

Kevin K Mccully

List of Publications by Citations

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157
papers

6,880
citations

43
h-index

79
g-index

213
ext. papers

7,560
ext. citations

2.8
avg, IF

5.71
L-index

#	Paper	IF	Citations
157	Contribution of skeletal muscle atrophy to exercise intolerance and altered muscle metabolism in heart failure. <i>Circulation</i> , 1992 , 85, 1364-73	16.7	600
156	Injury to skeletal muscle fibers of mice following lengthening contractions. <i>Journal of Applied Physiology</i> , 1985 , 59, 119-26	3.7	323
155	Time-resolved spectroscopy of hemoglobin and myoglobin in resting and ischemic muscle. <i>Analytical Biochemistry</i> , 1988 , 174, 698-707	3.1	296
154	Multiple controls of oxidative metabolism in living tissues as studied by phosphorus magnetic resonance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 9458-62	11.5	243
153	Near-infrared spectroscopy/imaging for monitoring muscle oxygenation and oxidative metabolism in healthy and diseased humans. <i>Journal of Biomedical Optics</i> , 2007 , 12, 062105	3.5	239
152	Relationships between in vivo and in vitro measurements of metabolism in young and old human calf muscles. <i>Journal of Applied Physiology</i> , 1993 , 75, 813-9	3.7	227
151	Noninvasive detection of skeletal muscle underperfusion with near-infrared spectroscopy in patients with heart failure. <i>Circulation</i> , 1989 , 80, 1668-74	16.7	213
150	Effects of incremental exercise on cerebral oxygenation measured by near-infrared spectroscopy: a systematic review. <i>Progress in Neurobiology</i> , 2010 , 92, 134-50	10.9	211
149	Characteristics of lengthening contractions associated with injury to skeletal muscle fibers. <i>Journal of Applied Physiology</i> , 1986 , 61, 293-9	3.7	210
148	Simultaneous in vivo measurements of HbO ₂ saturation and PCr kinetics after exercise in normal humans. <i>Journal of Applied Physiology</i> , 1994 , 77, 5-10	3.7	180
147	Measurement of intramuscular fat by muscle echo intensity. <i>Muscle and Nerve</i> , 2015 , 52, 963-71	3.4	179
146	Near-infrared spectroscopy: what can it tell us about oxygen saturation in skeletal muscle?. <i>Exercise and Sport Sciences Reviews</i> , 2000 , 28, 123-7	6.7	178
145	Relationship of muscular fatigue to pH and diprotonated Pi in humans: a ³¹ P-NMR study. <i>Journal of Applied Physiology</i> , 1988 , 64, 2333-9	3.7	159
144	Noninvasive evaluation of skeletal muscle mitochondrial capacity with near-infrared spectroscopy: correcting for blood volume changes. <i>Journal of Applied Physiology</i> , 2012 , 113, 175-83	3.7	113
143	Exercise-induced changes in oxygen saturation in the calf muscles of elderly subjects with peripheral vascular disease. <i>Journal of Gerontology</i> , 1994 , 49, B128-34		106
142	Wrist flexor muscles of elite rowers measured with magnetic resonance spectroscopy. <i>Journal of Applied Physiology</i> , 1989 , 67, 926-32	3.7	98
141	The use of muscle near-infrared spectroscopy in sport, health and medical sciences: recent developments. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011 , 369, 4591-604	3	96

140	A cross-validation of near-infrared spectroscopy measurements of skeletal muscle oxidative capacity with phosphorus magnetic resonance spectroscopy. <i>Journal of Applied Physiology</i> , 2013 , 115, 1757-66	3.7	94
139	Length-tension relationship of mammalian diaphragm muscles. <i>Journal of Applied Physiology</i> , 1983 , 54, 1681-6	3.7	92
138	Vascular remodeling after spinal cord injury. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 901-7	1.2	81
137	Functional pools of oxidative and glycolytic fibers in human muscle observed by 31P magnetic resonance spectroscopy during exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 8976-80	11.5	74
136	Physical determinants of independence in mature women. <i>Archives of Physical Medicine and Rehabilitation</i> , 1995 , 76, 373-80	2.8	73
135	Injuries during the one repetition maximum assessment in the elderly. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 1995 , 15, 283-7		73
134	BOLD MRI mapping of transient hyperemia in skeletal muscle after single contractions. <i>NMR in Biomedicine</i> , 2004 , 17, 392-8	4.4	72
133	Metabolic heterogeneity in human calf muscle during maximal exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 5714-8	11.5	68
132	Dietary quercetin supplementation is not ergogenic in untrained men. <i>Journal of Applied Physiology</i> , 2009 , 107, 1095-104	3.7	66
131	Detection of muscle injury in humans with 31-P magnetic resonance spectroscopy. <i>Muscle and Nerve</i> , 1988 , 11, 212-6	3.4	65
130	Reduced oxidative muscle metabolism in chronic fatigue syndrome. <i>Muscle and Nerve</i> , 1996 , 19, 621-5	3.4	60
129	Muscle metabolism in older subjects using 31P magnetic resonance spectroscopy. <i>Canadian Journal of Physiology and Pharmacology</i> , 1991 , 69, 576-80	2.4	59
128	Caffeine attenuates delayed-onset muscle pain and force loss following eccentric exercise. <i>Journal of Pain</i> , 2007 , 8, 237-43	5.2	58
127	Electrically induced resistance training in individuals with motor complete spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 2166-73	2.8	55
126	Blood flow and muscle fatigue in SCI individuals during electrical stimulation. <i>Journal of Applied Physiology</i> , 2003 , 94, 701-8	3.7	55
125	Metabolic effects of training in humans: a 31P-MRS study. <i>Journal of Applied Physiology</i> , 1990 , 69, 1165-70	3.7	54
124	Relationship between muscle architectural features and oxygenation status determined by near infrared device. <i>European Journal of Applied Physiology</i> , 2004 , 91, 273-8	3.4	53
123	Impaired oxygen delivery to muscle in chronic fatigue syndrome. <i>Clinical Science</i> , 1999 , 97, 603-608	6.5	53

122	Modeling oxygenation in venous blood and skeletal muscle in response to exercise using near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , 2009 , 106, 1858-74	3.7	48
121	Increased daily physical activity and fatigue symptoms in chronic fatigue syndrome. <i>Dynamic Medicine: DM</i> , 2005 , 4, 3		47
120	Muscle metabolism with blood flow restriction in chronic fatigue syndrome. <i>Journal of Applied Physiology</i> , 2004 , 96, 871-8	3.7	46
119	Skeletal muscle metabolism in endurance athletes with near-infrared spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 869-75	1.2	45
118	Skeletal muscle metabolism in individuals with spinal cord injury. <i>Journal of Applied Physiology</i> , 2011 , 111, 143-8	3.7	45
117	Near-infrared assessments of skeletal muscle oxidative capacity in persons with spinal cord injury. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2275-83	3.4	43
116	Electrically stimulated resistance training in SCI individuals increases muscle fatigue resistance but not femoral artery size or blood flow. <i>Spinal Cord</i> , 2006 , 44, 227-33	2.7	43
115	Noninvasive measurements of activity-induced changes in muscle metabolism. <i>Journal of Biomechanics</i> , 1991 , 24 Suppl 1, 153-61	2.9	43
114	Muscle injury after repeated bouts of voluntary and electrically stimulated exercise. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1605-15	1.2	42
113	Reproducibility of near-infrared spectroscopy measurements of oxidative function and postexercise recovery kinetics in the medial gastrocnemius muscle. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 521-9	3	41
112	Blood flow and muscle metabolism in chronic fatigue syndrome. <i>Clinical Science</i> , 2003 , 104, 641-7	6.5	41
111	Muscle metabolism in track athletes, using ³¹ P magnetic resonance spectroscopy. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992 , 70, 1353-9	2.4	41
110	Wellness and multiple sclerosis: The National MS Society establishes a Wellness Research Working Group and research priorities. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 262-267	5	40
109	Regional difference of muscle oxygen saturation and blood volume during exercise determined by near infrared imaging device. <i>The Japanese Journal of Physiology</i> , 2001 , 51, 599-606		40
108	Electrical stimulation-evoked resistance exercise therapy improves arterial health after chronic spinal cord injury. <i>Spinal Cord</i> , 2007 , 45, 49-56	2.7	38
107	Upper vs lower extremity arterial function after spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2006 , 29, 138-46	1.9	38
106	Blood flow response in individuals with incomplete spinal cord injuries. <i>Spinal Cord</i> , 2002 , 40, 639-45	2.7	38
105	A comparison of exercise type and intensity on the noninvasive assessment of skeletal muscle mitochondrial function using near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , 2013 , 114, 230-7	3.7	37

104	Influence of exercise training with resveratrol supplementation on skeletal muscle mitochondrial capacity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, 26-32	3	35
103	Use of exercise for treatment of chronic fatigue syndrome. <i>Sports Medicine</i> , 1996 , 21, 35-48	10.6	35
102	Relationship between blood velocity and conduit artery diameter and the effects of smoking on vascular responsiveness. <i>Journal of Applied Physiology</i> , 2004 , 96, 2139-45	3.7	33
101	Bilateral differences in lower-limb performance in individuals with multiple sclerosis. <i>Journal of Rehabilitation Research and Development</i> , 2013 , 50, 215-22		33
100	Mitochondria-specific antioxidant supplementation does not influence endurance exercise training-induced adaptations in circulating angiogenic cells, skeletal muscle oxidative capacity or maximal oxygen uptake. <i>Journal of Physiology</i> , 2016 , 594, 7005-7014	3.9	33
99	Activity-induced changes in skeletal muscle metabolism measured with optical spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 2346-52	1.2	30
98	Nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems. <i>Chest</i> , 1999 , 116, 1434-41	5.3	30
97	Skeletal muscle oxidative capacity in patients with cystic fibrosis. <i>Experimental Physiology</i> , 2015 , 100, 545-52	2.4	29
96	Assessment of Mitochondrial Dysfunction in Clinical Populations Using Near-Infrared Spectroscopy. <i>Frontiers in Physiology</i> , 2017 , 8, 689	4.6	29
95	Reduced skeletal muscle oxidative capacity and impaired training adaptations in heart failure. <i>Physiological Reports</i> , 2015 , 3, e12353	2.6	28
94	Noninvasive assessment of vascular function in the posterior tibial artery of healthy humans. <i>Dynamic Medicine: DM</i> , 2003 , 2, 1		27
93	Velocity acceleration as a determinant of flow-mediated dilation. <i>Ultrasound in Medicine and Biology</i> , 2012 , 38, 580-92	3.5	26
92	Doppler ultrasound assessment of posterior tibial artery size in humans. <i>Journal of Clinical Ultrasound</i> , 2006 , 34, 223-30	1	26
91	Endurance neuromuscular electrical stimulation training improves skeletal muscle oxidative capacity in individuals with motor-complete spinal cord injury. <i>Muscle and Nerve</i> , 2017 , 55, 669-675	3.4	25
90	The reproducibility of measurements of intramuscular magnesium concentrations and muscle oxidative capacity using 31P MRS. <i>Dynamic Medicine: DM</i> , 2009 , 8, 5		24
89	Impaired oxygen delivery to muscle in chronic fatigue syndrome. <i>Clinical Science</i> , 1999 , 97, 603	6.5	24
88	Review of early development of near-infrared spectroscopy and recent advancement of studies on muscle oxygenation and oxidative metabolism. <i>Journal of Physiological Sciences</i> , 2019 , 69, 799-811	2.3	23
87	Canine X-linked muscular dystrophy studied with in vivo phosphorus magnetic resonance spectroscopy. <i>Muscle and Nerve</i> , 1991 , 14, 1091-8	3.4	22

86	Application of 31P magnetic resonance spectroscopy to the study of athletic performance. <i>Sports Medicine</i> , 1988 , 5, 312-21	10.6	22
85	Mitochondrial capacity, muscle endurance, and low energy in friedreich ataxia. <i>Muscle and Nerve</i> , 2017 , 56, 773-779	3.4	21
84	Time course of exercise induced alterations in daily activity in chronic fatigue syndrome. <i>Dynamic Medicine: DM</i> , 2005 , 4, 10		21
83	Muscle fatigue: the role of metabolism. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2002 , 27, 70-82		21
82	The effects of aging and activity on muscle blood flow. <i>Dynamic Medicine: DM</i> , 2002 , 1, 2		21
81	Skeletal muscle oxidative capacity in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2014 , 50, 767-74	3.4	20
80	Peak and time-integrated shear rates independently predict flow-mediated dilation. <i>Journal of Clinical Ultrasound</i> , 2012 , 40, 341-51	1	20
79	Neuromuscular Electrical Stimulation-Induced Resistance Training After SCI: A Review of the Dudley Protocol. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2015 , 21, 294-302	1.5	20
78	Skeletal muscle metabolic adaptations to endurance exercise training are attainable in mice with simvastatin treatment. <i>PLoS ONE</i> , 2017 , 12, e0172551	3.7	20
77	Case report: endurance electrical stimulation training improves skeletal muscle oxidative capacity in chronic spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 2559-2561	2.8	19
76	The influence of physical activity and yoga on central arterial stiffness. <i>Dynamic Medicine: DM</i> , 2008 , 7, 2		18
75	Occasional cigarette smoking chronically affects arterial function. <i>Ultrasound in Medicine and Biology</i> , 2008 , 34, 1885-92	3.5	18
74	The influence of passive stretch on muscle oxygen saturation. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 662, 317-22	3.6	18
73	Effects of postmeal exercise on postprandial glucose excursions in people with type 2 diabetes treated with add-on hypoglycemic agents. <i>Diabetes Research and Clinical Practice</i> , 2017 , 126, 240-247	7.4	17
72	Characteristics of cat skeletal muscles grafted with intact nerves or with anastomosed nerves. <i>Experimental Neurology</i> , 1983 , 80, 682-96	5.7	17
71	Postmeal exercise blunts postprandial glucose excursions in people on metformin monotherapy. <i>Journal of Applied Physiology</i> , 2017 , 123, 444-450	3.7	16
70	In vivo assessment of muscle mitochondrial function in healthy, young males in relation to parameters of aerobic fitness. <i>European Journal of Applied Physiology</i> , 2019 , 119, 1799-1808	3.4	16
69	Pilot study: evaluation of the effect of functional electrical stimulation cycling on muscle metabolism in nonambulatory people with multiple sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015 , 96, 627-32	2.8	16

68	The Effect of Light-Intensity Cycling on Mood and Working Memory in Response to a Randomized, Placebo-Controlled Design. <i>Psychosomatic Medicine</i> , 2017 , 79, 243-253	3.7	16
67	Soluble TNF and IL-6 receptors: indicators of vascular health in women without cardiovascular disease. <i>Vascular Medicine</i> , 2013 , 18, 282-9	3.3	16
66	Acute exercise improves endothelial function despite increasing vascular resistance during stress in smokers and nonsmokers. <i>Psychophysiology</i> , 2011 , 48, 1299-308	4.1	16
65	Exercise-induced injury to skeletal muscle. <i>Federation Proceedings</i> , 1986 , 45, 2933-6		16
64	Effects of Sprint Interval Cycling on Fatigue, Energy, and Cerebral Oxygenation. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 615-24	1.2	16
63	Rationale and design of the STEP for MS Trial: Comparative effectiveness of Supervised versus Telerehabilitation Exercise Programs for Multiple Sclerosis. <i>Contemporary Clinical Trials</i> , 2019 , 81, 110-122 ³		15
62	Lower-limb performance disparities: implications for exercise prescription in multiple sclerosis. <i>Journal of Rehabilitation Research and Development</i> , 2014 , 51, 1537-44		15
61	Force per active area and muscle injury during electrically stimulated contractions. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1596-604	1.2	15
60	Application of Multiple NIRS Imaging Device to the Exercising Muscle Metabolism. <i>Spectroscopy</i> , 2003 , 17, 549-558		14
59	Skeletal muscle mitochondrial capacity in people with multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2016 , 2, 2055217316678020	2	14
58	Near infrared spectroscopy-guided exercise training for claudication in peripheral arterial disease. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 471-480	3.9	14
57	Outcomes After Functional Electrical Stimulation Cycle Training in Individuals with Multiple Sclerosis Who Are Nonambulatory. <i>International Journal of MS Care</i> , 2017 , 19, 113-121	2.3	12
56	Increasing blood flow before exercise in spinal cord-injured individuals does not alter muscle fatigue. <i>Journal of Applied Physiology</i> , 2004 , 96, 477-82	3.7	11
55	Comparisons of ultrasound-estimated intramuscular fat with fitness and health indicators. <i>Muscle and Nerve</i> , 2016 , 54, 743-9	3.4	11
54	Measuring reactive hyperemia in the lower limb using near-infrared spectroscopy. <i>Journal of Biomedical Optics</i> , 2016 , 21, 091302	3.5	11
53	Leptin, blood pressure, and aerobic capacity in women. <i>American Journal of Hypertension</i> , 2008 , 21, 1245-50		10
52	Low-frequency fatigue in individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2007 , 30, 458-66	1.9	10
51	Blood flow response to a postural challenge in older men and women. <i>Dynamic Medicine: DM</i> , 2004 , 3, 1		10

50	Biochemical adaptations to training: implications for resisting muscle fatigue. <i>Canadian Journal of Physiology and Pharmacology</i> , 1991 , 69, 274-8	2.4	10
49	A wellness program for individuals with disabilities: Using a student wellness coach approach. <i>Disability and Health Journal</i> , 2015 , 8, 345-52	4.2	9
48	CrossTalk proposal: Skeletal muscle oxidative capacity is altered in patients with cystic fibrosis. <i>Journal of Physiology</i> , 2017 , 595, 1423-1425	3.9	8
47	Exercise after You Eat: Hitting the Postprandial Glucose Target. <i>Frontiers in Endocrinology</i> , 2017 , 8, 228	5.7	8
46	In vivo determination of altered hemoglobin saturation in dogs with M-type phosphofructokinase deficiency. <i>Muscle and Nerve</i> , 1999 , 22, 621-7	3.4	8
45	Experimental intermittent ischemia augments exercise-induced inflammatory cytokine production. <i>Journal of Applied Physiology</i> , 2017 , 123, 434-441	3.7	6
44	Evaluation of a New H/P Dual-Tuned Birdcage Coil for P Spectroscopy 2013 , 43, 90-99		6
43	Reliability and reproducibility of a four arterial occlusions protocol for assessing muscle oxidative metabolism at rest and after exercise using near-infrared spectroscopy. <i>Physiological Measurement</i> , 2020 , 41, 065002	2.9	5
42	Near Infrared Spectroscopy Measurements of Mitochondrial Capacity Using Partial Recovery Curves. <i>Frontiers in Physiology</i> , 2020 , 11, 111	4.6	5
41	Muscle Dysfunction and Walking Impairment in Women with Multiple Sclerosis. <i>International Journal of MS Care</i> , 2019 , 21, 249-256	2.3	5
40	Interpretation of Near-Infrared Spectroscopy (NIRS) Signals in Skeletal Muscle. <i>Journal of Functional Morphology and Kinesiology</i> , 2019 , 4,	2.4	4
39	The effects of exercise on mood and prefrontal brain responses to emotional scenes in smokers. <i>Physiology and Behavior</i> , 2020 , 213, 112721	3.5	4
38	Muscle-specific endurance of the trapezius muscles using electrical twitch mechanomyography. <i>Shoulder and Elbow</i> , 2018 , 10, 136-143	1.8	4
37	Effect of Antigravity Treadmill Training on Muscle Oxidative Capacity, Muscle Endurance, and Walking Function in a Person with Multiple Sclerosis. <i>International Journal of MS Care</i> , 2018 , 20, 186-190 ²⁻³		4
36	Commentaries on Viewpoint: Principles, insights, and potential pitfalls of the noninvasive determination of muscle oxidative capacity by near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , 2018 , 124, 249-255	3.7	3
35	MUSCLE RESEARCH WORK WITH BRITTON CHANCE FROM IN VIVO MAGNETIC RESONANCE SPECTROSCOPY TO NEAR-INFRARED SPECTROSCOPY. <i>Journal of Innovative Optical Health Sciences</i> , 2011 , 04, 227-237	1.2	3
34	Magnetic resonance as a tool to study sarcopenia. <i>Muscle and Nerve</i> , 1997 , 20, 102-106	3.4	3
33	Effects of Sitting and Elevation on Arterial Tone in the Posterior Tibial Artery. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, S49	1.2	3

32	The effect of a submaximal exercise orientation on cardiopulmonary cycle ergometer stress test results in older adults. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 1996 , 16, 93-9		3
31	Hamstrings and Quadriceps Muscles Function in Subjects with Prior ACL Reconstruction Surgery. <i>Journal of Functional Morphology and Kinesiology</i> , 2018 , 3,	2.4	3
30	Muscle-Specific Endurance of the Lower Back Erectors Using Electrical Twitch Mechanomyography. <i>Journal of Functional Morphology and Kinesiology</i> , 2019 , 4,	2.4	2
29	Effects of Resting, Consecutive, Long-Duration Water Immersions on Neuromuscular Endurance in Well-Trained Males. <i>Frontiers in Physiology</i> , 2018 , 9, 977	4.6	2
28	Effects of Repeated, Long-Duration Hyperoxic Water Immersions on Neuromuscular Endurance in Well-Trained Males. <i>Frontiers in Physiology</i> , 2019 , 10, 858	4.6	2
27	Caffeine Attenuates Delayed Onset Muscle Pain Following Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, S175	1.2	2
26	Noninvasive measures of muscle metabolism 2000 , 485-509		2
25	Comparison of Different Bicycle Ergometer Protocols in Elderly Males. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 1993 , 13, 126-133		2
24	Effects of Treadmill Training on Muscle Oxidative Capacity and Endurance in People with Multiple Sclerosis with Significant Walking Limitations. <i>International Journal of MS Care</i> , 2019 , 21, 166-172	2.3	2
23	The influence of muscle length on gastrocnemius and vastus lateralis muscle oxygen saturation and endurance. <i>Journal of Electromyography and Kinesiology</i> , 2019 , 49, 102358	2.5	1
22	Femoral artery diameter and arteriogenic cytokines in healthy women. <i>Vascular Pharmacology</i> , 2009 , 50, 104-9	5.9	1
21	Running for health: how much running for how much health?. <i>Clinical Science</i> , 2004 , 107, 559-60	6.5	1
20	Enhanced Strength, Power, Work Capacity, and Fatigue Resistance in High Intensity Functional Training Athletes. <i>FASEB Journal</i> , 2019 , 33, 695.11	0.9	1
19	Magnetic Resonance Spectroscopy of Muscle Bioenergetics 1994 , 405-412		1
18	The Case for Measuring Long Bone Hemodynamics With Near-Infrared Spectroscopy. <i>Frontiers in Physiology</i> , 2020 , 11, 615977	4.6	1
17	Bilateral NIRS measurements of muscle mitochondrial capacity: Feasibility and repeatability. <i>Physiological Reports</i> , 2021 , 9, e14826	2.6	1
16	Measuring tibial hemodynamics and metabolism at rest and after exercise using near-infrared spectroscopy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1354-1362	3	0
15	Rebuttal from Paula Rodriguez-Miguelez, Melissa L. Erickson, Kevin K. McCully and Ryan A. Harris. <i>Journal of Physiology</i> , 2017 , 595, 1429	3.9	

14	Adherence and Continued Participation in a Wellness Class for Individuals with Disabilities. <i>Rehabilitation Process and Outcome</i> , 2019 , 8, 1179572719843257	0.5
13	Technology to Advance Research in Kinesiology: The Case for Light, Sound, and Radiofrequencies. <i>Quest</i> , 2009 , 61, 108-113	2.2
12	Acute Exercise Improves Endothelial Function Despite Increasing Vascular Resistance During Stress in Smokers and Non-smokers. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 312	1.2
11	Imaging of Heart, Muscle, Vessels 257-275	
10	Dynamic Medicine: the start of a new online journal. <i>Dynamic Medicine: DM</i> , 2002 , 1, 1	
9	VALIDITY FOR MEASURING SKELETAL MUSCLE OXYGEN STATUS USING FUNCTIONAL NEAR INFRARED IMAGING MACHINE. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2000 , 49, 211-216	0.1
8	KEY FACTORS IN SUCCESSFUL ACTIVE AGING PROGRAMS. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, S312	1.2
7	Muscle Glycolytic Metabolism In Chronic Fatigue Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S287	1.2
6	Relationship between serum leptin and systolic blood pressure, independent of adiposity, in healthy 25-40 year-old women. <i>FASEB Journal</i> , 2007 , 21, A932	0.9
5	Improving the Efficiency of Mitochondrial Capacity Measurements Using Near Infrared Spectroscopy. <i>FASEB Journal</i> , 2019 , 33, 697.3	0.9
4	A Time-Efficient NIRS Protocol For Cross- And Within-limb Comparisons Of Muscle Oxidative Capacity. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 84-84	1.2
3	Muscle Specific Endurance of the Lower Back Erectors using Electrical Twitch Mechanography. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1001	1.2
2	BENEFITS OF INCORPORATING HIIT PROGRAMS FOR INDIVIDUALS WITH DOWN SYNDROME. <i>ACSMs Health and Fitness Journal</i> , 2020 , 24, 18-23	0.9
1	Impact of marriage on physical activity behavior in women with multiple sclerosis. <i>Disability and Rehabilitation</i> , 2021 , 1-9	2.4