

Graham K Kerr

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

5,080
citations

117625

34
h-index

95266

68
g-index

93
all docs

93
docs citations

93
times ranked

6225
citing authors

#	ARTICLE	IF	CITATIONS
1	A meta-analysis of six prospective studies of falling in Parkinson's disease. <i>Movement Disorders</i> , 2007, 22, 1892-1900.	3.9	450
2	Predictors of future falls in Parkinson disease. <i>Neurology</i> , 2010, 75, 116-124.	1.1	443
3	Autologous olfactory ensheathing cell transplantation in human paraplegia: a 3-year clinical trial. <i>Brain</i> , 2008, 131, 2376-2386.	7.6	390
4	A Critical Review of Consumer Wearables, Mobile Applications, and Equipment for Providing Biofeedback, Monitoring Stress, and Sleep in Physically Active Populations. <i>Frontiers in Physiology</i> , 2018, 9, 743.	2.8	317
5	Impact of the Nordic hamstring and hip extension exercises on hamstring architecture and morphology: implications for injury prevention. <i>British Journal of Sports Medicine</i> , 2017, 51, 469-477.	6.7	195
6	Proprioceptive consequences of tendon vibration during movement. <i>Journal of Neurophysiology</i> , 1995, 74, 1675-1688.	1.8	173
7	Pedunculopontine Nucleus Stimulation Improves Gait Freezing in Parkinson Disease. <i>Neurosurgery</i> , 2011, 69, 1248-1254.	1.1	150
8	A biomechanical analysis of the sticking region in the bench press. <i>Medicine and Science in Sports and Exercise</i> , 1989, 21, 450-462.	0.4	146
9	Risk of Falls, Injurious Falls, and Other Injuries Resulting from Visual Impairment among Older Adults with Age-Related Macular Degeneration. , 2011, 52, 5088.		139
10	A Multidomain Approach for Predicting Older Driver Safety Under In-Traffic Road Conditions. <i>Journal of the American Geriatrics Society</i> , 2008, 56, 986-993.	2.6	135
11	Impact of exercise selection on hamstring muscle activation. <i>British Journal of Sports Medicine</i> , 2017, 51, 1021-1028.	6.7	133
12	A spatiotemporal analysis of gait freezing and the impact of pedunculopontine nucleus stimulation. <i>Brain</i> , 2012, 135, 1446-1454.	7.6	129
13	Skeletal muscle phenotype is associated with exercise tolerance in patients with peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2005, 41, 802-807.	1.1	124
14	Different cognitive profiles for single compared with recurrent fallers without dementia. <i>Neuropsychology</i> , 2009, 23, 500-508.	1.3	103
15	Enhanced somatosensory information decreases postural sway in older people. <i>Gait and Posture</i> , 2012, 35, 630-635.	1.4	102
16	Prevalence of malnutrition in Parkinson's disease: a systematic review. <i>Nutrition Reviews</i> , 2011, 69, 520-532.	5.8	100
17	Falls in Parkinson's disease: Kinematic evidence for impaired head and trunk control. <i>Movement Disorders</i> , 2010, 25, 2369-2378.	3.9	99
18	Predictors of driving assessment outcome in Parkinson's disease. <i>Movement Disorders</i> , 2006, 21, 230-235.	3.9	89

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19	Reactive stepping behaviour in response to forward loss of balance predicts future falls in community-dwelling older adults. <i>Age and Ageing</i> , 2015, 44, 109-115.	1.6	89
20	Postural Stability and Gait among Older Adults with Age-Related Maculopathy. , 2009, 50, 482.		83
21	Evaluating the effectiveness of a self-management exercise intervention on wound healing, functional ability and health-related quality of life outcomes in adults with venous leg ulcers: a randomised controlled trial. <i>International Wound Journal</i> , 2017, 14, 130-137.	2.9	72
22	Pedunculopontine nucleus deep brain stimulation produces sustained improvement in primary progressive freezing of gait. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 1256-1259.	1.9	63
23	Malnutrition in a Sample of Community-Dwelling People with Parkinson's Disease. <i>PLoS ONE</i> , 2013, 8, e53290.	2.5	62
24	Melanopsin-mediated pupil function is impaired in Parkinson's disease. <i>Scientific Reports</i> , 2018, 8, 7796.	3.3	58
25	Dynamics of corticospinal motor control during overground and treadmill walking in humans. <i>Journal of Neurophysiology</i> , 2018, 120, 1017-1031.	1.8	56
26	Acute Effects of Nitrate-Rich Beetroot Juice on Blood Pressure, Hemostasis and Vascular Inflammation Markers in Healthy Older Adults: A Randomized, Placebo-Controlled Crossover Study. <i>Nutrients</i> , 2017, 9, 1270.	4.1	53
27	Markers of Disease Severity Are Associated with Malnutrition in Parkinson's Disease. <i>PLoS ONE</i> , 2013, 8, e57986.	2.5	53
28	Effects of Textured Insoles on Balance in People with Parkinson's Disease. <i>PLoS ONE</i> , 2013, 8, e83309.	2.5	52
29	Effects of Dance on Gait, Cognition, and Dual-Tasking in Parkinson's Disease: A Systematic Review and Meta-Analysis. <i>Journal of Parkinson's Disease</i> , 2019, 9, 335-349.	2.8	52
30	Effects of Resistance Training on Measures of Muscular Strength in People with Parkinson's Disease: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0132135.	2.5	46
31	Improved nutritional status is related to improved quality of life in Parkinson's disease. <i>BMC Neurology</i> , 2014, 14, 212.	1.8	43
32	Visuo-motor adaptation during inactivation of the cerebellar nuclei: A preliminary report. <i>Human Movement Science</i> , 1993, 12, 71-83.	1.4	42
33	Corticomuscular control of walking in older people and people with Parkinson's disease. <i>Scientific Reports</i> , 2020, 10, 2980.	3.3	41
34	Proprioceptive coordination of discrete movement sequences: mechanism and generality. <i>Canadian Journal of Physiology and Pharmacology</i> , 1995, 73, 305-315.	1.4	38
35	Comparison of Self-Reported Crashes, State Crash Records and an On-Road Driving Assessment in a Population-Based Sample of Drivers Aged 69-95 Years. <i>Traffic Injury Prevention</i> , 2009, 10, 84-90.	1.4	37
36	Bilateral tremor relations in Parkinson's disease: Effects of mechanical coupling and medication. <i>Parkinsonism and Related Disorders</i> , 2008, 14, 298-308.	2.2	35

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37	The On-Road Difficulties of Older Drivers and Their Relationship with Self-Reported Motor Vehicle Crashes. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 2062-2069.	2.6	35
38	Coupling between limb tremor and postural sway in Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 386-394.	3.9	34
39	Differential time- and frequency-dependent structure of postural sway and finger tremor in Parkinson's disease. <i>Neuroscience Letters</i> , 2008, 443, 123-128.	2.1	34
40	Falls in Parkinson's disease: Evidence for altered stepping strategies on compliant surfaces. <i>Parkinsonism and Related Disorders</i> , 2011, 17, 610-616.	2.2	34
41	Effects of Increasing Neuromuscular Electrical Stimulation Current Intensity on Cortical Sensorimotor Network Activation: A Time Domain fNIRS Study. <i>PLoS ONE</i> , 2015, 10, e0131951.	2.5	33
42	Could Heat Therapy Be an Effective Treatment for Alzheimer's and Parkinson's Diseases? A Narrative Review. <i>Frontiers in Physiology</i> , 2019, 10, 1556.	2.8	31
43	Bar Path and Force Profile Characteristics for Maximal and Submaximal Loads in the Bench Press. <i>International Journal of Sport Biomechanics</i> , 1989, 5, 390-402.	2.0	30
44	Velocity Perception and Proprioception. <i>Advances in Experimental Medicine and Biology</i> , 2002, 508, 79-86.	1.6	25
45	The Role of Textured Material in Supporting Perceptual-Motor Functions. <i>PLoS ONE</i> , 2013, 8, e60349.	2.5	24
46	Concurrent Validity of Accelerations Measured Using a Tri-Axial Inertial Measurement Unit while Walking on Firm, Compliant and Uneven Surfaces. <i>PLoS ONE</i> , 2014, 9, e98395.	2.5	22
47	Testing the effectiveness of a self-efficacy based exercise intervention for adults with venous leg ulcers: protocol of a randomised controlled trial. <i>BMC Dermatology</i> , 2014, 14, 16.	2.1	22
48	Malnutrition and falls risk in community-dwelling older adults. <i>Journal of Nutrition, Health and Aging</i> , 2013, 17, 277-279.	3.3	21
49	The effects of prolonged wear of textured shoe insoles on gait, foot sensation and proprioception in people with multiple sclerosis: study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 208.	1.6	21
50	Analysis of Relations between Spatiotemporal Movement Regulation and Performance of Discrete Actions Reveals Functionality in Skilled Climbing. <i>Frontiers in Psychology</i> , 2017, 8, 1744.	2.1	21
51	The effect of extended wake on postural control in young adults. <i>Experimental Brain Research</i> , 2012, 221, 329-335.	1.5	20
52	Executive Function and Postural Instability in People with Parkinson's Disease. <i>Parkinson's Disease</i> , 2014, 2014, 1-8.	1.1	19
53	Dance improves symptoms, functional mobility and fine manual dexterity in people with Parkinson disease: a quasi-experimental controlled efficacy study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2020, 56, 563-574.	2.2	19
54	Center of Pressure Motion After Calf Vibration Is More Random in Fallers Than Non-fallers: Prospective Study of Older Individuals. <i>Frontiers in Physiology</i> , 2018, 9, 273.	2.8	18

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55	Cardiovascular autonomic responses in patients with Parkinson disease to pedunculopontine deep brain stimulation. <i>Clinical Autonomic Research</i> , 2019, 29, 615-624.	2.5	14
56	Voluntary Activation and Reflex Responses after Hamstring Strain Injury. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1862-1869.	0.4	14
57	Compression and texture in socks enhance football kicking performance. <i>Human Movement Science</i> , 2016, 48, 102-111.	1.4	13
58	Ocular limit cycles induced by delayed retinal feedback. <i>Experimental Brain Research</i> , 1993, 96, 173-180.	1.5	12
59	Contributions of vision-proprioception interactions to the estimation of time-varying hand and target locations. <i>Experimental Brain Research</i> , 2009, 195, 371-382.	1.5	12
60	Variability, regularity and coupling measures distinguish PD tremor from voluntary 5Hz tremor. <i>Neuroscience Letters</i> , 2013, 534, 69-74.	2.1	12
61	Nutritional status in Parkinson's disease patients undergoing deep brain stimulation surgery: A pilot study. <i>Journal of Nutrition, Health and Aging</i> , 2013, 17, 148-151.	3.3	11
62	Nutrition screening and assessment in Parkinson's disease: A comparison of methods. <i>E-SPEN Journal</i> , 2013, 8, e187-e192.	0.5	11
63	Melanopsin Cell Dysfunction is Involved in Sleep Disruption in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2020, 10, 1467-1476.	2.8	11
64	Using a theoretical approach to identify factors influencing adherence to an exercise programme for adults with venous leg ulcers. <i>Journal of Health Psychology</i> , 2018, 23, 691-700.	2.3	9
65	A Brief Review of the Application of Neuroergonomics in Skilled Cognition During Expert Sports Performance. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 278.	2.0	9
66	Reliability of recurrence quantification analysis of postural sway data. A comparison of two methods to determine recurrence thresholds. <i>Journal of Biomechanics</i> , 2020, 107, 109793.	2.1	9
67	Cerebral Cortex Activation Mapping upon Electrical Muscle Stimulation by 32-Channel Time-Domain Functional Near-Infrared Spectroscopy. <i>Advances in Experimental Medicine and Biology</i> , 2013, 789, 441-447.	1.6	7
68	Changes in organisation of instep kicking as a function of wearing compression and textured materials. <i>European Journal of Sport Science</i> , 2017, 17, 294-302.	2.7	7
69	Functional near-infrared spectroscopy to probe sensorimotor region activation during electrical stimulation-evoked movement. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 816-822.	1.2	7
70	Pleasurable challenges: competing with the ageing body and mind through Ballet for Seniors. <i>Leisure Studies</i> , 2020, 39, 532-544.	1.9	7
71	Effects of horizontal distance and limb crossing on perceived hand spacing and ownership: Differential sensory processing across hand configurations. <i>Scientific Reports</i> , 2018, 8, 17699.	3.3	6
72	The hidden hand is perceived closer to midline. <i>Experimental Brain Research</i> , 2019, 237, 1773-1779.	1.5	6

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73	Electromyographic activity in lower limb muscles is temporally associated with the slow phase of oxygen uptake during cycling. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 20, 310-319.	2.9	5
74	Effects of transcranial direct current stimulation on gait in people with Parkinson's disease: study protocol for a randomized, controlled clinical trial. <i>Trials</i> , 2018, 19, 661.	1.6	5
75	Movement refractoriness: The influence of response structure and speed. <i>Human Movement Science</i> , 1985, 4, 203-228.	1.4	4
76	A numerical simulation of muscle spindle ensemble encoding during planar movement of the human arm. <i>Biological Cybernetics</i> , 1996, 75, 339-350.	1.3	4
77	A numerical simulation of muscle spindle ensemble encoding during planar movement of the human arm: correlation sensitivity and parameter dependence. <i>Biological Cybernetics</i> , 1996, 75, 351-359.	1.3	4
78	The pattern of coupling dynamics between postural motion, isotonic hand movements and physiological tremor. <i>Neuroscience Letters</i> , 2014, 580, 41-46.	2.1	4
79	Textured shoe insoles to improve balance performance in adults with diabetic peripheral neuropathy: study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e026240.	1.9	4
80	Chapter 9 Visuomotor Control in Goal-Directed Movements. <i>Advances in Psychology</i> , 1992, 84, 253-287.	0.1	3
81	Amplitude Scaling Compensates for Serial Delays in Correcting Eye and Arm Movements. <i>Journal of Motor Behavior</i> , 1995, 27, 349-365.	0.9	3
82	Does activity level mediate or suppress the association between fear of falling and falls?. <i>Preventive Medicine</i> , 2008, 46, 609.	3.4	3
83	Dual-task walking reduces lower limb range of motion in individuals with Parkinson's disease and freezing of gait: But does it happen during what events through the gait cycle?. <i>PLoS ONE</i> , 2020, 15, e0243133.	2.5	2
84	Lower knee flexion and hip extension rate of torque development in athletes with previous hamstring strain injury. <i>Journal of Sports Sciences</i> , 2021, , 1-8.	2.0	2
85	Corrections to unexpected visual changes in the perceived position of the hand during rapid movements. <i>Human Movement Science</i> , 1996, 15, 763-786.	1.4	1
86	Proprioception and Stimulus-Response Compatibility. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2000, 53, 69-83.	2.3	1
87	Towards functional movement: Implications for research and therapy. <i>Behavioral and Brain Sciences</i> , 1996, 19, 92-94.	0.7	0
88	Anticipatory and Reactive Response to Falls: Muscle Synergy Activation of Forearm Muscles. <i>Hand Surgery</i> , 2015, 20, 343-351.	0.6	0
89	Infographic. Impact of the Nordic hamstring and hip extension exercises on hamstring architecture and morphology: implications for injury prevention. <i>British Journal of Sports Medicine</i> , 2018, 52, 1490-1491.	6.7	0