

# Kevin K Mccully

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2322788/kevin-k-mccully-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Bilateral NIRS measurements of muscle mitochondrial capacity: Feasibility and repeatability. <i>Physiological Reports</i> , <b>2021</b> , 9, e14826	2.6	1
156	Measuring tibial hemodynamics and metabolism at rest and after exercise using near-infrared spectroscopy. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2021</b> , 46, 1354-1362	3	0
155	Impact of marriage on physical activity behavior in women with multiple sclerosis. <i>Disability and Rehabilitation</i> , <b>2021</b> , 1-9	2.4	
154	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> , <b>2020</b> , 41, 065002	2.9	5
153	Near Infrared Spectroscopy Measurements of Mitochondrial Capacity Using Partial Recovery Curves. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 111	4.6	5
152	A Time-Efficient NIRS Protocol For Cross- And Within-limb Comparisons Of Muscle Oxidative Capacity. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 84-84	1.2	
151	The effects of exercise on mood and prefrontal brain responses to emotional scenes in smokers. <i>Physiology and Behavior</i> , <b>2020</b> , 213, 112721	3.5	4
150	BENEFITS OF INCORPORATING HIIT PROGRAMS FOR INDIVIDUALS WITH DOWN SYNDROME. <i>ACSMs Health and Fitness Journal</i> , <b>2020</b> , 24, 18-23	0.9	
149	The Case For Measuring Long Bone Hemodynamics With Near-Infrared Spectroscopy. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 615977	4.6	1
148	The influence of muscle length on gastrocnemius and vastus lateralis muscle oxygen saturation and endurance. <i>Journal of Electromyography and Kinesiology</i> , <b>2019</b> , 49, 102358	2.5	1
147	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> , <b>2019</b> , 119, 1799-1808	3.4	16
146	Interpretation of Near-Infrared Spectroscopy (NIRS) Signals in Skeletal Muscle. <i>Journal of Functional Morphology and Kinesiology</i> , <b>2019</b> , 4,	2.4	4
145	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> , <b>2019</b> , 81, 110-122 <sup>3</sup>	2.3	15
144	Muscle-Specific Endurance of the Lower Back Erectors Using Electrical Twitch Mechanomyography. <i>Journal of Functional Morphology and Kinesiology</i> , <b>2019</b> , 4,	2.4	2
143	Adherence and Continued Participation in a Wellness Class for Individuals with Disabilities. <i>Rehabilitation Process and Outcome</i> , <b>2019</b> , 8, 1179572719843257	0.5	
142	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> , <b>2019</b> , 69, 799-811	2.3	23
141	Effects of Repeated, Long-Duration Hyperoxic Water Immersions on Neuromuscular Endurance in Well-Trained Males. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 858	4.6	2

140	Muscle Dysfunction and Walking Impairment in Women with Multiple Sclerosis. <i>International Journal of MS Care</i> , <b>2019</b> , 21, 249-256	2.3	5
139	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> , <b>2019</b> , 21, 166-172	2.3	2
138	Improving the Efficiency of Mitochondrial Capacity Measurements Using Near Infrared Spectroscopy. <i>FASEB Journal</i> , <b>2019</b> , 33, 697.3	0.9	
137	Enhanced Strength, Power, Work Capacity, and Fatigue Resistance in High Intensity Functional Training Athletes. <i>FASEB Journal</i> , <b>2019</b> , 33, 695.11	0.9	1
136	Near infrared spectroscopy-guided exercise training for claudication in peripheral arterial disease. <i>European Journal of Preventive Cardiology</i> , <b>2019</b> , 26, 471-480	3.9	14
135	Wellness and multiple sclerosis: The National MS Society establishes a Wellness Research Working Group and research priorities. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 262-267	5	40
134	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> , <b>2018</b> , 124, 249-255	3.7	3
133	Effects of Resting, Consecutive, Long-Duration Water Immersions on Neuromuscular Endurance in Well-Trained Males. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 977	4.6	2
132	Muscle-specific endurance of the trapezius muscles using electrical twitch mechanomyography. <i>Shoulder and Elbow</i> , <b>2018</b> , 10, 136-143	1.8	4
131	Hamstrings and Quadriceps Muscles Function in Subjects with Prior ACL Reconstruction Surgery. <i>Journal of Functional Morphology and Kinesiology</i> , <b>2018</b> , 3,	2.4	3
130	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> , <b>2018</b> , 20, 186-190	2.3	4
129	CrossTalk proposal: Skeletal muscle oxidative capacity is altered in patients with cystic fibrosis. <i>Journal of Physiology</i> , <b>2017</b> , 595, 1423-1425	3.9	8
128	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> , <b>2017</b> , 126, 240-247	7.4	17
127	Rebuttal from Paula Rodriguez-Miguel, Melissa L. Erickson, Kevin K. McCully and Ryan A. Harris. <i>Journal of Physiology</i> , <b>2017</b> , 595, 1429	3.9	
126	Postmeal exercise blunts postprandial glucose excursions in people on metformin monotherapy. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 444-450	3.7	16
125	Experimental intermittent ischemia augments exercise-induced inflammatory cytokine production. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 434-441	3.7	6
124	Mitochondrial capacity, muscle endurance, and low energy in friedreich ataxia. <i>Muscle and Nerve</i> , <b>2017</b> , 56, 773-779	3.4	21
123	Outcomes After Functional Electrical Stimulation Cycle Training in Individuals with Multiple Sclerosis Who Are Nonambulatory. <i>International Journal of MS Care</i> , <b>2017</b> , 19, 113-121	2.3	12

122	The Effect of Light-Intensity Cycling on Mood and Working Memory in Response to a Randomized, Placebo-Controlled Design. <i>Psychosomatic Medicine</i> , <b>2017</b> , 79, 243-253	3.7	16
121	Endurance neuromuscular electrical stimulation training improves skeletal muscle oxidative capacity in individuals with motor-complete spinal cord injury. <i>Muscle and Nerve</i> , <b>2017</b> , 55, 669-675	3.4	25
120	Assessment of Mitochondrial Dysfunction in Clinical Populations Using Near-Infrared Spectroscopy. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 689	4.6	29
119	Exercise after You Eat: Hitting the Postprandial Glucose Target. <i>Frontiers in Endocrinology</i> , <b>2017</b> , 8, 228	5.7	8
118	Skeletal muscle metabolic adaptations to endurance exercise training are attainable in mice with simvastatin treatment. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172551	3.7	20
117	Muscle Specific Endurance of the Lower Back Erectors using Electrical Twitch Mechanography. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 1001	1.2	
116	Influence of exercise training with resveratrol supplementation on skeletal muscle mitochondrial capacity. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, 26-32	3	35
115	Comparisons of ultrasound-estimated intramuscular fat with fitness and health indicators. <i>Muscle and Nerve</i> , <b>2016</b> , 54, 743-9	3.4	11
114	Effects of Sprint Interval Cycling on Fatigue, Energy, and Cerebral Oxygenation. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 615-24	1.2	16
113	Skeletal muscle mitochondrial capacity in people with multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , <b>2016</b> , 2, 2055217316678020	2	14
112	Measuring reactive hyperemia in the lower limb using near-infrared spectroscopy. <i>Journal of Biomedical Optics</i> , <b>2016</b> , 21, 091302	3.5	11
111	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> , <b>2016</b> , 594, 7005-7014	3.9	33
110	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> , <b>2015</b> , 96, 627-32	2.8	16
109	Skeletal muscle oxidative capacity in patients with cystic fibrosis. <i>Experimental Physiology</i> , <b>2015</b> , 100, 545-52	2.4	29
108	A wellness program for individuals with disabilities: Using a student wellness coach approach. <i>Disability and Health Journal</i> , <b>2015</b> , 8, 345-52	4.2	9
107	Reduced skeletal muscle oxidative capacity and impaired training adaptations in heart failure. <i>Physiological Reports</i> , <b>2015</b> , 3, e12353	2.6	28
106	Measurement of intramuscular fat by muscle echo intensity. <i>Muscle and Nerve</i> , <b>2015</b> , 52, 963-71	3.4	179
105	Neuromuscular Electrical Stimulation-Induced Resistance Training After SCI: A Review of the Dudley Protocol. <i>Topics in Spinal Cord Injury Rehabilitation</i> , <b>2015</b> , 21, 294-302	1.5	20

104	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> , <b>2014</b> , 39, 521-9	3	41
103	Skeletal muscle oxidative capacity in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , <b>2014</b> , 50, 767-74	3.4	20
102	Lower-limb performance disparities: implications for exercise prescription in multiple sclerosis. <i>Journal of Rehabilitation Research and Development</i> , <b>2014</b> , 51, 1537-44		15
101	Near-infrared assessments of skeletal muscle oxidative capacity in persons with spinal cord injury. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 2275-83	3.4	43
100	A cross-validation of near-infrared spectroscopy measurements of skeletal muscle oxidative capacity with phosphorus magnetic resonance spectroscopy. <i>Journal of Applied Physiology</i> , <b>2013</b> , 115, 1757-66	3.7	94
99	Case report: endurance electrical stimulation training improves skeletal muscle oxidative capacity in chronic spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2013</b> , 94, 2559-2561	2.8	19
98	Electrically induced resistance training in individuals with motor complete spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2013</b> , 94, 2166-73	2.8	55
97	Activity-induced changes in skeletal muscle metabolism measured with optical spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 2346-52	1.2	30
96	Soluble TNF and IL-6 receptors: indicators of vascular health in women without cardiovascular disease. <i>Vascular Medicine</i> , <b>2013</b> , 18, 282-9	3.3	16
95	Evaluation of a New H/P Dual-Tuned Birdcage Coil for P Spectroscopy <b>2013</b> , 43, 90-99		6
94	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> , <b>2013</b> , 114, 230-7 <sup>3</sup> ·7		37
93	Skeletal muscle metabolism in endurance athletes with near-infrared spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 869-75	1.2	45
92	Bilateral differences in lower-limb performance in individuals with multiple sclerosis. <i>Journal of Rehabilitation Research and Development</i> , <b>2013</b> , 50, 215-22		33
91	Peak and time-integrated shear rates independently predict flow-mediated dilation. <i>Journal of Clinical Ultrasound</i> , <b>2012</b> , 40, 341-51	1	20
90	Velocity acceleration as a determinant of flow-mediated dilation. <i>Ultrasound in Medicine and Biology</i> , <b>2012</b> , 38, 580-92	3.5	26
89	Noninvasive evaluation of skeletal muscle mitochondrial capacity with near-infrared spectroscopy: correcting for blood volume changes. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 175-83	3.7	113
88	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> , <b>2011</b> , 369, 4591-604	3	96
87	MUSCLE RESEARCH WORK WITH BRITTON CHANCE FROM IN VIVO MAGNETIC RESONANCE SPECTROSCOPY TO NEAR-INFRARED SPECTROSCOPY. <i>Journal of Innovative Optical Health Sciences</i> , <b>2011</b> , 04, 227-237	1.2	3

86	Skeletal muscle metabolism in individuals with spinal cord injury. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 143-8	3.7	45
85	Acute exercise improves endothelial function despite increasing vascular resistance during stress in smokers and nonsmokers. <i>Psychophysiology</i> , <b>2011</b> , 48, 1299-308	4.1	16
84	Effects of incremental exercise on cerebral oxygenation measured by near-infrared spectroscopy: a systematic review. <i>Progress in Neurobiology</i> , <b>2010</b> , 92, 134-50	10.9	211
83	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> , <b>2010</b> , 42, 312	1.2	
82	The influence of passive stretch on muscle oxygen saturation. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 662, 317-22	3.6	18
81	Technology to Advance Research in Kinesiology: The Case for Light, Sound, and Radiofrequencies. <i>Quest</i> , <b>2009</b> , 61, 108-113	2.2	
80	Modeling oxygenation in venous blood and skeletal muscle in response to exercise using near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 1858-74	3.7	48
79	Femoral artery diameter and arteriogenic cytokines in healthy women. <i>Vascular Pharmacology</i> , <b>2009</b> , 50, 104-9	5.9	1
78	Dietary quercetin supplementation is not ergogenic in untrained men. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 1095-104	3.7	66
77	The reproducibility of measurements of intramuscular magnesium concentrations and muscle oxidative capacity using 31P MRS. <i>Dynamic Medicine: DM</i> , <b>2009</b> , 8, 5		24
76	The influence of physical activity and yoga on central arterial stiffness. <i>Dynamic Medicine: DM</i> , <b>2008</b> , 7, 2		18
75	Muscle injury after repeated bouts of voluntary and electrically stimulated exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, 1605-15	1.2	42
74	Leptin, blood pressure, and aerobic capacity in women. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 1245-50	2.5	10
73	Force per active area and muscle injury during electrically stimulated contractions. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, 1596-604	1.2	15
72	Occasional cigarette smoking chronically affects arterial function. <i>Ultrasound in Medicine and Biology</i> , <b>2008</b> , 34, 1885-92	3.5	18
71	Caffeine attenuates delayed-onset muscle pain and force loss following eccentric exercise. <i>Journal of Pain</i> , <b>2007</b> , 8, 237-43	5.2	58
70	Electrical stimulation-evoked resistance exercise therapy improves arterial health after chronic spinal cord injury. <i>Spinal Cord</i> , <b>2007</b> , 45, 49-56	2.7	38
69	Near-infrared spectroscopy/imaging for monitoring muscle oxygenation and oxidative metabolism in healthy and diseased humans. <i>Journal of Biomedical Optics</i> , <b>2007</b> , 12, 062105	3.5	239

68	Low-frequency fatigue in individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , <b>2007</b> , 30, 458-66	1.9	10
67	Relationship between serum leptin and systolic blood pressure, independent of adiposity, in healthy 25-40 year-old women. <i>FASEB Journal</i> , <b>2007</b> , 21, A932	0.9	
66	Doppler ultrasound assessment of posterior tibial artery size in humans. <i>Journal of Clinical Ultrasound</i> , <b>2006</b> , 34, 223-30	1	26
65	Upper vs lower extremity arterial function after spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , <b>2006</b> , 29, 138-46	1.9	38
64	Caffeine Attenuates Delayed Onset Muscle Pain Following Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, S175	1.2	2
63	Electrically stimulated resistance training in SCI individuals increases muscle fatigue resistance but not femoral artery size or blood flow. <i>Spinal Cord</i> , <b>2006</b> , 44, 227-33	2.7	43
62	Time course of exercise induced alterations in daily activity in chronic fatigue syndrome. <i>Dynamic Medicine: DM</i> , <b>2005</b> , 4, 10		21
61	Increased daily physical activity and fatigue symptoms in chronic fatigue syndrome. <i>Dynamic Medicine: DM</i> , <b>2005</b> , 4, 3		47
60	Muscle Glycolytic Metabolism In Chronic Fatigue Syndrome. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, S287	1.2	
59	Relationship between blood velocity and conduit artery diameter and the effects of smoking on vascular responsiveness. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 2139-45	3.7	33
58	Relationship between muscle architectural features and oxygenation status determined by near infrared device. <i>European Journal of Applied Physiology</i> , <b>2004</b> , 91, 273-8	3.4	53
57	BOLD MRI mapping of transient hyperemia in skeletal muscle after single contractions. <i>NMR in Biomedicine</i> , <b>2004</b> , 17, 392-8	4.4	72
56	Running for health: how much running for how much health?. <i>Clinical Science</i> , <b>2004</b> , 107, 559-60	6.5	1
55	Increasing blood flow before exercise in spinal cord-injured individuals does not alter muscle fatigue. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 477-82	3.7	11
54	Blood flow response to a postural challenge in older men and women. <i>Dynamic Medicine: DM</i> , <b>2004</b> , 3, 1		10
53	Muscle metabolism with blood flow restriction in chronic fatigue syndrome. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 871-8	3.7	46
52	Effects of Sitting and Elevation on Arterial Tone in the Posterior Tibial Artery. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, S49	1.2	3
51	Vascular remodeling after spinal cord injury. <i>Medicine and Science in Sports and Exercise</i> , <b>2003</b> , 35, 901-7	1.2	81

50	Noninvasive assessment of vascular function in the posterior tibial artery of healthy humans. <i>Dynamic Medicine: DM</i> , <b>2003</b> , 2, 1		27
49	Blood flow and muscle metabolism in chronic fatigue syndrome. <i>Clinical Science</i> , <b>2003</b> , 104, 641-7	6.5	41
48	Application of Multiple NIRS Imaging Device to the Exercising Muscle Metabolism. <i>Spectroscopy</i> , <b>2003</b> , 17, 549-558		14
47	Blood flow and muscle fatigue in SCI individuals during electrical stimulation. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 701-8	3.7	55
46	Blood flow response in individuals with incomplete spinal cord injuries. <i>Spinal Cord</i> , <b>2002</b> , 40, 639-45	2.7	38
45	Muscle fatigue: the role of metabolism. <i>Applied Physiology, Nutrition, and Metabolism</i> , <b>2002</b> , 27, 70-82		21
44	Dynamic Medicine: the start of a new online journal. <i>Dynamic Medicine: DM</i> , <b>2002</b> , 1, 1		
43	The effects of aging and activity on muscle blood flow. <i>Dynamic Medicine: DM</i> , <b>2002</b> , 1, 2		21
42	Regional difference of muscle oxygen saturation and blood volume during exercise determined by near infrared imaging device. <i>The Japanese Journal of Physiology</i> , <b>2001</b> , 51, 599-606		40
41	KEY FACTORS IN SUCCESSFUL ACTIVE AGING PROGRAMS. <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, S312	1.2	
40	Noninvasive measures of muscle metabolism <b>2000</b> , 485-509		2
39	VALIDITY FOR MEASURING SKELETAL MUSCLE OXYGEN STATUS USING FUNCTIONAL NEAR INFRARED IMAGING MACHINE. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , <b>2000</b> , 49, 211-216 <sup>0.1</sup>		
38	Near-infrared spectroscopy: what can it tell us about oxygen saturation in skeletal muscle?. <i>Exercise and Sport Sciences Reviews</i> , <b>2000</b> , 28, 123-7	6.7	178
37	In vivo determination of altered hemoglobin saturation in dogs with M-type phosphofructokinase deficiency. <i>Muscle and Nerve</i> , <b>1999</b> , 22, 621-7	3.4	8
36	Impaired oxygen delivery to muscle in chronic fatigue syndrome. <i>Clinical Science</i> , <b>1999</b> , 97, 603-608	6.5	53
35	Impaired oxygen delivery to muscle in chronic fatigue syndrome. <i>Clinical Science</i> , <b>1999</b> , 97, 603	6.5	24
34	Nuclear magnetic resonance spectroscopy: its role in providing valuable insight into diverse clinical problems. <i>Chest</i> , <b>1999</b> , 116, 1434-41	5.3	30
33	Magnetic resonance as a tool to study sarcopenia. <i>Muscle and Nerve</i> , <b>1997</b> , 20, 102-106	3.4	3



32	Use of exercise for treatment of chronic fatigue syndrome. <i>Sports Medicine</i> , <b>1996</b> , 21, 35-48	10.6	35
31	Reduced oxidative muscle metabolism in chronic fatigue syndrome. <i>Muscle and Nerve</i> , <b>1996</b> , 19, 621-5	3.4	60
30	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> , <b>1996</b> , 16, 93-9		3
29	Physical determinants of independence in mature women. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>1995</b> , 76, 373-80	2.8	73
28	Injuries during the one repetition maximum assessment in the elderly. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>1995</b> , 15, 283-7		73
27	Simultaneous in vivo measurements of HbO <sub>2</sub> saturation and PCr kinetics after exercise in normal humans. <i>Journal of Applied Physiology</i> , <b>1994</b> , 77, 5-10	3.7	180
26	Exercise-induced changes in oxygen saturation in the calf muscles of elderly subjects with peripheral vascular disease. <i>Journal of Gerontology</i> , <b>1994</b> , 49, B128-34		106
25	Magnetic Resonance Spectroscopy of Muscle Bioenergetics <b>1994</b> , 405-412		1
24	Comparison of Different Bicycle Ergometer Protocols in Elderly Males. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>1993</b> , 13, 126-133		2
23	Relationships between in vivo and in vitro measurements of metabolism in young and old human calf muscles. <i>Journal of Applied Physiology</i> , <b>1993</b> , 75, 813-9	3.7	227
22	Contribution of skeletal muscle atrophy to exercise intolerance and altered muscle metabolism in heart failure. <i>Circulation</i> , <b>1992</b> , 85, 1364-73	16.7	600
21	Muscle metabolism in track athletes, using 31P magnetic resonance spectroscopy. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1992</b> , 70, 1353-9	2.4	41
20	Noninvasive measurements of activity-induced changes in muscle metabolism. <i>Journal of Biomechanics</i> , <b>1991</b> , 24 Suppl 1, 153-61	2.9	43
19	Canine X-linked muscular dystrophy studied with in vivo phosphorus magnetic resonance spectroscopy. <i>Muscle and Nerve</i> , <b>1991</b> , 14, 1091-8	3.4	22
18	Metabolic heterogeneity in human calf muscle during maximal exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1991</b> , 88, 5714-8	11.5	68
17	Biochemical adaptations to training: implications for resisting muscle fatigue. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1991</b> , 69, 274-8	2.4	10
16	Muscle metabolism in older subjects using 31P magnetic resonance spectroscopy. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1991</b> , 69, 576-80	2.4	59
15	Metabolic effects of training in humans: a 31P-MRS study. <i>Journal of Applied Physiology</i> , <b>1990</b> , 69, 1165-70	3.7	54

14	Wrist flexor muscles of elite rowers measured with magnetic resonance spectroscopy. <i>Journal of Applied Physiology</i> , <b>1989</b> , 67, 926-32	3.7	98
13	Noninvasive detection of skeletal muscle underperfusion with near-infrared spectroscopy in patients with heart failure. <i>Circulation</i> , <b>1989</b> , 80, 1668-74	16.7	213
12	Detection of muscle injury in humans with 31-P magnetic resonance spectroscopy. <i>Muscle and Nerve</i> , <b>1988</b> , 11, 212-6	3.4	65
11	Time-resolved spectroscopy of hemoglobin and myoglobin in resting and ischemic muscle. <i>Analytical Biochemistry</i> , <b>1988</b> , 174, 698-707	3.1	296
10	Application of 31P magnetic resonance spectroscopy to the study of athletic performance. <i>Sports Medicine</i> , <b>1988</b> , 5, 312-21	10.6	22
9	Relationship of muscular fatigue to pH and diprotonated Pi in humans: a 31P-NMR study. <i>Journal of Applied Physiology</i> , <b>1988</b> , 64, 2333-9	3.7	159
8	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> , <b>1987</b> , 84, 8976-80	11.5	74
7	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> , <b>1986</b> , 83, 9458-62	11.5	243
6	Characteristics of lengthening contractions associated with injury to skeletal muscle fibers. <i>Journal of Applied Physiology</i> , <b>1986</b> , 61, 293-9	3.7	210
5	Exercise-induced injury to skeletal muscle. <i>Federation Proceedings</i> , <b>1986</b> , 45, 2933-6		16
4	Injury to skeletal muscle fibers of mice following lengthening contractions. <i>Journal of Applied Physiology</i> , <b>1985</b> , 59, 119-26	3.7	323
3	Characteristics of cat skeletal muscles grafted with intact nerves or with anastomosed nerves. <i>Experimental Neurology</i> , <b>1983</b> , 80, 682-96	5.7	17
2	Length-tension relationship of mammalian diaphragm muscles. <i>Journal of Applied Physiology</i> , <b>1983</b> , 54, 1681-6	3.7	92
1	Imaging of Heart, Muscle, Vessels 257-275		