

# Kevin K Mccully

## List of Publications by Year in descending order

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206  
papers

8,289  
citations

50244

46  
h-index

51562

86  
g-index

213  
all docs

213  
docs citations

213  
times ranked

6081  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of skeletal muscle atrophy to exercise intolerance and altered muscle metabolism in heart failure.. <i>Circulation</i> , 1992, 85, 1364-1373.	1.6	660
2	Injury to skeletal muscle fibers of mice following lengthening contractions. <i>Journal of Applied Physiology</i> , 1985, 59, 119-126.	1.2	367
3	Time-resolved spectroscopy of hemoglobin and myoglobin in resting and ischemic muscle. <i>Analytical Biochemistry</i> , 1988, 174, 698-707.	1.1	328
4	Measurement of intramuscular fat by muscle echo intensity. <i>Muscle and Nerve</i> , 2015, 52, 963-971.	1.0	283
5	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.	1.4	276
6	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, 9458-9462.	3.3	263
7	Effects of incremental exercise on cerebral oxygenation measured by near-infrared spectroscopy: A systematic review. <i>Progress in Neurobiology</i> , 2010, 92, 134-150.	2.8	257
8	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, 813-819.	1.2	247
9	Noninvasive detection of skeletal muscle underperfusion with near-infrared spectroscopy in patients with heart failure.. <i>Circulation</i> , 1989, 80, 1668-1674.	1.6	238
10	Characteristics of lengthening contractions associated with injury to skeletal muscle fibers. <i>Journal of Applied Physiology</i> , 1986, 61, 293-299.	1.2	229
11	Simultaneous in vivo measurements of HbO <sub>2</sub> saturation and PCr kinetics after exercise in normal humans. <i>Journal of Applied Physiology</i> , 1994, 77, 5-10.	1.2	202
12	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.	1.6	201
13	Relationship of muscular fatigue to pH and diprotonated Pi in humans: a <sup>31</sup> P-NMR study. <i>Journal of Applied Physiology</i> , 1988, 64, 2333-2339.	1.2	175
14	Noninvasive evaluation of skeletal muscle mitochondrial capacity with near-infrared spectroscopy: correcting for blood volume changes. <i>Journal of Applied Physiology</i> , 2012, 113, 175-183.	1.2	165
15	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, 1757-1766.	1.2	133
16	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, 4591-4604.	1.6	132
17	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-B134.	2.0	128
18	Length-tension relationship of mammalian diaphragm muscles. <i>Journal of Applied Physiology</i> , 1983, 54, 1681-1686.	1.2	114

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19	Wrist flexor muscles of elite rowers measured with magnetic resonance spectroscopy. <i>Journal of Applied Physiology</i> , 1989, 67, 926-932.	1.2	112
20	Vascular Remodeling after Spinal Cord Injury. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 901-907.	0.2	94
21	Injuries During the One Repetition Maximum Assessment in the Elderly. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 1995, 15, 283-287.	0.5	89
22	Physical determinants of independence in mature women. <i>Archives of Physical Medicine and Rehabilitation</i> , 1995, 76, 373-380.	0.5	89
23	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, 8976-8980.	3.3	80
24	BOLD MRI mapping of transient hyperemia in skeletal muscle after single contractions. <i>NMR in Biomedicine</i> , 2004, 17, 392-398.	1.6	75
25	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, 5714-5718.	3.3	74
26	Reduced oxidative muscle metabolism in chronic fatigue syndrome. , 1996, 19, 621-625.		72
27	Impaired oxygen delivery to muscle in chronic fatigue syndrome. <i>Clinical Science</i> , 1999, 97, 603-608.	1.8	70
28	Dietary quercetin supplementation is not ergogenic in untrained men. <i>Journal of Applied Physiology</i> , 2009, 107, 1095-1104.	1.2	70
29	Detection of muscle injury in humans with 31-P magnetic resonance spectroscopy. <i>Muscle and Nerve</i> , 1988, 11, 212-216.	1.0	68
30	Caffeine Attenuates Delayed-Onset Muscle Pain and Force Loss Following Eccentric Exercise. <i>Journal of Pain</i> , 2007, 8, 237-243.	0.7	67
31	Metabolic effects of training in humans: a 31P-MRS study. <i>Journal of Applied Physiology</i> , 1990, 69, 1165-1170.	1.2	65
32	Muscle metabolism in older subjects using 31P magnetic resonance spectroscopy. <i>Canadian Journal of Physiology and Pharmacology</i> , 1991, 69, 576-580.	0.7	65
33	Electrically Induced Resistance Training in Individuals With Motor Complete Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 2166-2173.	0.5	64
34	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.	1.4	62
35	Blood flow and muscle fatigue in SCI individuals during electrical stimulation. <i>Journal of Applied Physiology</i> , 2003, 94, 701-708.	1.2	61
36	Relationship between muscle architectural features and oxygenation status determined by near infrared device. <i>European Journal of Applied Physiology</i> , 2004, 91, 273-278.	1.2	59

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37	Skeletal Muscle Metabolism in Endurance Athletes with Near-Infrared Spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 869-875.	0.2	59
38	Skeletal muscle metabolism in individuals with spinal cord injury. <i>Journal of Applied Physiology</i> , 2011, 111, 143-148.	1.2	58
39	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, 521-529.	0.9	57
40	Increased daily physical activity and fatigue symptoms in chronic fatigue syndrome. <i>Dynamic Medicine: DM</i> , 2005, 4, 3.	2.7	55
41	Near-infrared assessments of skeletal muscle oxidative capacity in persons with spinal cord injury. <i>European Journal of Applied Physiology</i> , 2013, 113, 2275-2283.	1.2	55
42	Muscle metabolism with blood flow restriction in chronic fatigue syndrome. <i>Journal of Applied Physiology</i> , 2004, 96, 871-878.	1.2	52
43	Blood flow response in individuals with incomplete spinal cord injuries. <i>Spinal Cord</i> , 2002, 40, 639-645.	0.9	50
44	Modeling oxygenation in venous blood and skeletal muscle in response to exercise using near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , 2009, 106, 1858-1874.	1.2	50
45	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, 230-237.	1.2	49
46	Noninvasive measurements of activity-induced changes in muscle metabolism. <i>Journal of Biomechanics</i> , 1991, 24, 153-161.	0.9	48
47	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.	1.3	48
48	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.	0.9	46
49	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, 227-233.	0.9	46
50	Muscle Injury after Repeated Bouts of Voluntary and Electrically Stimulated Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1605-1615.	0.2	45
51	Muscle metabolism in track athletes, using <sup>31</sup> P magnetic resonance spectroscopy. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992, 70, 1353-1359.	0.7	44
52	Blood flow and muscle metabolism in chronic fatigue syndrome. <i>Clinical Science</i> , 2003, 104, 641-647.	1.8	44
53	Influence of exercise training with resveratrol supplementation on skeletal muscle mitochondrial capacity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 26-32.	0.9	44
54	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.	0.9	44

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55	Use of Exercise for Treatment of Chronic Fatigue Syndrome. <i>Sports Medicine</i> , 1996, 21, 35-48.	3.1	43
56	Upper vs Lower Extremity Arterial Function After Spinal Cord Injury. <i>Journal of Spinal Cord Medicine</i> , 2006, 29, 138-146.	0.7	43
57	Bilateral differences in lower-limb performance in individuals with multiple sclerosis. <i>Journal of Rehabilitation Research and Development</i> , 2013, 50, 215.	1.6	41
58	Electrical stimulation-evoked resistance exercise therapy improves arterial health after chronic spinal cord injury. <i>Spinal Cord</i> , 2007, 45, 49-56.	0.9	40
59	Reduced skeletal muscle oxidative capacity and impaired training adaptations in heart failure. <i>Physiological Reports</i> , 2015, 3, e12353.	0.7	40
60	In Vivo Assessment of Mitochondrial Dysfunction in Clinical Populations Using Near-Infrared Spectroscopy. <i>Frontiers in Physiology</i> , 2017, 8, 689.	1.3	40
61	Relationship between blood velocity and conduit artery diameter and the effects of smoking on vascular responsiveness. <i>Journal of Applied Physiology</i> , 2004, 96, 2139-2145.	1.2	38
62	Activity-Induced Changes in Skeletal Muscle Metabolism Measured with Optical Spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 2346-2352.	0.2	38
63	Skeletal muscle oxidative capacity in patients with cystic fibrosis. <i>Experimental Physiology</i> , 2015, 100, 545-552.	0.9	37
64	Noninvasive assessment of vascular function in the posterior tibial artery of healthy humans. <i>Dynamic Medicine: DM</i> , 2003, 2, 1.	2.7	35
65	Endurance neuromuscular electrical stimulation training improves skeletal muscle oxidative capacity in individuals with motorâ€complete spinal cord injury. <i>Muscle and Nerve</i> , 2017, 55, 669-675.	1.0	34
66	Doppler ultrasound assessment of posterior tibial artery size in humans. <i>Journal of Clinical Ultrasound</i> , 2006, 34, 223-230.	0.4	32
67	Application of <sup>31</sup> P Magnetic Resonance Spectroscopy to the Study of Athletic Performance. <i>Sports Medicine</i> , 1988, 5, 312-321.	3.1	31
68	Impaired oxygen delivery to muscle in chronic fatigue syndrome. <i>Clinical Science</i> , 1999, 97, 603.	1.8	31
69	Nuclear Magnetic Resonance Spectroscopy. <i>Chest</i> , 1999, 116, 1434-1441.	0.4	30
70	The effects of aging and activity on muscle blood flow. <i>Dynamic Medicine: DM</i> , 2002, 1, 2.	2.7	30
71	Skeletal muscle metabolic adaptations to endurance exercise training are attainable in mice with simvastatin treatment. <i>PLoS ONE</i> , 2017, 12, e0172551.	1.1	30
72	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.	1.2	29

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73	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.	0.8	29
74	Time course of exercise induced alterations in daily activity in chronic fatigue syndrome. <i>Dynamic Medicine: DM</i> , 2005, 4, 10.	2.7	28
75	Velocity Acceleration as a Determinant of Flow-Mediated Dilation. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 580-592.	0.7	28
76	Skeletal muscle oxidative capacity in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2014, 50, 767-774.	1.0	28
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.	0.5	26
78	Postmeal exercise blunts postprandial glucose excursions in people on metformin monotherapy. <i>Journal of Applied Physiology</i> , 2017, 123, 444-450.	1.2	26
79	Muscle Fatigue: The Role of Metabolism. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2002, 27, 70-82.	1.7	25
80	The reproducibility of measurements of intramuscular magnesium concentrations and muscle oxidative capacity using 31P MRS. <i>Dynamic Medicine: DM</i> , 2009, 8, 5.	2.7	25
81	Peak and time-integrated shear rates independently predict flow-mediated dilation. <i>Journal of Clinical Ultrasound</i> , 2012, 40, 341-351.	0.4	25
82	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.	0.8	25
83	Effects of Sprint Interval Cycling on Fatigue, Energy, and Cerebral Oxygenation. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 615-624.	0.2	25
84	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.	1.1	25
85	Mitochondrial capacity, muscle endurance, and low energy in friedreich ataxia. <i>Muscle and Nerve</i> , 2017, 56, 773-779.	1.0	25
86	Canine X-linked muscular dystrophy studied with in vivo phosphorus magnetic resonance spectroscopy. <i>Muscle and Nerve</i> , 1991, 14, 1091-1098.	1.0	24
87	The influence of physical activity and yoga on central arterial stiffness. <i>Dynamic Medicine: DM</i> , 2008, 7, 2.	2.7	23
88	Occasional Cigarette Smoking Chronically Affects Arterial Function. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 1885-1892.	0.7	22
89	Measuring reactive hyperemia in the lower limb using near-infrared spectroscopy. <i>Journal of Biomedical Optics</i> , 2016, 21, 091302.	1.4	22
90	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.	1.3	22

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91	The Influence of Passive Stretch on Muscle Oxygen Saturation. <i>Advances in Experimental Medicine and Biology</i> , 2010, 662, 317-322.	0.8	22
92	Skeletal muscle mitochondrial capacity in people with multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2016, 2, 205521731667802.	0.5	21
93	Force Per Active Area and Muscle Injury during Electrically Stimulated Contractions. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1596-1604.	0.2	20
94	Soluble TNF and IL-6 receptors: Indicators of vascular health in women without cardiovascular disease. <i>Vascular Medicine</i> , 2013, 18, 282-289.	0.8	20
95	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, 627-632.	0.5	20
96	Application of Multiple NIRS Imaging Device to the Exercising Muscle Metabolism. <i>Spectroscopy</i> , 2003, 17, 549-558.	0.8	19
97	Acute exercise improves endothelial function despite increasing vascular resistance during stress in smokers and nonsmokers. <i>Psychophysiology</i> , 2011, 48, 1299-1308.	1.2	19
98	Comparisons of ultrasound-estimated intramuscular fat with fitness and health indicators. <i>Muscle and Nerve</i> , 2016, 54, 743-749.	1.0	19
99	Increase of free Mg <sup>2+</sup> in the skeletal muscle of chronic fatigue syndrome patients. <i>Dynamic Medicine: DM</i> , 2006, 5, 1.	2.7	18
100	Characteristics of cat skeletal muscles grafted with intact nerves or with anastomosed nerves. <i>Experimental Neurology</i> , 1983, 80, 682-696.	2.0	17
101	Lower-limb performance disparities: Implications for exercise prescription in multiple sclerosis. <i>Journal of Rehabilitation Research and Development</i> , 2014, 51, 1537-1544.	1.6	17
102	Near infrared spectroscopy-guided exercise training for claudication in peripheral arterial disease. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 471-480.	0.8	17
103	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.	0.4	16
104	Interpretation of Near-Infrared Spectroscopy (NIRS) Signals in Skeletal Muscle. <i>Journal of Functional Morphology and Kinesiology</i> , 2019, 4, 28.	1.1	16
105	Exercise-induced injury to skeletal muscle. <i>Federation Proceedings</i> , 1986, 45, 2933-6.	1.3	16
106	Increasing blood flow before exercise in spinal cord-injured individuals does not alter muscle fatigue. <i>Journal of Applied Physiology</i> , 2004, 96, 477-482.	1.2	14
107	Blood flow response to a postural challenge in older men and women. <i>Dynamic Medicine: DM</i> , 2004, 3, 1.	2.7	14
108	Muscle Dysfunction and Walking Impairment in Women with Multiple Sclerosis. <i>International Journal of MS Care</i> , 2019, 21, 249-256.	0.4	14

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109	Exercise after You Eat: Hitting the Postprandial Glucose Target. <i>Frontiers in Endocrinology</i> , 2017, 8, 228.	1.5	13
110	Biochemical adaptations to training: implications for resisting muscle fatigue. <i>Canadian Journal of Physiology and Pharmacology</i> , 1991, 69, 274-278.	0.7	11
111	In vivo determination of altered hemoglobin saturation in dogs with M-type phosphofructokinase deficiency. , 1999, 22, 621-627.		11
112	Low-Frequency Fatigue in Individuals With Spinal Cord Injury. <i>Journal of Spinal Cord Medicine</i> , 2007, 30, 458-466.	0.7	11
113	A wellness program for individuals with disabilities: Using a student wellness coach approach. <i>Disability and Health Journal</i> , 2015, 8, 345-352.	1.6	11
114	CrossTalk proposal: Skeletal muscle oxidative capacity is altered in patients with cystic fibrosis. <i>Journal of Physiology</i> , 2017, 595, 1423-1425.	1.3	11
115	Near Infrared Spectroscopy Measurements of Mitochondrial Capacity Using Partial Recovery Curves. <i>Frontiers in Physiology</i> , 2020, 11, 111.	1.3	11
116	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.	0.4	11
117	Leptin, Blood Pressure, and Aerobic Capacity in Women. <i>American Journal of Hypertension</i> , 2008, 21, 1245-1250.	1.0	10
118	Evaluation of a new $^1\text{H}/^{31}\text{P}$ dual-tuned birdcage coil for $^{31}\text{P}$ spectroscopy. <i>Concepts in Magnetic Resonance Part B</i> , 2013, 43, 90-99.	0.3	9
119	Experimental intermittent ischemia augments exercise-induced inflammatory cytokine production. <i>Journal of Applied Physiology</i> , 2017, 123, 434-441.	1.2	9
120	The effects of exercise on mood and prefrontal brain responses to emotional scenes in smokers. <i>Physiology and Behavior</i> , 2020, 213, 112721.	1.0	8
121	Muscle-specific endurance of the trapezius muscles using electrical twitch mechanomyography. <i>Shoulder and Elbow</i> , 2018, 10, 136-143.	0.7	7
122	Case Report: 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.	0.4	7
123	Flow-mediated dilation and cardiovascular disease. <i>Journal of Applied Physiology</i> , 2012, 112, 1957-1958.	1.2	6
124	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.	1.2	6
125	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.	1.2	6
126	Near infrared spectroscopy in the evaluation of skeletal muscle disease. <i>Muscle and Nerve</i> , 2002, 25, 629-631.	1.0	5



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127	Hamstrings and Quadriceps Muscles Function in Subjects with Prior ACL Reconstruction Surgery. <i>Journal of Functional Morphology and Kinesiology</i> , 2018, 3, 56.	1.1	5
128	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.	0.5	4
129	Effects of Resting, Consecutive, Long-Duration Water Immersions on Neuromuscular Endurance in Well-Trained Males. <i>Frontiers in Physiology</i> , 2018, 9, 977.	1.3	4
130	Effects of Repeated, Long-Duration Hyperoxic Water Immersions on Neuromuscular Endurance in Well-Trained Males. <i>Frontiers in Physiology</i> , 2019, 10, 858.	1.3	4
131	Bilateral NIRS measurements of muscle mitochondrial capacity: Feasibility and repeatability. <i>Physiological Reports</i> , 2021, 9, e14826.	0.7	4
132	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.	0.9	4
133	Is Sleep Disordered Breathing Confounding Rehabilitation Outcomes in Spinal Cord Injury Research?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 1034-1045.	0.5	4
134	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.	0.2	4
135	Comparison of Different Bicycle Ergometer Protocols in Elderly Males. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 1993, 13, 126-133.	0.5	3
136	Magnetic resonance as a tool to study sarcopenia. <i>Muscle and Nerve</i> , 1997, 20, 102-106.	1.0	3
137	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.	0.7	3
138	Muscle-Specific Endurance of the Lower Back Erectors Using Electrical Twitch Mechanomyography. <i>Journal of Functional Morphology and Kinesiology</i> , 2019, 4, 12.	1.1	3
139	The Case for Measuring Long Bone Hemodynamics With Near-Infrared Spectroscopy. <i>Frontiers in Physiology</i> , 2020, 11, 615977.	1.3	3
140	Magnetic Resonance Spectroscopy of Muscle Bioenergetics. , 1994, , 405-412.		3
141	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, 93-99.	0.5	3
142	Noninvasive measures of muscle metabolism. , 2000, , 485-509.		2
143	Caffeine Attenuates Delayed Onset Muscle Pain Following Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S175.	0.2	2
144	Impact of marriage on physical activity behavior in women with multiple sclerosis. <i>Disability and Rehabilitation</i> , 2022, 44, 5941-5949.	0.9	2

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145	Enhanced Strength, Power, Work Capacity, and Fatigue Resistance in High Intensity Functional Training Athletes. <i>FASEB Journal</i> , 2019, 33, 695.11.	0.2	2
146	Running for health: how much running for how much health?. <i>Clinical Science</i> , 2004, 107, 559-560.	1.8	1
147	Femoral artery diameter and arteriogenic cytokines in healthy women. <i>Vascular Pharmacology</i> , 2009, 50, 104-109.	1.0	1
148	Postcontractile blood flow as a window to cardiovascular disease?. <i>Journal of Applied Physiology</i> , 2011, 111, 8-9.	1.2	1
149	The Effect Of A Single Bout Of Sprint Interval Cycling On Subjective Fatigue And Cerebral Oxygenation. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 600.	0.2	1
150	Impact of Post-Exercise Muscle Oxygen Saturation Levels on Measurements of Metabolic Rate Measured with Near Infrared Spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 291.	0.2	1
151	Forearm Endurance Training in a Woman With Kearns-Sayre Syndrome: Case Report. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, e136.	0.5	1
152	Measuring Reactive Hyperemia In The Lower Limb Using Near-infrared Spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1030-1031.	0.2	1
153	BENEFITS OF INCORPORATING HIIT PROGRAMS FOR INDIVIDUALS WITH DOWN SYNDROME. <i>ACSM's Health and Fitness Journal</i> , 2020, 24, 18-23.	0.3	1
154	Impact Of Marriage On Physical Activity Behavior In Women With Multiple Sclerosis. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 291-291.	0.2	1
155	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.	0.0	1
156	MUSCLE MITOCHONDRIAL CAPACITY AND ENDURANCE IN ADULTS WITH TYPE 1 DIABETES. <i>Medical Research Archives</i> , 2020, 8, .	0.1	1
157	Mitochondrial capacity using NIRS and incomplete recovery curves: Proximal and Medial Vastus Lateralis muscle (Conference Presentation). , 2020, 11237, .		1
158	Dynamic Medicine: the start of a new online journal. <i>Dynamic Medicine: DM</i> , 2002, 1, 1.	2.7	0
159	Imaging of Heart, Muscle, Vessels. , 0, , 257-275.		0
160	Skeletal Muscle Adaptations to Resistance Training with Ischemia. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S7-S8.	0.2	0
161	Technology to Advance Research in Kinesiology: The Case for Light, Sound, and Radiofrequencies. <i>Quest</i> , 2009, 61, 108-113.	0.8	0
162	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.	0.2	0

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