

Sean C Newcomer

List of Publications by Year in descending order

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49
papers

1,524
citations

471509

17
h-index

302126

39
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49
all docs

49
docs citations

49
times ranked

1540
citing authors

#	ARTICLE	IF	CITATIONS
1	Foamed neoprene versus thermoplastic elastomer as a wetsuit material: a comparison of skin temperature, biomechanical, and physiological variables. <i>Sports Engineering</i> , 2022, 25, .	1.1	1
2	Energetics of Swimming With Hand Paddles of Different Surface Areas. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 205-211.	2.1	3
3	Thermoregulatory sex differences among surfers during a simulated surf session. <i>Sports Engineering</i> , 2021, 24, 1.	1.1	3
4	Surfing equipment and design: a scoping review. <i>Sports Engineering</i> , 2021, 24, 1.	1.1	4
5	Fluid Loss in Recreational Surfers. <i>International Journal of Exercise Science</i> , 2021, 14, 423-434.	0.5	0
6	Effect of wetsuit outer surface material on thermoregulation during surfing. <i>Sports Engineering</i> , 2020, 23, 1.	1.1	6
7	Heart Rate Response, Duration, Grip Strength, and Anthropometric Characteristics in Recreational Indoor Rock Climbers. <i>Journal of Strength and Conditioning Research</i> , 2020, Publish Ahead of Print, 832-837.	2.1	1
8	Characterization of Adult Heart Rate Responses During Recreational Skateboarding at Community Skateparks. <i>International Journal of Exercise Science</i> , 2020, 13, 501-510.	0.5	1
9	Impact of Velcro Cuff Closure on Forearm Skin Temperature in Surfers Wearing a 2 mm and 3 mm Wetsuit. <i>International Journal of Exercise Science</i> , 2020, 13, 1574-1582.	0.5	0
10	Skin Temperatures in Females Wearing a 2 mm Wetsuit during Surfing. <i>Sports</i> , 2019, 7, 145.	1.7	10
11	Differences in Vo 2peak of Surfers When Paddling in Water vs. on a Swimbench Ergometer. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 1095-1101.	2.1	4
12	Electromyographic Analysis of the Surf Paddling Stroke Across Multiple Intensities. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 1102-1110.	2.1	6
13	Physiological Profile of Male Competitive and Recreational Surfers. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 372-378.	2.1	16
14	Characterisation of regional skin temperatures in recreational surfers wearing a 2-mm wetsuit. <i>Ergonomics</i> , 2018, 61, 729-735.	2.1	13
15	The effect of foil on paddling efficiency in a short surfboard. <i>Sports Engineering</i> , 2018, 21, 11-19.	1.1	5
16	Heart rate and thermal responses to power yoga. <i>Complementary Therapies in Clinical Practice</i> , 2018, 32, 195-199.	1.7	6
17	Wearing an Inflatable Vest Alters Muscle Activation and Trunk Angle While Paddling a Surfboard. <i>Journal of Applied Biomechanics</i> , 2017, 33, 282-287.	0.8	3
18	Increasing surfboard volume reduces energy expenditure during paddling. <i>Ergonomics</i> , 2017, 60, 1255-1260.	2.1	11

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19	Characterization of Activity and Cardiovascular Responses During Surfing in Recreational Male Surfers Between the Ages of 18 and 75 Years Old. <i>Journal of Aging and Physical Activity</i> , 2017, 25, 182-188.	1.0	19
20	Heart Rate Responses of High School Students Participating in Surfing Physical Education. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 1721-1726.	2.1	15
21	Gestational exercise protects adult male offspring from high-fat diet-induced hepatic steatosis. <i>Journal of Hepatology</i> , 2016, 64, 171-178.	3.7	52
22	Maternal Exercise Does Not Significantly Alter Adult Rat Offspring Vascular Function. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2340-2346.	0.4	9
23	Impact of Maternal Exercise during Pregnancy on Offspring Chronic Disease Susceptibility. <i>Exercise and Sport Sciences Reviews</i> , 2015, 43, 198-203.	3.0	52
24	Effect of High-Calcium Diet on Coronary Artery Disease in Ossabaw Miniature Swine With Metabolic Syndrome. <i>Journal of the American Heart Association</i> , 2015, 4, e001620.	3.7	24
25	A Comparison of Balance and Postural Sway in Surfers vs. Non Surfers. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 311.	0.4	0
26	Mother's exercise during pregnancy programmes vasomotor function in adult offspring. <i>Experimental Physiology</i> , 2014, 99, 205-219.	2.0	16
27	Gene expression differences during the heterogeneous progression of peripheral atherosclerosis in familial hypercholesterolemic swine. <i>BMC Genomics</i> , 2013, 14, 443.	2.8	9
28	New insights into the physiologic basis for intermittent pneumatic limb compression as a therapeutic strategy for peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2013, 58, 1688-1696.	1.1	29
29	Altered resting hemodynamics in lower-extremity arteries of individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2013, 36, 104-111.	1.4	8
30	Newly Standing Infants Increase Postural Stability When Performing a Supra-Postural Task. <i>PLoS ONE</i> , 2013, 8, e71288.	2.5	16
31	Acute impact of intermittent pneumatic leg compression frequency on limb hemodynamics, vascular function, and skeletal muscle gene expression in humans. <i>Journal of Applied Physiology</i> , 2012, 112, 2099-2109.	2.5	39
32	Intermittent pneumatic leg compressions enhance muscle performance and blood flow in a model of peripheral arterial insufficiency. <i>Journal of Applied Physiology</i> , 2012, 112, 1556-1563.	2.5	12
33	Racket sports as a model of studying vascular adaptations: a comeback after a quarter of a century. <i>Journal of Applied Physiology</i> , 2011, 110, 1156-1157.	2.5	2
34	Impact of chronic intermittent external compressions on forearm blood flow capacity in humans. <i>European Journal of Applied Physiology</i> , 2011, 111, 509-519.	2.5	8
35	Gene expression differences in healthy brachial and femoral arteries of Rapacz familial hypercholesterolemic swine. <i>Physiological Genomics</i> , 2011, 43, 781-788.	2.3	11
36	Relationship between brachial and femoral artery endothelial vasomotor function/phenotype in pigs. <i>Experimental Biology and Medicine</i> , 2010, 235, 1287-1291.	2.4	8

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37	Impact of Shear Rate Modulation on Vascular Function in Humans. <i>Hypertension</i> , 2009, 54, 278-285.	2.7	257
38	Adjusting Flow-Mediated Dilation for Shear Stress Stimulus Allows Demonstration of Endothelial Dysfunction in a Population with Moderate Cardiovascular Risk. <i>Journal of Vascular Research</i> , 2009, 46, 592-600.	1.4	66
39	Importance of hemodynamic forces as signals for exercise-induced changes in endothelial cell phenotype. <i>Journal of Applied Physiology</i> , 2008, 104, 588-600.	2.5	281
40	Effects of chronic nitric oxide synthase inhibition on responses to acute exercise in swine. <i>Journal of Applied Physiology</i> , 2008, 104, 186-197.	2.5	23
41	Perivascular Fat Alters Reactivity of Coronary Artery. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 2125-2134.	0.4	36
42	Endothelium-dependent and -independent relaxation in the forelimb and hindlimb vasculatures of swine. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, 292-300.	1.8	16
43	Shear rates in the brachial and femoral arteries of swine. <i>FASEB Journal</i> , 2007, 21, A1369.	0.5	1
44	Is There a Difference in Vascular Reactivity of the Arms and Legs?. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1819-1828.	0.4	40
45	Blood Flow to Exercising Limbs Varies With Age, Gender, and Training Status. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005, 30, 554-575.	1.7	40
46	Different vasodilator responses of human arms and legs. <i>Journal of Physiology</i> , 2004, 556, 1001-1011.	2.9	126
47	Leg Blood Flow and $\dot{V}O_2$ during Peak Cycle Exercise in Younger and Older Women. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 623-631.	0.4	38
48	Leg blood flow during submaximal cycle ergometry is not reduced in healthy older normally active men. <i>Journal of Applied Physiology</i> , 2003, 94, 1859-1869.	2.5	80
49	Impaired leg vasodilation during dynamic exercise in healthy older women. <i>Journal of Applied Physiology</i> , 2003, 95, 1963-1970.	2.5	98