

# Kristian Overgaard

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

2,866  
citations

147801

31  
h-index

182427

51  
g-index

76  
all docs

76  
docs citations

76  
times ranked

3684  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.3	5
2	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.	2.8	5
3	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 &amp; Integrative Physiology</i> , 2022, 268, 111206.	1.8	0
4	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.	2.3	11
5	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.	3.8	9
6	Free diving-inspired breathing techniques for COPD patients: A pilot study. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312110386.	2.4	3
7	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.	0.7	7
8	Muscle Glycogen Metabolism and High-Intensity Exercise Performance: A Narrative Review. <i>Sports Medicine</i> , 2021, 51, 1855-1874.	6.5	61
9	Potassium-induced potentiation of subtetanic force in rat skeletal muscles: influences of $\text{pH}$ -activation, lactic acid, and temperature. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C884-C896.	4.6	3
10	Resistance Training Increases Muscle Strength and Muscle Size in Patients With Liver Cirrhosis. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 1179-1187.e6.	4.4	52
11	Estimation of p70S6K Thr <sup>389</sup> and 4E-BP1 Thr <sup>37/46</sup> phosphorylation support dependency of tension per se in a dose-response relationship for downstream mTORC1 signalling. <i>Acta Physiologica</i> , 2020, 229, e13426.	3.8	4
12	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.	0.4	38
13	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.	2.1	19
14	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.	2.5	18
15	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.	1.7	3
16	Moderately elevated extracellular $[\text{K}^+]_o$ potentiates submaximal force and power in skeletal muscle via increased $[\text{Ca}^{2+}]_i$ during contractions. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C900-C909.	4.6	14
17	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, .	1.7	8
18	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.	3.8	18

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19	Effects of plyometric training on jumping, sprint performance, and lower body muscle strength in healthy adults: A systematic review and meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1453-1465.	2.9	39
20	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.	2.9	2
21	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.	4.6	2
22	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.	2.7	3
23	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.	2.1	34
24	Early effects of eccentric contractions on muscle glucose uptake. <i>Journal of Applied Physiology</i> , 2019, 126, 376-385.	2.5	6
25	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.	2.6	7
26	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.	2.2	27
27	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.	1.8	33
28	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.	1.3	13
29	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.	1.6	15
30	Exercise in myasthenia gravis: A feasibility study of aerobic and resistance training. <i>Muscle and Nerve</i> , 2017, 56, 700-709.	2.2	59
31	Skeletal muscle fiber characteristics and oxidative capacity in hemiparetic stroke survivors. <i>Muscle and Nerve</i> , 2016, 53, 748-754.	2.2	20
32	Muscle damage and repeated bout effect following blood flow restricted exercise. <i>European Journal of Applied Physiology</i> , 2016, 116, 513-525.	2.5	59
33	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.	7.3	15
34	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.	1.8	26
35	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.	2.1	29
36	High Intensity Interval Training Improves Glycaemic Control and Pancreatic $\beta$ Cell Function of Type 2 Diabetes Patients. <i>PLoS ONE</i> , 2015, 10, e0133286.	2.5	102

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37	Effects of Resistance Training and Aerobic Training on Ambulation in Chronic Stroke. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 29-42.	1.4	57
38	Small heat shock proteins translocate to the cytoskeleton in human skeletal muscle following eccentric exercise independently of phosphorylation. Journal of Applied Physiology, 2014, 116, 1463-1472.	2.5	29
39	Validity and reliability of VO2-max measurements in persons with multiple sclerosis. Journal of the Neurological Sciences, 2014, 342, 79-87.	0.6	52
40	Neural drive increases following resistance training in patients with multiple sclerosis. Journal of Neurology, 2013, 260, 1822-1832.	3.6	48
41	Progressive resistance training rebuilds lean body mass in head and neck cancer patients after radiotherapy – Results from the randomized DAHANCA 25B trial. Radiotherapy and Oncology, 2013, 108, 314-319.	0.6	95
42	Acute exercise increases circulating inflammatory markers in overweight and obese compared with lean subjects. European Journal of Applied Physiology, 2013, 113, 1635-1642.	2.5	61
43	Feasibility and efficacy of progressive resistance training and dietary supplements in radiotherapy treated head and neck cancer patients – the DAHANCA 25A study. Acta Oncologica, 2013, 52, 310-318.	1.8	65
44	Lean body mass and muscle function in head and neck cancer patients and healthy individuals – results from the DAHANCA 25 study. Acta Oncologica, 2013, 52, 1543-1551.	1.8	51
45	Effects of high-frequency stimulation and doublets on dynamic contractions in rat soleus muscle exposed to normal and high extracellular $[K^{+}]_{o}$ . Physiological Reports, 2013, 1, e00026.	1.7	10
46	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. BMC Public Health, 2013, 13, 1224.	2.9	5
47	Effects on Presenteeism and Absenteeism From a 1-Year Workplace Randomized Controlled Trial Among Health Care Workers. Journal of Occupational and Environmental Medicine, 2013, 55, 1186-1190.	1.7	28
48	Relations Between 6 Minute Walking Distance and 10 Meter Walking Speed in Patients With Multiple Sclerosis and Stroke. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1167-1172.	0.9	90
49	Weight loss among female health care workers- a 1-year workplace based randomized controlled trial in the FINALE-health study. BMC Public Health, 2012, 12, 625.	2.9	48
50	Normalized Muscle Strength, Aerobic Capacity, and Walking Performance in Chronic Stroke: A Population-Based Study on the Potential for Endurance and Resistance Training. Archives of Physical Medicine and Rehabilitation, 2011, 92, 1663-1668.	0.9	55
51	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. BMC Public Health, 2011, 11, 671.	2.9	96
52	Activation of skeletal muscle calpain-3 by eccentric exercise in humans does not result in its translocation to the nucleus or cytosol. Journal of Applied Physiology, 2011, 111, 1448-1458.	2.5	24
53	Effects of 8 wk of voluntary unloaded wheel running on $K^{+}$ tolerance and excitability of soleus muscles in rat. Journal of Applied Physiology, 2011, 111, 212-220.	2.5	14
54	Changes in Calpain Activity, Muscle Structure, and Function after Eccentric Exercise. Medicine and Science in Sports and Exercise, 2010, 42, 86-95.	0.4	115

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55	Worksite interventions for preventing physical deterioration among employees in job-groups with high physical work demands: Background, design and conceptual model of FINALE. BMC Public Health, 2010, 10, 120.	2.9	103
56	Effects of acidification and increased extracellular potassium on dynamic muscle contractions in isolated rat muscles. Journal of Physiology, 2010, 588, 5065-5076.	2.9	24
57	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. European Journal of Endocrinology, 2009, 160, 759-767.	3.7	58
58	Effects of concentric and repeated eccentric exercise on muscle damage and calpain/calpastatin gene expression in human skeletal muscle. European Journal of Applied Physiology, 2008, 103, 323-332.	2.5	55
59	Muscle performance relates to physical function and quality of life in long-term chronic inflammatory demyelinating polyradiculoneuropathy. Journal of the Peripheral Nervous System, 2008, 13, 208-217.	3.1	29
60	Effects of Step Exercise on Muscle Damage and Muscle Ca <sup>2+</sup> Content in Men and Women. Journal of Strength and Conditioning Research, 2008, 22, 1136-1146.	2.1	22
61	Muscle Adaptations to Plyometric vs. Resistance Training in Untrained Young Men. Journal of Strength and Conditioning Research, 2008, 22, 1799-1810.	2.1	93
62	Effects of extracellular HCO <sub>3</sub> <sup>-</sup> on fatigue, pHi, and K <sup>+</sup> efflux in rat skeletal muscles. Journal of Applied Physiology, 2007, 103, 494-503.	2.5	19
63	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 <sup>+</sup> . Journal of Physiology, 2007, 581, 829-839.	2.9	52
64	Repeated prolonged whole-body low-intensity exercise: effects on insulin sensitivity and limb muscle adaptations. Metabolism: Clinical and Experimental, 2006, 55, 217-223.	3.4	19
65	Lactic acid accumulation is an advantage/disadvantage during muscle activity. Journal of Applied Physiology, 2006, 101, 367-368.	2.5	8
66	Influence of lung volume, glossopharyngeal inhalation and P ET <sub>AO2</sub> and P ET <sub>ACO2</sub> on apnea performance in trained breath-hold divers. European Journal of Applied Physiology, 2006, 97, 158-164.	2.5	63
67	Estimation of V <sub>O2</sub> max from the ratio between HRmax and HRrest ? the Heart Rate Ratio Method. European Journal of Applied Physiology, 2004, 91, 111-115.	2.5	130
68	Effects of Running Distance and Training on Ca <sup>2+</sup> Content and Damage in Human Muscle. Medicine and Science in Sports and Exercise, 2004, 36, 821-829.	0.4	54
69	Membrane leakage and increased content of Na <sup>+</sup> -K <sup>+</sup> pumps and Ca <sup>2+</sup> in human muscle after a 100-km run. Journal of Applied Physiology, 2002, 92, 1891-1898.	2.5	57
70	Activity-induced recovery of excitability in K <sup>+</sup> -depressed rat soleus muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R48-R55.	1.8	42
71	Protective effects of lactic acid on force production in rat skeletal muscle. Journal of Physiology, 2001, 536, 161-166.	2.9	184
72	The role of K <sup>+</sup> channels in the force recovery elicited by Na <sup>+</sup> + K <sup>+</sup> pump stimulation in Ba <sup>2+</sup> -paralysed rat skeletal muscle. Journal of Physiology, 2000, 527, 325-332.	2.9	30

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73	Relations between excitability and contractility in rat soleus muscle: role of the Na <sup>+</sup> -K <sup>+</sup> pump and Na <sup>+</sup> /K <sup>+</sup> gradients. Journal of Physiology, 1999, 518, 215-225.	2.9	105