

Kristian Overgaard

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,866
citations

147566

31
h-index

182168

51
g-index

76
all docs

76
docs citations

76
times ranked

3684
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effects of lactic acid on force production in rat skeletal muscle. <i>Journal of Physiology</i> , 2001, 536, 161-166.	1.3	184
2	Estimation of $\dot{V}O_2\text{max}$ from the ratio between HRmax and HRrest ? the Heart Rate Ratio Method. <i>European Journal of Applied Physiology</i> , 2004, 91, 111-115.	1.2	130
3	Changes in Calpain Activity, Muscle Structure, and Function after Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 86-95.	0.2	115
4	Relations between excitability and contractility in rat soleus muscle: role of the Na ⁺ -K ⁺ pump and Na ⁺ /K ⁺ gradients. <i>Journal of Physiology</i> , 1999, 518, 215-225.	1.3	105
5	Worksite interventions for preventing physical deterioration among employees in job-groups with high physical work demands: Background, design and conceptual model of FINALE. <i>BMC Public Health</i> , 2010, 10, 120.	1.2	103
6	High Intensity Interval Training Improves Glycaemic Control and Pancreatic β^2 Cell Function of Type 2 Diabetes Patients. <i>PLoS ONE</i> , 2015, 10, e0133286.	1.1	102
7	Diet, physical exercise and cognitive behavioral training as a combined workplace based intervention to reduce body weight and increase physical capacity in health care workers - a randomized controlled trial. <i>BMC Public Health</i> , 2011, 11, 671.	1.2	96
8	Progressive resistance training rebuilds lean body mass in head and neck cancer patients after radiotherapy – Results from the randomized DAHANCA 25B trial. <i>Radiotherapy and Oncology</i> , 2013, 108, 314-319.	0.3	95
9	Muscle Adaptations to Plyometric vs. Resistance Training in Untrained Young Men. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 1799-1810.	1.0	93
10	Relations Between 6 Minute Walking Distance and 10 Meter Walking Speed in Patients With Multiple Sclerosis and Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 1167-1172.	0.5	90
11	Feasibility and efficacy of progressive resistance training and dietary supplements in radiotherapy treated head and neck cancer patients – the DAHANCA 25A study. <i>Acta Oncologica</i> , 2013, 52, 310-318.	0.8	65
12	Influence of lung volume, glossopharyngeal inhalation and P ET $\dot{A}O_2$ and P ET $\dot{A}CO_2$ on apnea performance in trained breath-hold divers. <i>European Journal of Applied Physiology</i> , 2006, 97, 158-164.	1.2	63
13	Acute exercise increases circulating inflammatory markers in overweight and obese compared with lean subjects. <i>European Journal of Applied Physiology</i> , 2013, 113, 1635-1642.	1.2	61
14	Muscle Glycogen Metabolism and High-Intensity Exercise Performance: A Narrative Review. <i>Sports Medicine</i> , 2021, 51, 1855-1874.	3.1	61
15	Muscle damage and repeated bout effect following blood flow restricted exercise. <i>European Journal of Applied Physiology</i> , 2016, 116, 513-525.	1.2	59
16	Exercise in myasthenia gravis: A feasibility study of aerobic and resistance training. <i>Muscle and Nerve</i> , 2017, 56, 700-709.	1.0	59
17	Comparable reduction of the visceral adipose tissue depot after a diet-induced weight loss with or without aerobic exercise in obese subjects: a 12-week randomized intervention study. <i>European Journal of Endocrinology</i> , 2009, 160, 759-767.	1.9	58
18	Membrane leakage and increased content of Na ⁺ -K ⁺ pumps and Ca ²⁺ in human muscle after a 100-km run. <i>Journal of Applied Physiology</i> , 2002, 92, 1891-1898.	1.2	57

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19	Effects of Resistance Training and Aerobic Training on Ambulation in Chronic Stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 29-42.	0.7	57
20	Effects of concentric and repeated eccentric exercise on muscle damage and calpainâ€œcalpastatin gene expression in human skeletal muscle. <i>European Journal of Applied Physiology</i> , 2008, 103, 323-332.	1.2	55
21	Normalized Muscle Strength, Aerobic Capacity, and Walking Performance in Chronic Stroke: A Population-Based Study on the Potential for Endurance and Resistance Training. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 1663-1668.	0.5	55
22	Effects of Running Distance and Training on Ca ²⁺ Content and Damage in Human Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 821-829.	0.2	54
23	Additive protective effects of the addition of lactic acid and adrenaline on excitability and force in isolated rat skeletal muscle depressed by elevated extracellular K ⁺ . <i>Journal of Physiology</i> , 2007, 581, 829-839.	1.3	52
24	Validity and reliability of VO ₂ -max measurements in persons with multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2014, 342, 79-87.	0.3	52
25	Resistance Training Increases Muscle Strength and Muscle Size in Patients With Liver Cirrhosis. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 1179-1187.e6.	2.4	52
26	Lean body mass and muscle function in head and neck cancer patients and healthy individuals â€œ results from the DAHANCA 25 study. <i>Acta OncolÃ³gica</i> , 2013, 52, 1543-1551.	0.8	51
27	Weight loss among female health care workers- a 1-year workplace based randomized controlled trial in the FINALE-health study. <i>BMC Public Health</i> , 2012, 12, 625.	1.2	48
28	Neural drive increases following resistance training in patients with multiple sclerosis. <i>Journal of Neurology</i> , 2013, 260, 1822-1832.	1.8	48
29	Activity-induced recovery of excitability in K ⁺ -depressed rat soleus muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R48-R55.	0.9	42
30	Effects of plyometric training on jumping, sprint performance, and lower body muscle strength in healthy adults: A systematic review and metaâ€œanalyses. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1453-1465.	1.3	39
31	Muscle Metabolism and Fatigue during Simulated Ice Hockey Match-Play in Elite Players. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2162-2171.	0.2	38
32	Fitness Characteristics of Elite and Subelite Male Ice Hockey Players: A Cross-Sectional Study. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 2352-2360.	1.0	34
33	Balance and walking performance are improved after resistance and aerobic training in persons with chronic stroke. <i>Disability and Rehabilitation</i> , 2018, 40, 2408-2415.	0.9	33
34	The role of K ⁺ channels in the force recovery elicited by Na ⁺ + â€œK ⁺ pump stimulation in Ba ²⁺ â€œparalysed rat skeletal muscle. <i>Journal of Physiology</i> , 2000, 527, 325-332.	1.3	30
35	Muscle performance relates to physical function and quality of life in longâ€œterm chronic inflammatory demyelinating polyradiculoneuropathy. <i>Journal of the Peripheral Nervous System</i> , 2008, 13, 208-217.	1.4	29
36	Small heat shock proteins translocate to the cytoskeleton in human skeletal muscle following eccentric exercise independently of phosphorylation. <i>Journal of Applied Physiology</i> , 2014, 116, 1463-1472.	1.2	29

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37	Functional and structural vascular adaptations following 8 weeks of low volume high intensity interval training in lower leg of type 2 diabetes patients and individuals at high risk of metabolic syndrome. <i>Archives of Physiology and Biochemistry</i> , 2015, 121, 178-186.	1.0	29
38	Effects on Presenteeism and Absenteeism From a 1-Year Workplace Randomized Controlled Trial Among Health Care Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, 1186-1190.	0.9	28
39	Resistance training and aerobic training improve muscle strength and aerobic capacity in chronic inflammatory demyelinating polyneuropathy. <i>Muscle and Nerve</i> , 2018, 57, 70-76.	1.0	27
40	Association between self-reported and objectively measured physical fitness level in a middle-aged population in primary care. <i>Preventive Medicine Reports</i> , 2015, 2, 462-466.	0.8	26
41	Effects of acidification and increased extracellular potassium on dynamic muscle contractions in isolated rat muscles. <i>Journal of Physiology</i> , 2010, 588, 5065-5076.	1.3	24
42	Activation of skeletal muscle calpain-3 by eccentric exercise in humans does not result in its translocation to the nucleus or cytosol. <i>Journal of Applied Physiology</i> , 2011, 111, 1448-1458.	1.2	24
43	Effects of Step Exercise on Muscle Damage and Muscle Ca ²⁺ Content in Men and Women. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 1136-1146.	1.0	22
44	Skeletal muscle fiber characteristics and oxidative capacity in hemiparetic stroke survivors. <i>Muscle and Nerve</i> , 2016, 53, 748-754.	1.0	20
45	Repeated prolonged whole-body low-intensity exercise: effects on insulin sensitivity and limb muscle adaptations. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 217-223.	1.5	19
46	Effects of extracellular HCO ₃ ⁻ on fatigue, pHi, and K ⁺ efflux in rat skeletal muscles. <i>Journal of Applied Physiology</i> , 2007, 103, 494-503.	1.2	19
47	On-Ice and Off-Ice Fitness Profiles of Elite and U20 Male Ice Hockey Players of Two Different National Standards. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3369-3376.	1.0	19
48	Activation of mTORC1 signalling in rat skeletal muscle is independent of the EC-coupling sequence but dependent on tension per se in a dose-response relationship. <i>Acta Physiologica</i> , 2019, 227, e13336.	1.8	18
49	Coingestion of protein and carbohydrate in the early recovery phase, compared with carbohydrate only, improves endurance performance despite similar glycogen degradation and AMPK phosphorylation. <i>Journal of Applied Physiology</i> , 2020, 129, 297-310.	1.2	18
50	Collagen fragment biomarkers as serological biomarkers of lean body mass - a biomarker pilot study from the DAHANCA25B cohort and matched controls. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2015, 6, 335-342.	2.9	15
51	A lifestyle intervention among elderly men on active surveillance for non-aggressive prostate cancer: a randomised feasibility study with whole-grain rye and exercise. <i>Trials</i> , 2017, 18, 20.	0.7	15
52	Effects of 8 wk of voluntary unloaded wheel running on K ⁺ tolerance and excitability of soleus muscles in rat. <i>Journal of Applied Physiology</i> , 2011, 111, 212-220.	1.2	14
53	Moderately elevated extracellular [K ⁺] potentiates submaximal force and power in skeletal muscle via increased [Ca ²⁺] _i during contractions. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C900-C909.	2.1	14
54	Exercise more or sit less? A randomized trial assessing the feasibility of two advice-based interventions in obese inactive adults. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 708-713.	0.6	13

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55	Falls in individuals with type 2 diabetes; a cross-sectional study on the impact of motor dysfunction, postural instability and diabetic polyneuropathy. <i>Diabetic Medicine</i> , 2021, 38, e14470.	1.2	11
56	Effects of high-frequency stimulation and doublets on dynamic contractions in rat soleus muscle exposed to normal and high extracellular $[K^{+}]$. <i>Physiological Reports</i> , 2013, 1, e00026.	0.7	10
57	Concomitant excitation and tension development are required for myocellular gene expression and protein synthesis in rat skeletal muscle. <i>Acta Physiologica</i> , 2021, 231, e13540.	1.8	9
58	Lactic acid accumulation is an advantage/disadvantage during muscle activity. <i>Journal of Applied Physiology</i> , 2006, 101, 367-368.	1.2	8
59	Fatiguing stimulation increases curvature of the force-velocity relation in isolated fast-twitch and slow-twitch rat muscles. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	8
60	Muscle Strength and Aerobic Capacity in Patients with CIDP One Year after Participation in an Exercise Trial. <i>Journal of Neuromuscular Diseases</i> , 2019, 6, 93-97.	1.1	7
61	The relationship between age and fitness profiles in elite male ice hockey players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 512-518.	0.4	7
62	Early effects of eccentric contractions on muscle glucose uptake. <i>Journal of Applied Physiology</i> , 2019, 126, 376-385.	1.2	6
63	The MILE study: a motivational, individual and locally anchored exercise intervention among 30-49 year-olds with low levels of cardiorespiratory fitness: a randomised controlled study in primary care. <i>BMC Public Health</i> , 2013, 13, 1224.	1.2	5
64	Effects of progressive resistance training in individuals with type 2 diabetic polyneuropathy: a randomised assessor-blinded controlled trial. <i>Diabetologia</i> , 2022, 65, 620-631.	2.9	5
65	Potential of force by extracellular potassium and posttetanic potentiation are additive in mouse fast-twitch muscle in vitro. <i>Pflügers Archiv European Journal of Physiology</i> , 2022, 474, 637-646.	1.3	5
66	Estimation of p70S6K Thr ³⁸⁹ and 4E-BP1 Thr ^{37/46} phosphorylation support dependency of tension per se in a dose-response relationship for downstream mTORC1 signalling. <i>Acta Physiologica</i> , 2020, 229, e13426.	1.8	4
67	Concentric strength training at optimal or short muscle length improves strength equally but does not reduce fatigability of hamstring muscles. <i>Physiological Reports</i> , 2019, 7, e14196.	0.7	3
68	Unprompted vigorous physical activity is associated with higher levels of subsequent sedentary behaviour in participants with low cardiorespiratory fitness: a cross-sectional study. <i>European Journal of Sport Science</i> , 2019, 19, 1004-1013.	1.4	3
69	Free diving-inspired breathing techniques for COPD patients: A pilot study. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312110386.	1.0	3
70	Potassium-induced potentiation of subtetanic force in rat skeletal muscles: influences of β_2 -activation, lactic acid, and temperature. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C884-C896.	2.1	3
71	Effects of a motivational, individual and locally anchored exercise intervention (MILE) on cardiorespiratory fitness: a community-based randomised controlled trial. <i>BMC Public Health</i> , 2019, 19, 239.	1.2	2
72	Contractile benefits of doublet-initiated low-frequency stimulation in rat extensor digitorum longus muscle exposed to high extracellular $[K^{+}]$ or fatiguing contractions. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C39-C47.	2.1	2

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73	Short communication: Leucine, but not muscle contractions, stimulates protein synthesis in isolated EDL muscles from golden geckos. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 268, 111206.	0.8	0