

Michael Ivan Lindinger

List of Publications by Year in descending order

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149
papers

4,314
citations

125106

35
h-index

156644

58
g-index

153
all docs

153
docs citations

153
times ranked

2893
citing authors

#	ARTICLE	IF	CITATIONS
1	A century of exercise physiology: key concepts in muscle cell volume regulation. <i>European Journal of Applied Physiology</i> , 2022, 122, 541-559.	1.2	3
2	A century of exercise physiology: key concepts in â€¦. <i>European Journal of Applied Physiology</i> , 2022, 122, 1-4.	1.2	10
3	Critically assessing paradigms in applied exercise physiology. <i>European Journal of Applied Physiology</i> , 2022, 122, 1543-1544.	1.2	3
4	Heat adaptation in humans: extrapolating from basic to applied science. <i>European Journal of Applied Physiology</i> , 2021, 121, 1237-1238.	1.2	2
5	Regulation of muscle potassium: exercise performance, fatigue and health implications. <i>European Journal of Applied Physiology</i> , 2021, 121, 721-748.	1.2	37
6	Structured water: effects on animals. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	15
7	Tracing oral Na ⁺ and K ⁺ in sweat during exercise and recovery in horses. <i>Experimental Physiology</i> , 2021, 106, 972-982.	0.9	4
8	Preloading large volume oral electrolytes: tracing fluid and ion fluxes in horses during rest, exercise and recovery. <i>Journal of Physiology</i> , 2021, 599, 3879-3896.	1.3	4
9	In vitro Validation Assessment of a Fecal Occult Blood Protein Test for Horses. <i>Journal of Equine Veterinary Science</i> , 2021, 104, 103695.	0.4	1
10	Total Carbon Dioxide in Adult Standardbred and Thoroughbred Horses. <i>Journal of Equine Veterinary Science</i> , 2021, 106, 103730.	0.4	4
11	Changes in salivary electrolyte concentrations in mid-distance trained sled dogs during 12 weeks of incremental conditioning. <i>Physiological Reports</i> , 2020, 8, e14493.	0.7	4
12	Heat adaptation in humans: the significance of controlled and regulated variables for experimental design and interpretation. <i>European Journal of Applied Physiology</i> , 2020, 120, 2583-2595.	1.2	10
13	Drinking a structured water product on markers of hydration, airway health and heart rate variability in Thoroughbred racehorses: a small-scale, clinical field trial. <i>Veterinary Science Research</i> , 2020, 2, .	0.1	2
14	Foundational insights into the estimation of whole-body metabolic rate. <i>European Journal of Applied Physiology</i> , 2018, 118, 867-874.	1.2	9
15	A time-course evaluation of inflammatory and oxidative markers following high-intensity exercise in horses: a pilot study. <i>Journal of Applied Physiology</i> , 2018, 124, 860-865.	1.2	11
16	Effects of a Novel Dietary Supplement on Indices of Muscle Injury and Articular GAG Release in Horses. <i>Journal of Equine Veterinary Science</i> , 2017, 48, 52-60.	0.4	4
17	Reduced Dental Plaque Formation in Dogs Drinking a Solution Containing Natural Antimicrobial Herbal Enzymes and Organic Matcha Green Tea. <i>Scientifica</i> , 2016, 2016, 1-8.	0.6	7
18	Reduced high intensity training distance had no effect on VLa4 but attenuated heart rate response in 2-3-year-old Standardbred horses. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, 17.	0.5	17

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19	Acid-base physiology at rest, during exercise and in response to training. , 2014, , 855-879.		3
20	Seventy day safety assessment of an orally ingested, l-glutamine-containing oat and yeast supplement for horses. Regulatory Toxicology and Pharmacology, 2014, 70, 304-311.	1.3	3
21	Determining dehydration and its compartmentation in horses at rest and with exercise: a concise review and focus on multi-frequency bioelectrical impedance analysis. Comparative Exercise Physiology, 2014, 10, 3-11.	0.3	8
22	Pulmonary Gas Exchange and Acid-Base Balance During Exercise. , 2013, 3, 693-739.		76
23	Gastric emptying, intestinal absorption of electrolytes and exercise performance in electrolyte-supplemented horses. Experimental Physiology, 2013, 98, 193-206.	0.9	15
24	Inward Flux of Lactate- through Monocarboxylate Transporters Contributes to Regulatory Volume Increase in Mouse Muscle Fibres. PLoS ONE, 2013, 8, e84451.	1.1	7
25	Effects of Gas Exchange on Acid-Base Balance. , 2012, 2, 2203-2254.		32
26	Comments on Point:Counterpoint: Muscle lactate and H ⁺ production do/do not have a 1:1 association in skeletal muscle. Journal of Applied Physiology, 2011, 110, 1493-1496.	1.2	6
27	Volume regulation in mammalian skeletal muscle: the role of sodium-potassium-chloride cotransporters during exposure to hypertonic solutions. Journal of Physiology, 2011, 589, 2887-2899.	1.3	24
28	Reply from M. I. Lindinger, M. Leung, K. E. Trajcevski and T. J. Hawke. Journal of Physiology, 2011, 589, 5557-5557.	1.3	0
29	Lactate: metabolic fuel or poison for racehorses?. Experimental Physiology, 2011, 96, 261-261.	0.9	4
30	Lactate: metabolic fuel or poison. Experimental Physiology, 2011, 96, 1099-1100.	0.9	0
31	Antioxidant, Anti-Inflammatory and Anticatabolic Potential of Rosmarinic Acid and High-Rosmarinic Acid Mint (Mentha Spicata) in Osteoarthritis. , 2011, , 451-462.		0
32	Antiarthritic Potential of Green-Lipped Mussel and Other Marine-Based Nutraceuticals. , 2011, , 443-450.		0
33	Nutritional aspects of post exercise skeletal muscle glycogen synthesis in horses: A comparative review. Equine Veterinary Journal, 2010, 42, 274-281.	0.9	27
34	Factors contributing to plasma TCO ₂ and acid-base state in Ontario Standardbred racehorses. Equine Veterinary Journal, 2010, 42, 592-600.	0.9	10
35	Evidence-Based Botanicals in North America. , 2010, , 195-211.		0
36	Effects of nutritionally induced metabolic acidosis with or without glutamine infusion on acid-base balance, plasma amino acids, and plasma nonesterified fatty acids in sheep1. Journal of Animal Science, 2009, 87, 1077-1084.	0.2	7

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37	Evaluation of inflammatory responses induced via intra-articular injection of interleukin-1 in horses receiving a dietary nutraceutical and assessment of the clinical effects of long-term nutraceutical administration. <i>American Journal of Veterinary Research</i> , 2009, 70, 848-861.	0.3	25
38	Fluid and electrolyte supplementation after prolonged moderate-intensity exercise enhances muscle glycogen resynthesis in Standardbred horses. <i>Journal of Applied Physiology</i> , 2009, 106, 91-100.	1.2	31
39	Oral acetate supplementation after prolonged moderate intensity exercise enhances early muscle glycogen resynthesis in horses. <i>Experimental Physiology</i> , 2009, 94, 888-898.	0.9	33
40	Low quality of evidence for glucosamine-based nutraceuticals in equine joint disease: Review of <i>in vivo</i> studies. <i>Equine Veterinary Journal</i> , 2009, 41, 706-712.	0.9	20
41	Do multiple ionic interactions contribute to skeletal muscle fatigue?. <i>Journal of Physiology</i> , 2008, 586, 4039-4054.	1.3	107
42	Simulated digest of a glucosamine-based equine nutraceutical modifies effect of IL-1 in a cartilage explant model of inflammation. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2008, 31, 268-271.	0.6	4
43	Point:Counterpoint: Lactic acid is/is not the only physicochemical contributor to the acidosis of exercise. <i>Journal of Applied Physiology</i> , 2008, 105, 358-359.	1.2	20
44	Last Word on Point:Counterpoint: Lactate is/is not the only physicochemical contributor to the acidosis of exercise. <i>Journal of Applied Physiology</i> , 2008, 105, 369-369.	1.2	4
45	Effects of simulated digests of <i>Biota orientalis</i> and a dietary nutraceutical on interleukin-1 induced inflammatory responses in cartilage explants. <i>American Journal of Veterinary Research</i> , 2008, 69, 1560-1568.	0.3	10
46	Counterpoint: Lactic acid is not the only physicochemical contributor to the acidosis of exercise. <i>Journal of Applied Physiology</i> , 2008, 105, 359-361.	1.2	13
47	Muscle and blood acid-base physiology during exercise and in response to training. , 2008, , 350-381.		8
48	Origins of arterial and femoral venous acid-base responses during moderate-intensity bicycling exercise after glycogen depletion in men. <i>Equine and Comparative Exercise Physiology</i> , 2007, 4, 123-133.	0.4	1
49	Electrolyte supplementation after prolonged moderate-intensity exercise results in decreased plasma [TCO ₂] in Standardbreds. <i>Equine and Comparative Exercise Physiology</i> , 2007, 4, 149-158.	0.4	6
50	Effects of Prepartum Administration of a Monensin Controlled Release Capsule on Rumen pH, Feed Intake, and Milk Production of Transition Dairy Cows. <i>Journal of Dairy Science</i> , 2007, 90, 937-945.	1.4	45
51	The effect of oral sodium acetate administration on plasma acetate concentration and acid-base state in horses. <i>Acta Veterinaria Scandinavica</i> , 2007, 49, 38.	0.5	10
52	Effects of dietary strong acid anion challenge on regulation of acid-base balance in sheep1. <i>Journal of Animal Science</i> , 2007, 85, 2222-2229.	0.2	22
53	Anti-inflammatory and chondroprotective effects of nutraceuticals from Sasha's Blend in a cartilage explant model of inflammation. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 1020-1030.	1.5	23
54	Combating muscle fatigue: extracellular lactic acidosis and catecholamines. <i>Journal of Physiology</i> , 2007, 581, 419-419.	1.3	5

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55	Differential anti-inflammatory and chondroprotective effects of simulated digests of indomethacin and an herbal composite (Mobility™) in a cartilage explant model of articular inflammation. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007, 30, 523-533.	0.6	11
56	Furosemide results in an extracellular to intracellular fluid shift in horses. <i>Equine Veterinary Journal</i> , 2006, 38, 245-253.	0.9	10
57	Hydration of exercised Standardbred racehorses assessed noninvasively using multi-frequency bioelectrical impedance analysis. <i>Equine Veterinary Journal</i> , 2006, 38, 285-290.	0.9	10
58	Lactic acid accumulation is an advantage/disadvantage during muscle activity. <i>Journal of Applied Physiology</i> , 2006, 100, 2100-2102.	1.2	13
59	Effects of mild heat stress and grain challenge on acid-base balance and rumen tissue histology in lambs. <i>Journal of Animal Science</i> , 2006, 84, 447-455.	0.2	86
60	Daily variation in plasma electrolyte and acid-base status in fasted horses over a 25 h period of rest. <i>Equine and Comparative Exercise Physiology</i> , 2006, 3, 29-36.	0.4	4
61	Hematological and acid-base changes in men during prolonged exercise with and without sodium-lactate infusion. <i>Journal of Applied Physiology</i> , 2005, 98, 856-865.	1.2	35
62	Time course and magnitude of fluid and electrolyte shifts during recovery from high-intensity exercise in Standardbred racehorses. <i>Equine and Comparative Exercise Physiology</i> , 2005, 2, 77-87.	0.4	17
63	Intracellular [H ⁺]: a determinant of cell volume in skeletal muscle. <i>Journal of Physiology</i> , 2005, 563, 643-643.	1.3	3
64	Determinants of surface membrane and transverse-tubular excitability in skeletal muscle: implications for high-intensity exercise. <i>Equine and Comparative Exercise Physiology</i> , 2005, 2, 209-217.	0.4	6
65	Physicochemical analysis of acid-base status during recovery from high-intensity exercise in Standardbred racehorses. <i>Equine and Comparative Exercise Physiology</i> , 2005, 2, 119-127.	0.4	10
66	Applying physicochemical principles to skeletal muscle acid-base status. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R891-R894.	0.9	64
67	Association of maximum voluntary dietary intake of freeze-dried garlic with Heinz body anemia in horses. <i>American Journal of Veterinary Research</i> , 2005, 66, 457-465.	0.3	39
68	Cyclical plasma electrolyte and acid-base responses to meal feeding in horses over a 24-h period. <i>Equine and Comparative Exercise Physiology</i> , 2005, 2, 159-169.	0.4	9
69	An improved method for constructing and selectively silanizing double-barreled, neutral liquid-carrier, ion-selective microelectrodes. <i>Biological Procedures Online</i> , 2005, 7, 31-40.	1.4	7
70	Time course and magnitude of changes in total body water, extracellular fluid volume, intracellular fluid volume and plasma volume during submaximal exercise and recovery in horses. <i>Equine and Comparative Exercise Physiology</i> , 2004, 1, 131-139.	0.4	10
71	The Effects of Subacute Ruminal Acidosis on Sodium Bicarbonate-Supplemented Water Intake for Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2004, 87, 2248-2253.	1.4	27
72	Chronic Metabolic Acidosis Increases mRNA Levels for Components of the Ubiquitin-Mediated Proteolytic Pathway in Skeletal Muscle of Dairy Cows. <i>Journal of Nutrition</i> , 2004, 134, 558-561.	1.3	16

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73	Exercise: a paradigm for multi-system control of acid-base state. <i>Journal of Physiology</i> , 2003, 550, 334-334.	1.3	5
74	Exercise-induced Changes in Plasma Composition Increase Erythrocyte Na ⁺ , K ⁺ ATPase, but not Na ⁺ K ⁺ 2Cl ⁻ Cotransporter, Activity to Stimulate net and Unidirectional K ⁺ Transport in Humans. <i>Journal of Physiology</i> , 2003, 553, 987-997.	1.3	12
75	Short Communication: Effects of Subacute Ruminal Acidosis on Free-Choice Intake of Sodium Bicarbonate in Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2003, 86, 954-957.	1.4	21
76	Riding the Tides: K ⁺ Concentration and Volume Regulation by Muscle Na ⁺ -K ⁺ -2Cl ⁻ Cotransport Activity. <i>Physiology</i> , 2003, 18, 196-200.	1.6	26
77	K ⁺ Transport and Volume Regulatory Response by NKCC in Resting Rat Hindlimb Skeletal Muscle. <i>Cellular Physiology and Biochemistry</i> , 2002, 12, 279-292.	1.1	35
78	Effects of a Subacute Ruminal Acidosis Model on the Diet Selection of Dairy Cows. <i>Journal of Dairy Science</i> , 2002, 85, 3304-3313.	1.4	172
79	Lactate and glucose interactions during rest and exercise in men: effect of exogenous lactate infusion. <i>Journal of Physiology</i> , 2002, 544, 963-975.	1.3	172
80	An integrative, in situ approach to examining K ⁺ flux in resting skeletal muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001, 79, 996-1006.	0.7	22
81	Ouabain stimulates unidirectional and net potassium efflux in resting mammalian skeletal muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001, 79, 932-941.	0.7	6
82	An integrative, in situ approach to examining K ⁺ flux in resting skeletal muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001, 79, 996-1006.	0.7	10
83	Heat storage in horses during submaximal exercise before and after humid heat acclimation. <i>Journal of Applied Physiology</i> , 2000, 89, 2283-2293.	1.2	52
84	Total body water and ECFV measured using bioelectrical impedance analysis and indicator dilution in horses. <i>Journal of Applied Physiology</i> , 2000, 89, 663-671.	1.2	50
85	NaHCO ₃ and KHCO ₃ ingestion rapidly increases renal electrolyte excretion in humans. <i>Journal of Applied Physiology</i> , 2000, 88, 540-550.	1.2	53
86	Heat acclimation improves regulation of plasma volume and plasma Na ⁺ content during exercise in horses. <i>Journal of Applied Physiology</i> , 2000, 88, 1006-1013.	1.2	36
87	Role of skeletal muscle in plasma ion and acid-base regulation after NaHCO ₃ and KHCO ₃ loading in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R32-R43.	0.9	20
88	Equine sweating responses to submaximal exercise during 21 days of heat acclimation. <i>Journal of Applied Physiology</i> , 1999, 87, 1843-1851.	1.2	41
89	Exercise-induced stimulation of K ⁺ transport in human erythrocytes. <i>Journal of Applied Physiology</i> , 1999, 87, 2157-2167.	1.2	12
90	K ⁺ transport in resting rat hind-limb skeletal muscle in response to paraxanthine, a caffeine metabolite. <i>Canadian Journal of Physiology and Pharmacology</i> , 1999, 77, 835-843.	0.7	13

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91	Thermionic electron emission of small tungsten cluster anions on the milliseconds time scale. <i>Journal of Chemical Physics</i> , 1999, 110, 8754-8766.	1.2	28
92	Increased flow rate and papaverine increase K ⁺ exchange in perfused rat hind-limb skeletal muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , 1999, 77, 536-543.	0.7	7
93	Exercise in the Heat: Thermoregulatory Limitations to Performance in Humans and Horses. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1999, 24, 152-163.	1.7	47
94	Increased flow rate and papaverine increase K ⁺ exchange in perfused rat hind-limb skeletal muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , 1999, 77, 536-543.	0.7	2
95	Time-resolved photofragmentation of stored silver clusters Ag _n ⁺ (n=8-21). <i>Physical Review A</i> , 1998, 57, 2786-2793.	1.0	68
96	Sarcoplasmic reticulum responses to repeated sprints are affected by conditioning of horses. <i>Journal of Animal Science</i> , 1998, 76, 3065.	0.2	20
97	Distribution of lactate and other ions in inactive skeletal muscle: influence of hyperkalemic lactacidosis. <i>Canadian Journal of Physiology and Pharmacology</i> , 1997, 75, 1375-1386.	0.7	6
98	Time resolved photofragmentation of Au _n ⁺ and Ag _n ⁺ clusters (n = 9, 21). <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1997, 40, 347-350.	1.0	26
99	Metabolite accumulation increases adenine nucleotide degradation and decreases glycogenolysis in ischaemic rat skeletal muscle. <i>Acta Physiologica Scandinavica</i> , 1997, 161, 203-210.	2.3	10
100	L-type Ca ²⁺ channel and Na ⁺ /Ca ²⁺ exchange inhibitors reduce Ca ²⁺ accumulation in reperfused skeletal muscle. <i>Journal of Applied Physiology</i> , 1996, 80, 1263-1269.	1.2	8
101	Photo fragmentation of metal clusters stored in a penning trap. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1996, 38, 51-58.	1.0	34
102	Stimulation of Na ⁺ , K ⁺ -pump activity in skeletal muscle by methylxanthines: evidence and proposed mechanisms. <i>Acta Physiologica Scandinavica</i> , 1996, 156, 347-353.	2.3	26
103	Time resolved photofragmentation of Au ₁₅ clusters. <i>Chemical Physics Letters</i> , 1996, 256, 77-82.	1.2	29
104	DELAYED ELECTRON EMISSION OF NEGATIVELY CHARGED TUNGSTEN CLUSTERS. <i>Surface Review and Letters</i> , 1996, 03, 541-544.	0.5	20
105	Adaptations to daily exercise in hot and humid ambient conditions in trained Thoroughbred horses. <i>Equine Veterinary Journal</i> , 1996, 28, 63-68.	0.9	17
106	Trapped metal cluster ions. <i>Physica Scripta</i> , 1995, T59, 236-243.	1.2	51
107	Photofragmentation of stored cluster ions. <i>AIP Conference Proceedings</i> , 1995, , .	0.3	0
108	K ⁺ and Lac ⁻ distribution in humans during and after high-intensity exercise: role in muscle fatigue attenuation?. <i>Journal of Applied Physiology</i> , 1995, 78, 765-777.	1.2	112

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109	A Penning trap mass spectrometer for the study of cluster ions. Review of Scientific Instruments, 1995, 66, 4902-4910.	0.6	68
110	Potassium regulation during exercise and recovery in humans: Implications for skeletal and cardiac muscle. Journal of Molecular and Cellular Cardiology, 1995, 27, 1011-1022.	0.9	106
111	Origins of [H ⁺] Changes in Exercising Skeletal Muscle. Applied Physiology, Nutrition, and Metabolism, 1995, 20, 357-368.	1.7	32
112	Heat stress and acclimation in the performance horse: where we are and where we are going. Equine Veterinary Education, 1995, 7, 256-262.	0.3	6
113	Preparing for and competing in the heat: the human perspective. Equine Veterinary Journal, 1995, 27, 8-15.	0.9	6
114	Water and ion losses during the cross-country phase of eventing. Equine Veterinary Journal, 1995, 27, 111-119.	0.9	17
115	Thermal and cardiorespiratory responses of horses to submaximal exercise under hot and humid conditions. Equine Veterinary Journal, 1995, 27, 125-132.	0.9	38
116	Plasma volume and ions during exercise in cool, dry; hot, dry; and hot, humid conditions. Equine Veterinary Journal, 1995, 27, 133-139.	0.9	14
117	Sweating rate and sweat composition during exercise and recovery in ambient heat and humidity. Equine Veterinary Journal, 1995, 27, 153-157.	0.9	39
118	Plasma volume and ion regulation during exercise after low- and high-carbohydrate diets. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1994, 266, R1896-R1906.	0.9	35
119	External-ion accumulation in a Penning trap with quadrupole excitation assisted buffer gas cooling. International Journal of Mass Spectrometry and Ion Processes, 1994, 132, 181-191.	1.9	63
120	Collision induced dissociation of stored gold cluster ions. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1994, 30, 341-348.	1.0	42
121	Fragmentation of gold clusters stored in a penning trap. Rapid Communications in Mass Spectrometry, 1994, 8, 401-402.	0.7	10
122	Fragmentation pattern of gold clusters collided with xenon atoms. Computational Materials Science, 1994, 2, 633-637.	1.4	15
123	Au-induced decomposition of N ₂ O. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1994, 98, 1608-1612.	0.9	16
124	Pyruvate dehydrogenase activity and acetyl group accumulation during exercise after different diets. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E752-E760.	1.8	106
125	Caffeine attenuates the exercise-induced increase in plasma [K ⁺] in humans. Journal of Applied Physiology, 1993, 74, 1149-1155.	1.2	103
126	Energy metabolism and adenine nucleotide degradation in twitch-stimulated rat hindlimb during ischemia-reperfusion. American Journal of Physiology - Endocrinology and Metabolism, 1993, 264, E655-E661.	1.8	9

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127	Erythrocyte ion regulation across inactive muscle during leg exercise. Canadian Journal of Physiology and Pharmacology, 1992, 70, 1625-1633.	0.7	20
128	Blood ion regulation during repeated maximal exercise and recovery in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1992, 262, R126-R136.	0.9	83
129	The roles of ion fluxes in skeletal muscle fatigue. Canadian Journal of Physiology and Pharmacology, 1991, 69, 246-253.	0.7	74
130	Potassium Regulation during Exercise and Recovery. Sports Medicine, 1991, 11, 382-401.	3.1	88
131	Lactate metabolism in inactive skeletal muscle during lactacidosis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1991, 261, R98-R105.	0.9	11
132	Cluster isobars for high-precision mass spectrometry. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1991, 20, 441-443.	1.0	13
133	Contribution of erythrocytes to the control of the electrolyte changes of exercise. Canadian Journal of Physiology and Pharmacology, 1991, 69, 984-993.	0.7	50
134	Quadrupole-detection FT-ICR mass spectrometry. International Journal of Mass Spectrometry and Ion Processes, 1990, 98, 25-33.	1.9	62
135	Role of nonworking muscle on blood metabolites and ions with intense intermittent exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1990, 258, R1486-R1494.	0.9	40
136	Parametric excitation/dipole detection Fourier transform ion cyclotron resonance spectrometry. Review of Scientific Instruments, 1990, 61, 1055-1058.	0.6	36
137	Effects of alkalosis on muscle ions at rest and with intense exercise. Canadian Journal of Physiology and Pharmacology, 1990, 68, 820-829.	0.7	38
138	Muscle glycogenolysis and H ⁺ concentration during maximal intermittent cycling. Journal of Applied Physiology, 1989, 66, 8-13.	1.2	233
139	Renal responses to exercise-induced lactic acidosis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1989, 257, R102-R108.	0.9	12
140	Role of lungs and inactive muscle in acid-base control after maximal exercise. Journal of Applied Physiology, 1988, 65, 2090-2096.	1.2	71
141	Ion fluxes during tetanic stimulation in isolated perfused rat hindlimb. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1988, 254, R117-R126.	0.9	26
142	Factors influencing hydrogen ion concentration in muscle after intense exercise. Journal of Applied Physiology, 1988, 65, 2080-2089.	1.2	156
143	Effects of intense swimming and tetanic electrical stimulation on skeletal muscle ions and metabolites. Journal of Applied Physiology, 1987, 63, 2331-2339.	1.2	51
144	Intracellular ion content of skeletal muscle measured by instrumental neutron activation analysis. Journal of Applied Physiology, 1987, 63, 426-433.	1.2	32

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145	Acid-Base and Ion Regulation in the Bullfrog <i>Rana catesbeiana</i> during and following Severe Hypoxia. <i>Physiological Zoology</i> , 1987, 60, 424-436.	1.5	6
146	Cutaneous and renal responses to intravascular infusions of HCl and NH ₄ Cl in the bullfrog (<i>Rana</i>) Tj ETQq0 0 0 rgBT, Overlock 10 Tf 50	0.7	7
147	Effects of alkalosis on skeletal muscle metabolism and performance during exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1986, 251, R833-R839.	0.9	32
148	Acid-base and respiratory properties of a buffered bovine erythrocyte perfusion medium. <i>Canadian Journal of Physiology and Pharmacology</i> , 1986, 64, 550-555.	0.7	14
149	Fine structure of the abdominal epidermis of the adult mudpuppy, <i>Necturus maculosus</i> (Rafinesque). <i>Cell and Tissue Research</i> , 1984, 238, 395-405.	1.5	12