

George A Brooks

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3060519/george-a-brooks-publications-by-year.pdf>

Version: 2024-04-24

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.

140
papers

12,911
citations

55
h-index

113
g-index

153
ext. papers

14,666
ext. citations

4.6
avg, IF

7
L-index

#	Paper	IF	Citations
140	Chronic Lactate Exposure Decreases Mitochondrial Function by Inhibition of Fatty Acid Uptake and Cardiopilin Alterations in Neonatal Rat Cardiomyocytes.. <i>Frontiers in Nutrition</i> , 2022 , 9, 809485	6.2	0
139	Authors' Reply to Monferrer-Marín J, et al.: Assessment of Metabolic Flexibility by Means of Measuring Blood Lactate, Fat, and Carbohydrate Oxidation Responses to Exercise in Professional Endurance Athletes and Less-Fit Individuals.. <i>Sports Medicine</i> , 2022 , 1	10.6	
138	Reply from George A. Brooks.. <i>Journal of Physiology</i> , 2022 ,	3.9	
137	Hyperlactatemia in diabetic ketoacidosis. <i>Diabetic Medicine</i> , 2021 , e14723	3.5	0
136	Role of the Heart in Lactate Shuttling. <i>Frontiers in Nutrition</i> , 2021 , 8, 663560	6.2	4
135	The "Anaerobic Threshold" Concept Is Not Valid in Physiology and Medicine. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1093-1096	1.2	3
134	The anaerobic threshold: 50+ years of controversy. <i>Journal of Physiology</i> , 2021 , 599, 737-767	3.9	53
133	Reply from David Poole, Harry Rossiter, George Brooks and L. Bruce Gladden. <i>Journal of Physiology</i> , 2021 , 599, 1715-1716	3.9	
132	Reply from George A. Brooks, Harry B. Rossiter, David C. Poole and L. Bruce Gladden. <i>Journal of Physiology</i> , 2021 , 599, 1711-1712	3.9	
131	Lactate in contemporary biology: a phoenix risen. <i>Journal of Physiology</i> , 2021 ,	3.9	14
130	The tortuous path of lactate shuttle discovery: From cinders and boards to the lab and ICU. <i>Journal of Sport and Health Science</i> , 2020 , 9, 446-460	8.2	10
129	Lactate as a fulcrum of metabolism. <i>Redox Biology</i> , 2020 , 35, 101454	11.3	97
128	The Precious Few Grams of Glucose During Exercise. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
127	Is Lactate an Oncometabolite? Evidence Supporting a Role for Lactate in the Regulation of Transcriptional Activity of Cancer-Related Genes in MCF7 Breast Cancer Cells. <i>Frontiers in Oncology</i> , 2019 , 9, 1536	5.3	30
126	The Science and Translation of Lactate Shuttle Theory. <i>Cell Metabolism</i> , 2018 , 27, 757-785	24.6	355
125	Assessment of Metabolic Flexibility by Means of Measuring Blood Lactate, Fat, and Carbohydrate Oxidation Responses to Exercise in Professional Endurance Athletes and Less-Fit Individuals. <i>Sports Medicine</i> , 2018 , 48, 467-479	10.6	64
124	Wearable physiological systems and technologies for metabolic monitoring. <i>Journal of Applied Physiology</i> , 2018 , 124, 548-556	3.7	39

123	Roles of estrogen receptor-alpha in mediating life span: the hypothalamic deregulation hypothesis. <i>Physiological Genomics</i> , 2017 , 49, 88-95	3.6	5
122	Reexamining cancer metabolism: lactate production for carcinogenesis could be the purpose and explanation of the Warburg Effect. <i>Carcinogenesis</i> , 2017 , 38, 119-133	4.6	263
121	Energy Flux, Lactate Shuttling, Mitochondrial Dynamics, and Hypoxia. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 903, 439-55	3.6	15
120	Fully integrated wearable sensor arrays for multiplexed in situ perspiration analysis. <i>Nature</i> , 2016 , 529, 509-514	50.4	2526
119	Endogenous Nutritive Support after Traumatic Brain Injury: Peripheral Lactate Production for Glucose Supply via Gluconeogenesis. <i>Journal of Neurotrauma</i> , 2015 , 32, 811-9	5.4	30
118	Lactate: brain fuel in human traumatic brain injury: a comparison with normal healthy control subjects. <i>Journal of Neurotrauma</i> , 2015 , 32, 820-32	5.4	91
117	Cerebral metabolism following traumatic brain injury: new discoveries with implications for treatment. <i>Frontiers in Neuroscience</i> , 2014 , 8, 408	5.1	53
116	Nutrition and Metabolism 2014 , 285-300		1
115	Gluconeogenesis and hepatic glycogenolysis during exercise at the lactate threshold. <i>Journal of Applied Physiology</i> , 2013 , 114, 297-306	3.7	51
114	Direct and indirect lactate oxidation in trained and untrained men. <i>Journal of Applied Physiology</i> , 2013 , 115, 829-38	3.7	40
113	Lactate kinetics at the lactate threshold in trained and untrained men. <i>Journal of Applied Physiology</i> , 2013 , 114, 1593-602	3.7	77
112	Unique growth pattern of human mammary epithelial cells induced by polymeric nanoparticles. <i>Physiological Reports</i> , 2013 , 1, e00027	2.6	9
111	Gluconeogenesis and hepatic glycogenolysis during exercise at the lactate threshold. <i>FASEB Journal</i> , 2013 , 27, 1132.2	0.9	
110	An interactive quantitative temporal physiological model of glucose passage and absorption through the gastrointestinal tract and subsequent modulation of insulin and glucagon secretion in humans. <i>FASEB Journal</i> , 2013 , 27, 1213.2	0.9	
109	Host metabolism regulates growth and differentiation of <i>Toxoplasma gondii</i> . <i>International Journal for Parasitology</i> , 2012 , 42, 947-59	4.3	27
108	Effects of acute and chronic exercise on sarcolemmal MCT1 and MCT4 contents in human skeletal muscles: current status. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R1-14	3.2	64
107	Bioenergetics of exercising humans. <i>Comprehensive Physiology</i> , 2012 , 2, 537-62	7.7	29
106	Exercise tames the wild side of the Myc network: a hypothesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E18-30	6	19

105	Transpulmonary lactate shuttle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R143-9	3.2	18
104	Mild heat stress induces mitochondrial biogenesis in C2C12 myotubes. <i>Journal of Applied Physiology</i> , 2012 , 112, 354-61	3.7	85
103	Energy substrate partitioning and efficiency in individuals with atherogenic lipoprotein phenotype. <i>Obesity</i> , 2011 , 19, 1360-5	8	3
102	Transpulmonary pyruvate kinetics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R769-74	3.2	18
101	Mitochondrial and plasma membrane lactate transporter and lactate dehydrogenase isoform expression in breast cancer cell lines. <i>Physiological Genomics</i> , 2011 , 43, 255-64	3.6	117
100	Twelve weeks of endurance training increases FFA mobilization and reesterification in postmenopausal women. <i>Journal of Applied Physiology</i> , 2010 , 109, 1573-81	3.7	17
99	What does glycolysis make and why is it important?. <i>Journal of Applied Physiology</i> , 2010 , 108, 1450-1	3.7	23
98	Plasma triglyceride concentrations are rapidly reduced following individual bouts of endurance exercise in women. <i>European Journal of Applied Physiology</i> , 2010 , 109, 721-30	3.4	19
97	H2O2-induced mitochondrial fragmentation in C2C12 myocytes. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 1646-54	7.8	124
96	Training improves the response in glucose flux to exercise in postmenopausal women. <i>Journal of Applied Physiology</i> , 2009 , 107, 90-7	3.7	12
95	Cell-cell and intracellular lactate shuttles. <i>Journal of Physiology</i> , 2009 , 587, 5591-600	3.9	443
94	Effects of endurance training on cardiorespiratory fitness and substrate partitioning in postmenopausal women. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1338-46	12.7	20
93	Critical importance of controlling energy status to understand the effects of "exercise" on metabolism. <i>Exercise and Sport Sciences Reviews</i> , 2008 , 36, 2-4	6.7	18
92	Mitochondrial lactate oxidation complex and an adaptive role for lactate production. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 486-94	1.2	98
91	Roles of lactate in lactate oxidation complex, mitochondrial biogenesis and cell signaling in cultured L6 skeletal muscle cells. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2008 , 57, 83-83 ^{0.1}		1
90	Glucoregulation is more precise in women than in men during postexercise recovery. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 1686-94	7	26
89	Evidence for the mitochondrial lactate oxidation complex in rat neurons: demonstration of an essential component of brain lactate shuttles. <i>PLoS ONE</i> , 2008 , 3, e2915	3.7	129
88	Energy efficiency and substrate partitioning in individuals with atherogenic lipoprotein profile. <i>FASEB Journal</i> , 2008 , 22, 1176.2	0.9	

87	Effects of endurance training on energy substrate partitioning during exercise in postmenopausal women. <i>FASEB Journal</i> , 2008 , 22, 753-15	0.9	
86	Reduced aerobic capacity in HIV infected patients is associated with decreased capacity for lactate oxidation during exercise. <i>FASEB Journal</i> , 2008 , 22, 111-111	0.9	
85	Contributions of working muscle to whole body lipid metabolism are altered by exercise intensity and training. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E107-16	6	42
84	Retention of intravenously infused [¹³ C]bicarbonate is transiently increased during recovery from hard exercise. <i>Journal of Applied Physiology</i> , 2007 , 103, 1604-12	3.7	18
83	Lipolysis and fatty acid metabolism in men and women during the postexercise recovery period. <i>Journal of Physiology</i> , 2007 , 584, 963-81	3.9	121
82	Investigation of the lactate shuttle in skeletal muscle mitochondria. <i>Journal of Physiology</i> , 2007 , 584, 705-6;author reply 707-8	3.9	18
81	Pyruvate metabolism in working human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E366	6	11
80	Substantial working muscle glycerol turnover during two-legged cycle ergometry. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E950-7	6	5
79	Lactate sensitive transcription factor network in L6 cells: activation of MCT1 and mitochondrial biogenesis. <i>FASEB Journal</i> , 2007 , 21, 2602-12	0.9	265
78	Comments on point:counterpoint: "the lactate paradox does/does not occur during exercise at high altitude". <i>Journal of Applied Physiology</i> , 2007 , 102, 2408; author reply 2409-10	3.7	3
77	Body-mind learning: a lesson for the mind from muscle. <i>Exercise and Sport Sciences Reviews</i> , 2007 , 35, 163-5	6.7	3
76	Lactate: link between glycolytic and oxidative metabolism. <i>Sports Medicine</i> , 2007 , 37, 341-3	10.6	72
75	Glucose Kinetics in HIV Infected Patients on Antiretroviral Therapy During Rest and Exercise. <i>FASEB Journal</i> , 2007 , 21, A928	0.9	
74	Colocalization of MCT1, CD147, and LDH in mitochondrial inner membrane of L6 muscle cells: evidence of a mitochondrial lactate oxidation complex. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 290, E1237-44	6	153
73	Endurance training has little effect on active muscle free fatty acid, lipoprotein cholesterol, or triglyceride net balances. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E656-65	6	18
72	Thanks Mike ???and First Shot on Obesity Management, Incentives, and Social Responsibility. <i>Exercise and Sport Sciences Reviews</i> , 2006 , 34, 2-3	6.7	
71	Palmitate oxidation during rest, exercise, and post-exercise recovery. <i>FASEB Journal</i> , 2006 , 20, A1450	0.9	
70	Evidence of a mitochondrial lactate oxidation complex at mitochondrial inner membrane in mammalian skeletal muscle cells. <i>FASEB Journal</i> , 2006 , 20, A816	0.9	

69	Tracer Measured glucose uptake by the leg demonstrates dynamic kinetics across the working muscle. <i>FASEB Journal</i> , 2006 , 20, A169	0.9	
68	Catecholamine response is attenuated during moderate-intensity exercise in response to the "lactate clamp". <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E143-7	6	26
67	Hematological and acid-base changes in men during prolonged exercise with and without sodium-lactate infusion. <i>Journal of Applied Physiology</i> , 2005 , 98, 856-65	3.7	31
66	Immunohistochemical analysis of MCT1, MCT2 and MCT4 expression in rat plantaris muscle. <i>Journal of Physiology</i> , 2005 , 567, 121-9	3.9	65
65	Governor recalled! Now what?. <i>Journal of Physiology</i> , 2005 , 568, 355	3.9	2
64	Fatty acid reesterification but not oxidation is increased by oral contraceptive use in women. <i>Journal of Applied Physiology</i> , 2005 , 98, 1720-31	3.7	38
63	Three weeks of caloric restriction alters protein metabolism in normal-weight, young men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 289, E446-55	6	47
62	Lipid oxidation in fit young adults during postexercise recovery. <i>Journal of Applied Physiology</i> , 2005 , 99, 349-56	3.7	64
61	Menstrual cycle phase and oral contraceptive effects on triglyceride mobilization during exercise. <i>Journal of Applied Physiology</i> , 2004 , 97, 302-9	3.7	69
60	Chronicle of the Institute of Medicine physical activity recommendation: how a physical activity recommendation came to be among dietary recommendations. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 921S-930S	7	153
59	MCT1 confirmed in rat striated muscle mitochondria. <i>Journal of Applied Physiology</i> , 2004 , 97, 1059-66	3.7	57
58	Pyruvate shuttling during rest and exercise before and after endurance training in men. <i>Journal of Applied Physiology</i> , 2004 , 97, 317-25	3.7	37
57	Effects of oral contraceptives on glucose flux and substrate oxidation rates during rest and exercise. <i>Journal of Applied Physiology</i> , 2003 , 94, 285-94	3.7	67
56	Peroxisomal membrane monocarboxylate transporters: evidence for a redox shuttle system?. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 304, 130-5	3.4	81
55	The Metabolic Systems: Anaerobic Metabolism (Glycolytic and Phosphagen) 2003 , 322-360		16
54	Luteal and follicular glucose fluxes during rest and exercise in 3-h postabsorptive women. <i>Journal of Applied Physiology</i> , 2002 , 93, 42-50	3.7	47
53	Lactate shuttle -- between but not within cells?. <i>Journal of Physiology</i> , 2002 , 541, 333-4	3.9	38
52	Lactate and glucose interactions during rest and exercise in men: effect of exogenous lactate infusion. <i>Journal of Physiology</i> , 2002 , 544, 963-75	3.9	131

51	Changes in MCT 1, MCT 4, and LDH expression are tissue specific in rats after long-term hypobaric hypoxia. <i>Journal of Applied Physiology</i> , 2002 , 92, 1573-84	3.7	77
50	Measurement of gluconeogenesis in exercising men by mass isotopomer distribution analysis. <i>Journal of Applied Physiology</i> , 2002 , 93, 233-41	3.7	41
49	Metabolic and cardiorespiratory responses to "the lactate clamp". <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E889-98	6	48
48	Effects of oral contraceptives on peak exercise capacity. <i>Journal of Applied Physiology</i> , 2002 , 93, 1698-702	3.7	78
47	Recovery of (13)CO ₂ during rest and exercise after [1-(13)C]acetate, [2-(13)C]acetate, and NaH(13)CO ₃ infusions. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E683-92	6	45
46	Autoregulation of glucose production in men with a glycerol load during rest and exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 280, E657-68	6	27
45	Recycling of deuterium from dideuterated glucose during moderate exercise. <i>Annals of Clinical Biochemistry</i> , 2000 , 37 (Pt 4), 540-2	2.2	1
44	Intra- and extra-cellular lactate shuttles. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 790-9	1.2	231
43	Endurance training increases gluconeogenesis during rest and exercise in men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 278, E244-51	6	88
42	Endurance training, expression, and physiology of LDH, MCT1, and MCT4 in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 278, E571-9	6	219
41	Chronically and acutely exercised rats: biomarkers of oxidative stress and endogenous antioxidants. <i>Journal of Applied Physiology</i> , 2000 , 89, 21-8	3.7	310
40	Women at altitude: carbohydrate utilization during exercise at 4,300 m. <i>Journal of Applied Physiology</i> , 2000 , 88, 246-56	3.7	94
39	Respiratory gas-exchange ratios during graded exercise in fed and fasted trained and untrained men. <i>Journal of Applied Physiology</i> , 1999 , 86, 479-87	3.7	176
38	Cardiac and skeletal muscle mitochondria have a monocarboxylate transporter MCT1. <i>Journal of Applied Physiology</i> , 1999 , 87, 1713-8	3.7	126
37	Endurance training increases fatty acid turnover, but not fat oxidation, in young men. <i>Journal of Applied Physiology</i> , 1999 , 86, 2097-105	3.7	91
36	Active muscle and whole body lactate kinetics after endurance training in men. <i>Journal of Applied Physiology</i> , 1999 , 87, 1684-96	3.7	177
35	Role of mitochondrial lactate dehydrogenase and lactate oxidation in the intracellular lactate shuttle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 1129-34	11.5	328
34	Are arterial, muscle and working limb lactate exchange data obtained on men at altitude consistent with the hypothesis of an intracellular lactate shuttle?. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 474, 185-204	3.6	8

33	Training decreases muscle glycogen turnover during exercise. <i>European Journal of Applied Physiology</i> , 1998 , 78, 479-86	3.4	25
32	Mammalian fuel utilization during sustained exercise. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1998 , 120, 89-107	2.3	163
31	Poor relationship between arterial [lactate] and leg net release during exercise at 4,300 m altitude. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998 , 275, R1192-201	3.2	29
30	Effects of exercise intensity and training on lipid metabolism in young women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998 , 275, E853-63	6	76
29	Training-induced alterations of carbohydrate metabolism in women: women respond differently from men. <i>Journal of Applied Physiology</i> , 1998 , 85, 1175-86	3.7	153
28	Training-induced alterations of glucose flux in men. <i>Journal of Applied Physiology</i> , 1997 , 82, 1360-9	3.7	101
27	Importance of the crossover concept in exercise metabolism. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997 , 24, 889-95	3	59
26	No effect of cycling experience on leg cycle ergometer efficiency. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 1396-401	1.2	49
25	Maintenance of euglycemia is impaired in gluconeogenesis-inhibited iron-deficient rats at rest and during exercise. <i>Journal of Nutrition</i> , 1994 , 124, 2131-8	4.1	4
24	Overtraining affects male reproductive status. <i>Fertility and Sterility</i> , 1993 , 60, 686-92	4.8	67
23	Tracer and nontracer studies yield similar conclusions. <i>Metabolism: Clinical and Experimental</i> , 1993 , 42, 1498-501	12.7	11
22	Current Concepts in Lactate Exchange. <i>Medicine and Science in Sports and Exercise</i> , 1991 , 23, 895-906	1.2	154
21	Iron deficiency: improved exercise performance within 15 hours of iron treatment in rats. <i>Journal of Nutrition</i> , 1990 , 120, 909-16	4.1	34
20	Selective persistence of circadian rhythms in physiological responses to exercise. <i>Chronobiology International</i> , 1990 , 7, 59-67	3.6	61
19	Lactate transport is mediated by a membrane-bound carrier in rat skeletal muscle sarcolemmal vesicles. <i>Archives of Biochemistry and Biophysics</i> , 1990 , 279, 377-85	4.1	156
18	Lactate and pyruvate transport is dominated by a pH gradient-sensitive carrier in rat skeletal muscle sarcolemmal vesicles. <i>Archives of Biochemistry and Biophysics</i> , 1990 , 279, 386-94	4.1	128
17	Effects of training on blood glucose kinetics during glucose challenge in rats. <i>Pflugers Archiv European Journal of Physiology</i> , 1988 , 412, 397-401	4.6	1
16	Glucose and lactate interrelations during moderate-intensity exercise in humans. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 850-8	12.7	78

15	The Exercise Physiology Paradigm in Contemporary Biology: To Molbiol or Not to Molbiol—What is the Question. <i>Quest</i> , 1987 , 39, 231-242	2.2	2
14	Ventilatory control studied with circulatory occlusion during exercise recovery. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1987 , 56, 299-305		7
13	The lactate shuttle during exercise and recovery. <i>Medicine and Science in Sports and Exercise</i> , 1986 , 18, 360-8	1.2	230
12	Anaerobic threshold. <i>Medicine and Science in Sports and Exercise</i> , 1985 , 17, 227-31	1.2	144
11	Ventilation studied with circulatory occlusion during two intensities of exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1985 , 54, 269-77		10
10	Metabolic bases of excess post-exercise oxygen consumption. <i>Medicine and Science in Sports and Exercise</i> , 1984 , 16, 297-303	1.2	203
9	Investigation of circadian rhythms in metabolic responses to exercise. <i>Ergonomics</i> , 1982 , 25, 1093-107	2.9	84
8	Exercise bioenergetics following sprint training. <i>Archives of Biochemistry and Biophysics</i> , 1982 , 215, 260-5	4.1	55
7	Free radicals and tissue damage produced by exercise. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 107, 1198-205	3.4	1326
6	Pulse injection, ¹³ C tracer studies of lactate metabolism in humans during rest and two levels of exercise. <i>Biomedical Mass Spectrometry</i> , 1982 , 9, 310-4		21
5	Biochemical adaptation of mitochondria, muscle, and whole-animal respiration to endurance training. <i>Archives of Biochemistry and Biophysics</i> , 1981 , 209, 539-54	4.1	358
4	Effects of training on VO ₂ max and VO ₂ during two running intensities in rats. <i>Pflugers Archiv European Journal of Physiology</i> , 1980 , 386, 215-9	4.6	39
3	Ion-retardation desalting of blood and other animal tissues for separation of soluble metabolites by two-dimensional chromatography. <i>Analytical Biochemistry</i> , 1977 , 83, 580-8	3.1	9
2	Effect of Diet and Metabolic Rate on Open Circuit Calculations of $\dot{V}O_2$ and $\dot{V}CO_2$. <i>Research Quarterly American Alliance for Health Physical Education and Recreation</i> , 1976 , 47, 731-740		
1	Trimetazidine Blocks Lipid Oxidation—Should it be Repurposed for Prevention and Treatment of Diabetic Ketoacidosis?. <i>Journal of Diabetes Science and Technology</i> , 193229682211001	4.1	