

Francis Degache

List of Publications by Year in descending order

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Version: 2024-02-01

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	Shoulder Strength Imbalances as Injury Risk in Handball. <i>International Journal of Sports Medicine</i> , 2013, 34, 654-660.	1.7	122
2	Alterations of Neuromuscular Function after the World's Most Challenging Mountain Ultra-Marathon. <i>PLoS ONE</i> , 2013, 8, e65596.	2.5	100
3	Rotator Cuff Strength in Recurrent Anterior Shoulder Instability. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 759-765.	3.0	79
4	Hamstring Architectural and Functional Adaptations Following Long vs. Short Muscle Length Eccentric Training. <i>Frontiers in Physiology</i> , 2016, 7, 340.	2.8	60
5	Running from Paris to Beijing: biomechanical and physiological consequences. <i>European Journal of Applied Physiology</i> , 2009, 107, 731-738.	2.5	44
6	Influence of Rugby Practice on Shoulder Internal and External Rotators Strength. <i>International Journal of Sports Medicine</i> , 2009, 30, 863-867.	1.7	41
7	Changes in running mechanics and spring-mass behaviour induced by a 5-hour hilly running bout. <i>Journal of Sports Sciences</i> , 2013, 31, 299-304.	2.0	41
8	Relation of Central Fat Mass to Obstructive Sleep Apnea in the Elderly. <i>Sleep</i> , 2013, 36, 501-507.	1.1	39
9	Running Mechanics During the World's Most Challenging Mountain Ultramarathon. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 608-614.	2.3	38
10	A questionnaire-based assessment of daily physical activity in heart failure. <i>European Journal of Heart Failure</i> , 2004, 6, 577-584.	7.1	36
11	Alterations in Postural Control during the World's Most Challenging Mountain Ultra-Marathon. <i>PLoS ONE</i> , 2014, 9, e84554.	2.5	35
12	Relationship between strength and functional indexes (Rowe and Walch-Duplay scores) after shoulder surgical stabilization by the Latarjet technique. <i>Annals of Physical and Rehabilitation Medicine</i> , 2010, 53, 499-510.	2.3	32
13	Hypobaric versus Normobaric Hypoxia: Same Effects on Postural Stability?. <i>High Altitude Medicine and Biology</i> , 2012, 13, 40-45.	0.9	32
14	Effects of a 5-h hilly running on ankle plantar and dorsal flexor force and fatigability. <i>European Journal of Applied Physiology</i> , 2012, 112, 2645-2652.	2.5	28
15	The effect of gravitational correction on shoulder internal and external rotation strength. <i>Isokinetics and Exercise Science</i> , 2009, 17, 35-39.	0.4	26
16	Recovery of Rotators Strength after Latarjet Surgery. <i>International Journal of Sports Medicine</i> , 2012, 33, 749-755.	1.7	26
17	Sensorimotor control deficiency in recurrent anterior shoulder instability assessed with a stabilometric force platform. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 355-360.	2.6	24
18	Comparison of Four Sections for Analyzing Running Mechanics Alterations During Repeated Treadmill Sprints. <i>Journal of Applied Biomechanics</i> , 2015, 31, 389-395.	0.8	24

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19	Sleep-disordered breathing and daytime postural stability. <i>Thorax</i> , 2016, 71, 543-548.	5.6	24
20	Assessment of evertor weakness in patients with chronic ankle instability: Functional versus isokinetic testing. <i>Clinical Biomechanics</i> , 2017, 41, 54-59.	1.2	24
21	The relationship between muscle strength and physiological age: A cross-sectional study in boys aged from 11 to 15. <i>Annals of Physical and Rehabilitation Medicine</i> , 2010, 53, 180-188.	2.3	22
22	DAQIHF: Methodology and Validation of a Daily Activity Questionnaire in Heart Failure. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1275-1282.	0.4	21
23	Reproducibility of the time to peak torque and the joint angle at peak torque on knee of young sportsmen on the isokinetic dynamometer. <i>Annals of Physical and Rehabilitation Medicine</i> , 2012, 55, 241-251.	2.3	21
24	Enhancement of isokinetic muscle strength with a combined training programme in chronic heart failure. <i>Clinical Physiology and Functional Imaging</i> , 2007, 27, 225-230.	1.2	20
25	The faisability and the effects of cycloergometer interval-training on aerobic capacity and walking performance after stroke. Preliminary study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2011, 54, 3-15.	2.3	19
26	Invertor and evertor strength in track and field athletes with functional ankle instability. <i>Isokinetics and Exercise Science</i> , 2011, 19, 91-96.	0.4	19
27	Relationship between Daily Physical Activity and ANS Activity in Patients with CHF. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1257-1263.	0.4	18
28	External Mechanical Work and Pendular Energy Transduction of Overground and Treadmill Walking in Adolescents with Unilateral Cerebral Palsy. <i>Frontiers in Physiology</i> , 2016, 7, 121.	2.8	17
29	Serious Games for Rehabilitation Using Head-Mounted Display and Haptic Devices. <i>Lecture Notes in Computer Science</i> , 2015, , 199-219.	1.3	16
30	Shoulder sensorimotor control assessment by force platform: feasibility and reliability. <i>Clinical Physiology and Functional Imaging</i> , 2012, 32, 409-413.	1.2	13
31	Effect of hip flexion angle on hamstring optimum length after a single set of concentric contractions. <i>Journal of Sports Sciences</i> , 2013, 31, 1545-1552.	2.0	13
32	Walking-induced muscle fatigue impairs postural control in adolescents with unilateral spastic cerebral palsy. <i>Research in Developmental Disabilities</i> , 2016, 53-54, 11-18.	2.2	12
33	The Energetics during the World's Most Challenging Mountain Ultra-Marathon – A Case Study at the Tor des Geants®. <i>Frontiers in Physiology</i> , 2017, 8, 1003.	2.8	12
34	Cardiovascular and metabolic responses during isokinetic shoulder rotators strength testing in healthy subjects. <i>Isokinetics and Exercise Science</i> , 2010, 18, 23-29.	0.4	11
35	The increase in hydric volume is associated to contractile impairment in the calf after the world's most extreme mountain ultra-marathon. <i>Extreme Physiology and Medicine</i> , 2015, 4, 18.	2.5	10
36	Modulations of human autonomic function induced by positive pressure-assisted breathing. <i>Clinical Physiology and Functional Imaging</i> , 2006, 26, 15-20.	1.2	9

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37	Cardiovascular responses during isokinetic knee extension testing in chronic heart failure patients. <i>Isokinetics and Exercise Science</i> , 2009, 17, 63-67.	0.4	9
38	Static and dynamic shoulder stabilizer adaptations in javelin throwers: A preliminary study. <i>Isokinetics and Exercise Science</i> , 2013, 21, 47-55.	0.4	9
39	Mise au point sur les positions d'evaluation isocinétique des muscles rotateurs de l'épaule. <i>Science and Sports</i> , 2009, 24, 207-209.	0.5	8
40	Isokinetic rotator muscles fatigue in glenohumeral joint instability before and after arthroscopic surgery A pilot prospective study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, e74-80.	2.9	8
41	Relevant, less relevant and irrelevant isokinetic strength test parameters: Some critical comments. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 15-21.	0.3	7
42	Changes in spatio-temporal gait parameters and vertical speed during an extreme mountain ultramarathon. <i>European Journal of Sport Science</i> , 2020, 20, 1339-1345.	2.7	7
43	Determination of isokinetic muscle strength in chronic heart failure patients and in patients with chronic obstructive pulmonary disease. <i>Isokinetics and Exercise Science</i> , 2003, 11, 31-35.	0.4	6
44	Postural Control Follows a Bi-Phasic Alteration Pattern During Mountain Ultra-Marathon. <i>Frontiers in Physiology</i> , 2019, 9, 1971.	2.8	6
45	The fatigue-induced alteration in postural control is larger in hypobaric than in normobaric hypoxia. <i>Scientific Reports</i> , 2020, 10, 483.	3.3	6
46	Le centrage de l'effort chez l'enfant atteint de paralysie cérébrale (PC). <i>Revue de littérature Motricite Cerebrale</i> , 2011, 32, 51-53.	0.0	5
47	Efficiency of flexible derotator in walking cerebral palsy children. <i>Annals of Physical and Rehabilitation Medicine</i> , 2011, 54, 337-347.	2.3	4
48	The effects of tandem skiing on posture and heart rate in children with profound intellectual and multiple disabilities. <i>Developmental Neurorehabilitation</i> , 2019, 22, 234-239.	1.1	4
49	Étude des relations entre le score de Gillette et la vitesse de marche chez les enfants paralysés cérébraux. <i>Motricite Cerebrale</i> , 2009, 30, 97-102.	0.0	3
50	Fundamentos de biomecânica. <i>EMC - Kinesiterapia - Medicina Física</i> , 2015, 36, 1-8.	0.1	3
51	L'épaule du lanceur : quel équilibre musculaire pour une meilleure performance et la prévention des blessures ?. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 45-52.	0.3	2
52	Isocinétisme et cheville : bilans, éducation et prévention en traumatologie. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 65-76.	0.3	2
53	Participating In The Race Across AMerica In A Team Of Eight Cyclists: Do Not Neglect Crew Preparation. <i>Open Access Journal of Sports Medicine</i> , 2019, Volume 10, 161-169.	1.3	2
54	Study of the Kinetics of the Determinants of Performance During a Mountain Ultramarathon: Multidisciplinary Protocol of the First Trail Scientifique de Cluses 2021. <i>JMIR Research Protocols</i> , 2022, 11, e38027.	1.0	2

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55	Endurance training increases aerobic capacity but does not affect isokinetic leg muscle strength in chronic heart failure. <i>Isokinetics and Exercise Science</i> , 2005, 13, 111-117.	0.4	1
56	Shoulder muscle strength is correlated with volleyball smash velocity. <i>Annals of Physical and Rehabilitation Medicine</i> , 2012, 55, e258.	2.3	1
57	Historique et fondamentaux de la technologie isocinétique appliquée au mouvement humain. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 7-14.	0.3	1
58	Comment concilier recherche de performance sportive et prévention des accidents tendino-musculaires ?. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 37-43.	0.3	1
59	Place de l'isocinétisme dans le processus de réhabilitation de l'insuffisance cardiaque chronique. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 53-63.	0.3	1
60	A Wireless Sensor-Based System for Self-tracking Activity Levels Among Manual Wheelchair Users. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017, , 229-240.	0.3	1
61	Isocinétisme et fonction musculaire : de la prévention à la réhabilitation. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 1-6.	0.3	0
62	Approche méthodologique et application populationnelle des adaptations musculaires isocinétiques. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 23-36.	0.3	0
63	Isocinétisme et douleurs musculaires d'apparition retardée. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 109-119.	0.3	0
64	Bruxisme et réponses posturales avant et après traitement occlusal. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2014, , 81-88.	0.3	0
65	Impaired postural stability in sleep disordered breathing patients. <i>Sleep Medicine</i> , 2015, 16, S33-S34.	1.6	0
66	Influence of recovery time on strength during an isokinetic testing protocol of knee. <i>Annals of Physical and Rehabilitation Medicine</i> , 2015, 58, e160-e161.	2.3	0
67	Fondamenti di biomeccanica. <i>EMC - Medicina Riabilitativa</i> , 2015, 22, 1-7.	0.0	0
68	Influence of recovery time on strength during a testing protocol of knee. <i>Journal De Traumatologie Du Sport</i> , 2016, 33, 161-166.	0.1	0
69	Ricondizionamento allo sforzo in traumatologia. <i>EMC - Medicina Riabilitativa</i> , 2021, 28, 1-7.	0.0	0
70	Isocinetismo y kinesiterapia: un enfoque analítico para beneficios funcionales. <i>EMC - Kinesiterapia - Medicina Física</i> , 2021, 42, 1-10.	0.1	0
71	Isocinetica e fisioterapia: un approccio analitico per benefici funzionali. <i>EMC - Medicina Riabilitativa</i> , 2021, 28, 1-9.	0.0	0
72	Impaired Neuromuscular Function And Postural Control After A Fatiguing Exercise Performed With The Plantar Flexor Muscles. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 327.	0.4	0

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73	Effect of sleep disordered breathing on postural stability. , 2015, , .		0
74	Ã%valuation musculaire isocinÃ©tique appliquÃ©e aux pathologies neurologiques. , 2016, , 223-245.		0
75	Ã%valuation musculaire isocinÃ©tique appliquÃ©e auÃ©rachis lombaire. , 2016, , 153-175.		0
76	Ã%valuation musculaire isocinÃ©tique appliquÃ©e aux pathologies cardio-vasculaires. , 2016, , 247-266.		0
77	IntÃ©rÃ©t de lâ€™isocinÃ©tisme pour la rÃ©Ã©ducation. , 2016, , 289-323.		0
78	Ã%valuation musculaire isocinÃ©tique de la fatigue et gestion du coÃ»t Ã©nergÃ©tique. , 2016, , 267-287.		0
79	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