Stuart Goodall

List of Publications by Year in descending order

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97 papers	3,199 citations	126858 33 h-index	168321 53 g-index
98 all docs	98 docs citations	98 times ranked	2804 citing authors

#	Article	IF	Citations
1	Drop jumps versus sled towing and their effects on repeated sprint ability in young basketball players. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 4.	0.7	9
2	Corticospinal and peripheral responses to heat-induced hypo-hydration: potential physiological mechanisms and implications for neuromuscular function. European Journal of Applied Physiology, 2022, 122, 1797-1810.	1.2	1
3	Does the reticulospinal tract mediate adaptation to resistance training in humans?. Journal of Applied Physiology, 2022, 133, 689-696.	1.2	7
4	Effects of maximal-versus submaximal-intent resistance training on functional capacity and strength in community-dwelling older adults: a systematic review and meta-analysis. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, .	0.7	1
5	Reply to: Comment on: â€œThe Effects of Menstrual Cycle Phase on Exercise Performance in Eumenorrheic Women: A Systematic Review and Meta-Analysisâ€•and â€œThe Effects of Oral Contraceptives on Exercise Performance in Women: A Systematic Review and Meta-analysisâ€• Sports Medicine, 2021, 51, 1111-1113.	3.1	4
6	The Relationship Between Neuromuscular Function and the Wâ€² in Elite Cyclists. International Journal of Sports Physiology and Performance, 2021, 16, 1656-1662.	1.1	5
7	Improved 2000-m Rowing Performance in a Cool Environment With an External Heating Garment. International Journal of Sports Physiology and Performance, 2021, 16, 103-109.	1.1	4
8	Neurostructural and Neurophysiological Correlates of Multiple Sclerosis Physical Fatigue: Systematic Review and Meta-Analysis of Cross-Sectional Studies. Neuropsychology Review, 2021, , 1.	2.5	12
9	The influence of resistance training on neuromuscular function in middle-aged and older adults: A systematic review and meta-analysis of randomised controlled trials.. Experimental Gerontology, 2021, 149, 111320.	1.2	4
10	Oxygen availability affects exercise capacity, but not neuromuscular fatigue characteristics of knee extensors, during exhaustive intermittent cycling. European Journal of Applied Physiology, 2021, 121, 95-107.	1.2	3
11	Acute Resveratrol Administration Increases Neural Effort but Not Whole Body Metabolism or Cognitive Performance in Healthy, Young Participants. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2020, 4, 315-322.	0.8	1
12	Mechanical and morphological determinants of peak power output in elite cyclists. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 227-237.	1.3	36
13	Corticospinal responses during passive shortening and lengthening of tibialis anterior and soleus in older compared to younger adults. Experimental Physiology, 2020, 105, 419-426.	0.9	3
14	Physiological sex differences affect the integrative response to exercise: acute and chronic implications. Experimental Physiology, 2020, 105, 2007-2021.	0.9	165
15	The Effects of Oral Contraceptives on Exercise Performance in Women: A Systematic Review and Meta-analysis. Sports Medicine, 2020, 50, 1785-1812.	3.1	118
16	Sex differences in fatigability following exercise normalised to the powerâ€“duration relationship. Journal of Physiology, 2020, 598, 5717-5737.	1.3	45
17	Sex Differences In Fatigability During Metabolically-matched Locomotor Exercise: An Integrative Approach. Medicine and Science in Sports and Exercise, 2020, 52, 1052-1052.	0.2	0
18	Taskâ€specific strength increases after lowerâ€limb compound resistance training occurred in the absence of corticospinal changes in vastus lateralis. Experimental Physiology, 2020, 105, 1132-1150.	0.9	23

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19	Cyclingâ€specific isometric resistance trainingÂimprovesÂpeak power output in elite sprint cyclists. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1594-1604.	1.3	26
20	The Effects of Menstrual Cycle Phase on Exercise Performance in Eumenorrheic Women: A Systematic Review and Meta-Analysis. Sports Medicine, 2020, 50, 1813-1827.	3.1	259
21	Testing traditions in cycling: newspapers are effective thermal insulators during simulated downhill cycling. Journal of Sports Medicine and Physical Fitness, 2020, 61, 109-116.	0.4	0
22	Corticospinal excitability of tibialis anterior and soleus differs during passive ankle movement. Experimental Brain Research, 2019, 237, 2239-2254.	0.7	9
23	Sex differences in fatigability and recovery relative to the intensityâ€“duration relationship. Journal of Physiology, 2019, 597, 5577-5595.	1.3	69
24	Compound maximal motor unit response is modulated by contraction intensity, but not contraction type in tibialis anterior. Physiological Reports, 2019, 7, e14201.	0.7	0
25	Neurophysiological responses and adaptation following repeated bouts of maximal lengthening contractions in young and older adults. Journal of Applied Physiology, 2019, 127, 1224-1237.	1.2	11
26	The Effect of Phase Change Material on Recovery of Neuromuscular Function Following Competitive Soccer Match-Play. Frontiers in Physiology, 2019, 10, 647.	1.3	10
27	Menstrual cycle-associated modulations in neuromuscular function and fatigability of the knee extensors in eumenorrheic women. Journal of Applied Physiology, 2019, 126, 1701-1712.	1.2	113
28	Reliability of traditional and task specific reference tasks to assess peak muscle activation during two different sprint cycling tests. Journal of Electromyography and Kinesiology, 2019, 46, 41-48.	0.7	5
29	Exploring the Efficacy of a Safe Cryotherapy Alternative: Physiological Temperature Changes From Cold-Water Immersion Versus Prolonged Cooling of Phase-Change Material. International Journal of Sports Physiology and Performance, 2019, 14, 1288-1296.	1.1	9
30	Reduced corticospinal responses in older compared with younger adults during submaximal isometric, shortening, and lengthening contractions. Journal of Applied Physiology, 2019, 126, 1015-1031.	1.2	16
31	Isovelocity vs. Isoinertial Sprint Cycling Tests for Power- and Torque-cadence Relationships. International Journal of Sports Medicine, 2019, 40, 897-902.	0.8	8
32	Physiological Determinants of Peak Power Output in Elite Cyclists. Medicine and Science in Sports and Exercise, 2019, 51, 638-638.	0.2	0
33	Methodological issues influence determination of critical force during intermittent exercise: authorsâ€™ reply. Journal of Physiology, 2019, 597, 5987-5989.	1.3	3
34	Electrical stimulation of human corticospinal axons at the level of the lumbar spinal segments. European Journal of Neuroscience, 2019, 49, 1254-1267.	1.2	16
35	Enhancement of Exercise Capacity in the Heat With Repeated Menthol-Spray Application. International Journal of Sports Physiology and Performance, 2019, 14, 644-649.	1.1	7
36	The acclimatised spinal cord. Journal of Physiology, 2018, 596, 2949-2950.	1.3	0

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37	Modulation of specific inhibitory networks in fatigued locomotor muscles of healthy males. Experimental Brain Research, 2018, 236, 463-473.	0.7	40
38	Deception Improves Time Trial Performance in Well-trained Cyclists without Augmented Fatigue. Medicine and Science in Sports and Exercise, 2018, 50, 809-816.	0.2	15
39	Corticospinal excitability during shortening and lengthening actions with incremental torque output. Experimental Physiology, 2018, 103, 1586-1592.	0.9	9
40	An optimal protocol for measurement of corticospinal excitability, short intracortical inhibition and intracortical facilitation in the rectus femoris. Journal of the Neurological Sciences, 2018, 394, 45-56.	0.3	35
41	The effect of hot and cold drinks on thermoregulation, perception, and performance: the role of the gut in thermoreception. European Journal of Applied Physiology, 2018, 118, 2643-2654.	1.2	8
42	Performance Fatigability Is Not Regulated to A Peripheral Critical Threshold. Exercise and Sport Sciences Reviews, 2018, 46, 240-246.	1.6	52
43	Differences in force normalising procedures during submaximal anisometric contractions. Journal of Electromyography and Kinesiology, 2018, 41, 82-88.	0.7	4
44	Motor cortical and corticospinal function differ during an isometric squat compared with isometric knee extension. Experimental Physiology, 2018, 103, 1251-1263.	0.9	22
45	Neuromuscular Fatigue and Recovery after Heavy Resistance, Jump, and Sprint Training. Medicine and Science in Sports and Exercise, 2018, 50, 2526-2535.	0.2	44
46	Determining the potential sites of neural adaptation to cross-education: implications for the cross-education of muscle strength. European Journal of Applied Physiology, 2018, 118, 1751-1772.	1.2	30
47	Effect of Cold Water Immersion versus Phase Change Material Cooling On Core and Intramuscular Temperature. Medicine and Science in Sports and Exercise, 2018, 50, 665.	0.2	0
48	Heavyâ€resistance exerciseâ€induced increases in jump performance are not explained by changes in neuromuscular function. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 35-44.	1.3	19
49	The assessment of neuromuscular fatigue during 120Âmin of simulated soccer exercise. European Journal of Applied Physiology, 2017, 117, 687-697.	1.2	37
50	Relation between Peak Power Output in Sprint Cycling and Maximum Voluntary Isometric Torque Production. Journal of Electromyography and Kinesiology, 2017, 35, 95-99.	0.7	20
51	Etiology and Recovery of Neuromuscular Fatigue after Simulated Soccer Match Play. Medicine and Science in Sports and Exercise, 2017, 49, 955-964.	0.2	72
52	Neuromuscular changes and the rapid adaptation following a bout of damaging eccentric exercise. Acta Physiologica, 2017, 220, 486-500.	1.8	46
53	Contraction intensity and sex differences in knee-extensor fatigability. Journal of Electromyography and Kinesiology, 2017, 37, 68-74.	0.7	44
54	The Effect Of Drink Temperature On Sweating Response And Performance During Exercise In The Heat. Medicine and Science in Sports and Exercise, 2017, 49, 489.	0.2	0

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55	Enhanced Corticospinal Excitability and Volitional Drive in Response to Shortening and Lengthening Strength Training and Changes Following Detraining. Frontiers in Physiology, 2017, 8, 57.	1.3	20
56	Etiology and Recovery of Neuromuscular Fatigue following Competitive Soccer Match-Play. Frontiers in Physiology, 2017, 8, 831.	1.3	72
57	The Contribution of the Neuromuscular System in the Repeated Bout Effect. Medicine and Science in Sports and Exercise, 2016, 48, 411.	0.2	0
58	Impact Of â€œExtra-timeâ€•On Performance And Physiological Responses To Simulated Soccer Match-play. Medicine and Science in Sports and Exercise, 2016, 48, 667-668.	0.2	0
59	Mirror Training Augments the Cross-education of Strength and Affects Inhibitory Paths. Medicine and Science in Sports and Exercise, 2016, 48, 1001-1013.	0.2	38
60	Intensity-Dependent Contribution of Neuromuscular Fatigue after Constant-Load Cycling. Medicine and Science in Sports and Exercise, 2016, 48, 1751-1760.	0.2	102
61	Test-Retest Reliability of Physiological and Performance Responses to 120 Minutes of Simulated Soccer Match Play. Journal of Strength and Conditioning Research, 2016, 30, 3178-3186.	1.0	34
62	The Effects of Direct Current Stimulation on Exercise Performance, Pacing and Perception in Temperate and Hot Environments. Brain Stimulation, 2016, 9, 842-849.	0.7	51
63	Evidence for Acute Electrophysiological and Cognitive Changes Following Routine Soccer Heading. EBioMedicine, 2016, 13, 66-71.	2.7	103
64	Neuromuscular Fatigue In Response To 120 Minutes Of Soccer-specific Exercise. Medicine and Science in Sports and Exercise, 2016, 48, 666-667.	0.2	0
65	â€œFloat first and kick for your lifeâ€• Psychophysiological basis for safety behaviour on accidental short-term cold water immersion. Physiology and Behavior, 2016, 154, 83-89.	1.0	10
66	The Effect of Repeated Soccer Ball Heading on Cortico-spinal Excitability and Inhibition. Medicine and Science in Sports and Exercise, 2016, 48, 404.	0.2	0
67	Augmented supraspinal fatigue following constantâ€load cycling in the heat. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 164-172.	1.3	18
68	Alterations in Whole-Body Insulin Sensitivity Resulting From Repeated Eccentric Exercise of a Single Muscle Group: A Pilot Investigation. International Journal of Sport Nutrition and Exercise Metabolism, 2015, 25, 405-410.	1.0	9
69	Brain blood flow and hyperventilation on cold water immersion: can treading water help control these symptoms of cold shock?. Extreme Physiology and Medicine, 2015, 4, .	2.5	4
70	Muscle Damage Response in Female Collegiate Athletes After Repeated Sprint Activity. Journal of Strength and Conditioning Research, 2015, 29, 2802-2807.	1.0	40
71	Mechanisms Of Neuromuscular Fatigue Following An Acute Bout Of Eccentric Exercise. Medicine and Science in Sports and Exercise, 2015, 47, 326.	0.2	0
72	Precipitation Of Muscle Damage In Females Following A Sport-specific Bout Of Repeated Sprints. Medicine and Science in Sports and Exercise, 2015, 47, 352.	0.2	0

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73	Central and Peripheral Fatigue in Male Cyclists after 4-, 20-, and 40-km Time Trials. Medicine and Science in Sports and Exercise, 2015, 47, 537-546.	0.2	142
74	Commentaries on Viewpoint: The two-hour marathon: what's the equivalent for women?. Journal of Applied Physiology, 2015, 118, 1324-1328.	1.2	3
75	The effect of a carbohydrate mouth-rinse on neuromuscular fatigue following cycling exercise. Applied Physiology, Nutrition and Metabolism, 2015, 40, 557-564.	0.9	29
76	Neuromuscular Fatigability during Repeated-Sprint Exercise in Male Athletes. Medicine and Science in Sports and Exercise, 2015, 47, 528-536.	0.2	64
77	Mirror illusion reduces motor cortical inhibition in the ipsilateral primary motor cortex during forceful unilateral muscle contractions. Journal of Neurophysiology, 2015, 113, 2262-2270.	0.9	19
78	Acute Neuromuscular Responses To A Low Volume, High Intensity Strength Training Stimulus. Medicine and Science in Sports and Exercise, 2015, 47, 300.	0.2	0
79	Transcranial magnetic stimulation in sport science: A commentary. European Journal of Sport Science, 2014, 14, S332-40.	1.4	47
80	Acute and chronic hypoxia: implications for cerebral function and exercise tolerance. Fatigue: Biomedicine, Health and Behavior, 2014, 2, 73-92.	1.2	44
81	AltitudeOmics: exercise-induced supraspinal fatigue is attenuated in healthy humans after acclimatization to high altitude. Acta Physiologica, 2014, 210, 875-888.	1.8	48
82	Corticospinal responses of resistance-trained and un-trained males during dynamic muscle contractions. Journal of Electromyography and Kinesiology, 2013, 23, 1075-1081.	0.7	28
83	AltitudeOmics: on the consequences of high-altitude acclimatization for the development of fatigue during locomotor exercise in humans. Journal of Applied Physiology, 2013, 115, 634-642.	1.2	40
84	Repetitive Transcranial Magnetic Stimulation Attenuates the Perception of Force Output Production in Non-Exercised Hand Muscles after Unilateral Exercise. PLoS ONE, 2013, 8, e80202.	1.1	9
85	Supraspinal fatigue after normoxic and hypoxic exercise in humans. Journal of Physiology, 2012, 590, 2767-2782.	1.3	126
86	Exercise-induced muscle damage is reduced in resistance-trained males by branched chain amino acids: a randomized, double-blind, placebo controlled study. Journal of the International Society of Sports Nutrition, 2012, 9, 20.	1.7	141
87	Recovery time of motor evoked potentials following lengthening and shortening muscle action in the tibialis anterior. Journal of Clinical Neuroscience, 2012, 19, 1328-1329.	0.8	8
88	Repeatability of Corticospinal and Spinal Measures during Lengthening and Shortening Contractions in the Human Tibialis Anterior Muscle. PLoS ONE, 2012, 7, e35930.	1.1	29
89	Antioxidant supplementation does not attenuate exercise-induced cardiac troponin release. International Journal of Cardiology, 2011, 152, 101-102.	0.8	4
90	Effect of graded hypoxia on supraspinal contributions to fatigue. Japanese Journal of Physical Fitness and Sports Medicine, 2011, 60, 87-87.	0.0	0

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91	Effect of graded hypoxia on supraspinal contributions to fatigue with unilateral knee-extensor contractions. Journal of Applied Physiology, 2010, 109, 1842-1851.	1.2	103
92	Time Course of Neuromuscular Changes during Running in Well-Trained Subjects. Medicine and Science in Sports and Exercise, 2010, 42, 1184-1190.	0.2	49
93	The influence of cold water immersions on adaptation following a single bout of damaging exercise. European Journal of Applied Physiology, 2009, 105, 615-621.	1.2	107
94	Voluntary activation of human knee extensors measured using transcranial magnetic stimulation. Experimental Physiology, 2009, 94, 995-1004.	0.9	102
95	Voluntary Activation Of The Knee Extensors Can Be Assessed Reliably Using Transcranial Magnetic Stimulation. Medicine and Science in Sports and Exercise, 2009, 41, 197.	0.2	0
96	The effects of multiple cold water immersions on indices of muscle damage. Journal of Sports Science and Medicine, 2008, 7, 235-41.	0.7	50
97	Etiology and Recovery of Neuromuscular Function Following Academy Soccer Training. Frontiers in Physiology, 0, 13, .	1.3	7