ultra-Marathon. PLoS ONE, 2013, 8, e65596.	2.5	100
49	Shoulder Strength Imbalances as Injury Risk in Handball. International Journal of Sports Medicine, 2013, 34, 654-660.	1.7	122
50	Isokinetic rotator muscles fatigue in glenohumeral joint instability before and after <scp>L</scp>atarjet surgery A pilot prospective study. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, e74-80.	2.9	8
51	Relation of Central Fat Mass to Obstructive Sleep Apnea in the Elderly. Sleep, 2013, 36, 501-507.	1.1	39
52	Static and dynamic shoulder stabilizer adaptations in javelin throwers: A preliminary study. Isokinetics and Exercise Science, 2013, 21, 47-55.	0.4	9
53	Recovery of Rotators Strength after Latarjet Surgery. International Journal of Sports Medicine, 2012, 33, 749-755.	1.7	26
54	Hypobaric versus Normobaric Hypoxia: Same Effects on Postural Stability?. High Altitude Medicine and Biology, 2012, 13, 40-45.	0.9	32

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55	Shoulder sensorimotor control assessment by force platform: feasibility and reliability. Clinical Physiology and Functional Imaging, 2012, 32, 409-413.	1.2	13
56	Shoulder muscle strength is correlated with volleyball smash velocity. Annals of Physical and Rehabilitation Medicine, 2012, 55, e258.	2.3	1
57	Reproducibility of the time to peak torque and the joint angle at peak torque on knee of young sportsmen on the isokinetic dynamometer. Annals of Physical and Rehabilitation Medicine, 2012, 55, 241-251.	2.3	21
58	Effects of a 5-h hilly running on ankle plantar and dorsal flexor force and fatigability. European Journal of Applied Physiology, 2012, 112, 2645-2652.	2.5	28
59	Rotator Cuff Strength in Recurrent Anterior Shoulder Instability. Journal of Bone and Joint Surgery - Series A, 2011, 93, 759-765.	3.0	79
60	Le rÃ©entraÃ®nement Ã lâ€™effort chez lâ€™enfant atteint de paralysie cÃ©rÃ©brale (PC). Revue de littÃ©rature. Motricite Cerebrale, 2011, 32, 51-53.	0.0	5
61	The faisability and the effects of cycloergometer interval-training on aerobic capacity and walking performance after stroke. Preliminary study. Annals of Physical and Rehabilitation Medicine, 2011, 54, 3-15.	2.3	19
62	Efficiency of flexible derotator in walking cerebral palsy children. Annals of Physical and Rehabilitation Medicine, 2011, 54, 337-347.	2.3	4
63	Invertor and evertor strength in track and field athletes with functional ankle instability. Isokinetics and Exercise Science, 2011, 19, 91-96.	0.4	19
64	The relationship between muscle strength and physiological age: A cross-sectional study in boys aged from 11 to 15. Annals of Physical and Rehabilitation Medicine, 2010, 53, 180-188.	2.3	22
65	Relationship between strength and functional indexes (Rowe and Walch-Duplay scores) after shoulder surgical stabilization by the Latarjet technique. Annals of Physical and Rehabilitation Medicine, 2010, 53, 499-510.	2.3	32
66	Cardiovascular and metabolic responses during isokinetic shoulder rotators strength testing in healthy subjects. Isokinetics and Exercise Science, 2010, 18, 23-29.	0.4	11
67	Cardiovascular responses during isokinetic knee extension testing in chronic heart failure patients. Isokinetics and Exercise Science, 2009, 17, 63-67.	0.4	9
68	Influence of Rugby Practice on Shoulder Internal and External Rotators Strength. International Journal of Sports Medicine, 2009, 30, 863-867.	1.7	41
69	The effect of gravitational correction on shoulder internal and external rotation strength. Isokinetics and Exercise Science, 2009, 17, 35-39.	0.4	26
70	Running from Paris to Beijing: biomechanical and physiological consequences. European Journal of Applied Physiology, 2009, 107, 731-738.	2.5	44
71	Mise au point sur les positions dâ€™Ã©valuation isocinÃ©tique des muscles rotateurs de lâ€™Ã©paule. Science and Sports, 2009, 24, 207-209.	0.5	8
72	Ã‰tude des relations entre le score de Gillette et la vitesse de marche chez les enfants paralysÃ©s cÃ©rÃ©braux. Motricite Cerebrale, 2009, 30, 97-102.	0.0	3

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73	Enhancement of isokinetic muscle strength with a combined training programme in chronic heart failure. Clinical Physiology and Functional Imaging, 2007, 27, 225-230.	1.2	20
74	Modulations of human autonomic function induced by positive pressure-assisted breathing. Clinical Physiology and Functional Imaging, 2006, 26, 15-20.	1.2	9
75	Endurance training increases aerobic capacity but does not affect isokinetic leg muscle strength in chronic heart failure. Isokinetics and Exercise Science, 2005, 13, 111-117.	0.4	1
76	Relationship between Daily Physical Activity and ANS Activity in Patients with CHF. Medicine and Science in Sports and Exercise, 2005, 37, 1257-1263.	0.4	18
77	A questionnaire-based assessment of daily physical activity in heart failure. European Journal of Heart Failure, 2004, 6, 577-584.	7.1	36
78	DAQIHF: Methodology and Validation of a Daily Activity Questionnaire in Heart Failure. Medicine and Science in Sports and Exercise, 2004, 36, 1275-1282.	0.4	21
79	Determination of isokinetic muscle strength in chronic heart failure patients and in patients with chronic obstructive pulmonary disease. Isokinetics and Exercise Science, 2003, 11, 31-35.	0.4	6