

Frank W Booth

List of Publications by Year in descending order

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129
papers

10,721
citations

57681

46
h-index

48101

92
g-index

131
all docs

131
docs citations

131
times ranked

13344
citing authors

#	ARTICLE	IF	CITATIONS
1	Lack of Exercise Is a Major Cause of Chronic Diseases. , 2012, 2, 1143-1211.		1,673
2	Neurobiology of Exercise. Obesity, 2006, 14, 345-356.	1.5	704
3	Waging war on modern chronic diseases: primary prevention through exercise biology. Journal of Applied Physiology, 2000, 88, 774-787.	1.2	571
4	Role of Inactivity in Chronic Diseases: Evolutionary Insight and Pathophysiological Mechanisms. Physiological Reviews, 2017, 97, 1351-1402.	13.1	422
5	Eating, exercise, and "thrifty" genotypes: connecting the dots toward an evolutionary understanding of modern chronic diseases. Journal of Applied Physiology, 2004, 96, 3-10.	1.2	371
6	Control of the Size of the Human Muscle Mass. Annual Review of Physiology, 2004, 66, 799-828.	5.6	359
7	Understanding the Cellular and Molecular Mechanisms of Physical Activity-Induced Health Benefits. Cell Metabolism, 2015, 22, 4-11.	7.2	345
8	Waging war on physical inactivity: using modern molecular ammunition against an ancient enemy. Journal of Applied Physiology, 2002, 93, 3-30.	1.2	339
9	Health Benefits of Exercise. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a029694.	2.9	300
10	Daily exercise increases hepatic fatty acid oxidation and prevents steatosis in Otsuka Long-Evans Tokushima Fatty rats. American Journal of Physiology - Renal Physiology, 2008, 294, G619-G626.	1.6	244
11	Metabolic Responses to Reduced Daily Steps in Healthy Nonexercising Men. JAMA - Journal of the American Medical Association, 2008, 299, 1261.	3.8	241
12	A 2-wk reduction of ambulatory activity attenuates peripheral insulin sensitivity. Journal of Applied Physiology, 2010, 108, 1034-1040.	1.2	236
13	IGF-I restores satellite cell proliferative potential in immobilized old skeletal muscle. Journal of Applied Physiology, 2000, 89, 1365-1379.	1.2	228
14	Insulin-like Growth Factor-I Extends in Vitro Replicative Life Span of Skeletal Muscle Satellite Cells by Enhancing G1/S Cell Cycle Progression via the Activation of Phosphatidylinositol 3-kinase/Akt Signaling Pathway. Journal of Biological Chemistry, 2000, 275, 35942-35952.	1.6	194
15	Exercise and gene expression: physiological regulation of the human genome through physical activity. Journal of Physiology, 2002, 543, 399-411.	1.3	191
16	Fundamental questions about genes, inactivity, and chronic diseases. Physiological Genomics, 2007, 28, 146-157.	1.0	185
17	Reduced physical activity and risk of chronic disease: the biology behind the consequences. European Journal of Applied Physiology, 2008, 102, 381-390.	1.2	174
18	Multiple signaling pathways mediate LIF-induced skeletal muscle satellite cell proliferation. American Journal of Physiology - Cell Physiology, 2002, 283, C204-C211.	2.1	159

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19	Focal adhesion proteins FAK and paxillin increase in hypertrophied skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 277, C152-C162.	2.1	149
20	Lifetime sedentary living accelerates some aspects of secondary aging. <i>Journal of Applied Physiology</i> , 2011, 111, 1497-1504.	1.2	134
21	GSK-3 β negatively regulates skeletal myotube hypertrophy. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C545-C551.	2.1	133
22	An Obligation for Primary Care Physicians to Prescribe Physical Activity to Sedentary Patients to Reduce the Risk of Chronic Health Conditions. <i>Mayo Clinic Proceedings</i> , 2002, 77, 165-173.	1.4	129
23	Myogenic regulatory factors during regeneration of skeletal muscle in young, adult, and old rats. <i>Journal of Applied Physiology</i> , 1997, 83, 1270-1275.	1.2	121
24	Selected Contribution: Skeletal muscle focal adhesion kinase, paxillin, and serum response factor are loading dependent. <i>Journal of Applied Physiology</i> , 2001, 90, 1174-1183.	1.2	114
25	Insulin-like growth factor 1 and muscle growth: implication for satellite cell proliferation. <i>Proceedings of the Nutrition Society</i> , 2004, 63, 337-340.	0.4	107
26	Lowering Physical Activity Impairs Glycemic Control in Healthy Volunteers. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 225-231.	0.2	107
27	Physically Active Subjects Should Be the Control Group. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 405-406.	0.2	100
28	Temporal alterations in protein signaling cascades during recovery from muscle atrophy. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 285, C391-C398.	2.1	99
29	Physiology of Sedentary Behavior and Its Relationship to Health Outcomes. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1301-1305.	0.2	92
30	An Obligation for Primary Care Physicians to Prescribe Physical Activity to Sedentary Patients to Reduce the Risk of Chronic Health Conditions. <i>Mayo Clinic Proceedings</i> , 2002, 77, 165-173.	1.4	89
31	Cessation of daily exercise dramatically alters precursors of hepatic steatosis in Otsuka Long-Evans Tokushima Fatty (OLETF) rats. <i>Journal of Physiology</i> , 2008, 586, 4241-4249.	1.3	88
32	Endurance Exercise and the Regulation of Skeletal Muscle Metabolism. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 135, 129-151.	0.9	83
33	Biological/Genetic Regulation of Physical Activity Level. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 863-873.	0.2	80
34	Forkhead transcription factor FoxO1 transduces insulin-like growth factor's signal to p27Kip1 in primary skeletal muscle satellite cells. <i>Journal of Cellular Physiology</i> , 2003, 196, 523-531.	2.0	78
35	Transcriptional profiling identifies extensive downregulation of extracellular matrix gene expression in sarcopenic rat soleus muscle. <i>Physiological Genomics</i> , 2003, 15, 34-43.	1.0	77
36	Alterations in insulin receptor signalling in the rat epitrochlearis muscle upon cessation of voluntary exercise. <i>Journal of Physiology</i> , 2005, 562, 829-838.	1.3	76

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37	High-fat, high-fructose, high-cholesterol feeding causes severe NASH and cecal microbiota dysbiosis in juvenile Ossabaw swine. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E78-E92.	1.8	73
38	Dopamine D1 receptor modulation in nucleus accumbens lowers voluntary wheel running in rats bred to run high distances. <i>Physiology and Behavior</i> , 2012, 105, 661-668.	1.0	71
39	Anti-TNF treatment reduces rat skeletal muscle wasting in monocrotaline-induced cardiac cachexia. <i>Journal of Applied Physiology</i> , 2008, 105, 1950-1958.	1.2	69
40	Postdinner resistance exercise improves postprandial risk factors more effectively than predinner resistance exercise in patients with type 2 diabetes. <i>Journal of Applied Physiology</i> , 2015, 118, 624-634.	1.2	67
41	Cessation of daily wheel running differentially alters fat oxidation capacity in liver, muscle, and adipose tissue. <i>Journal of Applied Physiology</i> , 2009, 106, 161-168.	1.2	64
42	Overexpression of IGF-I in skeletal muscle of transgenic mice does not prevent unloading-induced atrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 275, E373-E379.	1.8	63
43	Inactivity induces increases in abdominal fat. <i>Journal of Applied Physiology</i> , 2007, 102, 1341-1347.	1.2	63
44	Lack of regular physical exercise or too much inactivity. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 374-378.	1.3	60
45	Selected Contribution: Identification of differentially expressed genes between young and old rat soleus muscle during recovery from immobilization-induced atrophy. <i>Journal of Applied Physiology</i> , 2003, 95, 2171-2179.	1.2	57
46	Responsiveness of cell signaling pathways during the failed 15-day regrowth of aged skeletal muscle. <i>Journal of Applied Physiology</i> , 2004, 96, 398-404.	1.2	52
47	Time course of the MAPK and PI3-kinase response within 24 h of skeletal muscle overload. <i>Journal of Applied Physiology</i> , 2001, 91, 2079-2087.	1.2	47
48	Phenotypic and molecular differences between rats selectively bred to voluntarily run high vs. low nightly distances. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R1024-R1035.	0.9	47
49	Sustained rise in triacylglycerol synthesis and increased epididymal fat mass when rats cease voluntary wheel running. <i>Journal of Physiology</i> , 2005, 565, 911-925.	1.3	46
50	Changes in skeletal muscle mitochondria in response to the development of type 2 diabetes or prevention by daily wheel running in hyperphagic OLETF rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E1179-E1187.	1.8	46
51	FoxO3a preferentially induces p27 ^{Kip1} expression while impairing muscle precursor cell cycle progression. <i>Muscle and Nerve</i> , 2008, 37, 84-89.	1.0	44
52	Exercise-induced attenuation of obesity, hyperinsulinemia, and skeletal muscle lipid peroxidation in the OLETF rat. <i>Journal of Applied Physiology</i> , 2008, 104, 708-715.	1.2	43
53	SRF protein is upregulated during stretch-induced hypertrophy of rooster ALD muscle. <i>Journal of Applied Physiology</i> , 1999, 86, 1793-1799.	1.2	42
54	Gold standards for scientists who are conducting animal-based exercise studies. <i>Journal of Applied Physiology</i> , 2010, 108, 219-221.	1.2	42

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55	Expression profiling identifies dysregulation of myosin heavy chains IIb and IIx during limb immobilization in the soleus muscles of old rats. <i>Journal of Physiology</i> , 2003, 553, 357-368.	1.3	38
56	Nucleus accumbens neuronal maturation differences in young rats bred for low versus high voluntary running behaviour. <i>Journal of Physiology</i> , 2014, 592, 2119-2135.	1.3	38
57	Unique transcriptomic signature of omental adipose tissue in Ossabaw swine: a model of childhood obesity. <i>Physiological Genomics</i> , 2014, 46, 362-375.	1.0	37
58	Vascular transcriptional alterations produced by juvenile obesity in Ossabaw swine. <i>Physiological Genomics</i> , 2013, 45, 434-446.	1.0	36
59	Running from Disease: Molecular Mechanisms Associating Dopamine and Leptin Signaling in the Brain with Physical Inactivity, Obesity, and Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2017, 8, 109.	1.5	35
60	Age-dependent FOXO regulation of p27Kip1 expression via a conserved binding motif in rat muscle precursor cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C1238-C1246.	2.1	33
61	Daily exercise prevents diastolic dysfunction and oxidative stress in a female mouse model of western diet induced obesity by maintaining cardiac heme oxygenase-1 levels. <i>Metabolism: Clinical and Experimental</i> , 2017, 66, 14-22.	1.5	32
62	Exercise Biology and Medicine: Innovative Research to Improve Global Health. <i>Mayo Clinic Proceedings</i> , 2014, 89, 148-153.	1.4	31
63	Effects of intrinsic aerobic capacity and ovariectomy on voluntary wheel running and nucleus accumbens dopamine receptor gene expression. <i>Physiology and Behavior</i> , 2016, 164, 383-389.	1.0	30
64	Differential changes in vascular mRNA levels between rat iliac and renal arteries produced by cessation of voluntary running. <i>Experimental Physiology</i> , 2013, 98, 337-347.	0.9	29
65	Long-term insulin-like growth factor-I expression in skeletal muscles attenuates the enhanced in vitro proliferation ability of the resident satellite cells in transgenic mice. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1303-1320.	2.2	26
66	Mu opioid receptor modulation in the nucleus accumbens lowers voluntary wheel running in rats bred for high running motivation. <i>Neuropharmacology</i> , 2015, 97, 171-181.	2.0	24
67	Comparative adaptations in oxidative and glycolytic muscle fibers in a low voluntary wheel running rat model performing three levels of physical activity. <i>Physiological Reports</i> , 2015, 3, e12619.	0.7	23
68	Cytochrome c mRNA in skeletal muscles of immobilized limbs. <i>Journal of Applied Physiology</i> , 1996, 81, 1941-1945.	1.2	21
69	Increased mitochondrial glycerol-3-phosphate acyltransferase protein and enzyme activity in rat epididymal fat upon cessation of wheel running. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E480-E489.	1.8	21
70	Effects of voluntary running on oxygen consumption, RQ, and energy expenditure during primary prevention of diet-induced obesity in C57BL/6N mice. <i>Journal of Applied Physiology</i> , 2012, 113, 473-478.	1.2	21
71	Mu-opioid receptor inhibition decreases voluntary wheel running in a dopamine-dependent manner in rats bred for high voluntary running. <i>Neuroscience</i> , 2016, 339, 525-537.	1.1	19
72	Sex determines effect of physical activity on diet preference: Association of striatal opioids and gut microbiota composition. <i>Behavioural Brain Research</i> , 2017, 334, 16-25.	1.2	19

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73	Hepatic steatosis development with four weeks of physical inactivity in previously active, hyperphagic OLETF rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R763-R771.	0.9	18
74	The force-frequency relationship is altered in regenerating and senescent rat skeletal muscle. , 1998, 21, 1265-1274.		17
75	Resistance-exercise training ameliorates LPS-induced cognitive impairment concurrent with molecular signaling changes in the rat dentate gyrus. <i>Journal of Applied Physiology</i> , 2019, 127, 254-263.	1.2	17
76	Recovery of neuromuscular junction morphology following 16 days of spaceflight. <i>Synapse</i> , 2001, 42, 177-184.	0.6	16
77	Early depression of Ankrd2 and Csrp3 mRNAs in the polyribosomal and whole tissue fractions in skeletal muscle with decreased voluntary running. <i>Journal of Applied Physiology</i> , 2012, 112, 1291-1299.	1.2	15
78	Understanding multi-organ pathology from insufficient exercise. <i>Journal of Applied Physiology</i> , 2011, 111, 1199-1200.	1.2	14
79	Cocaine-induced locomotor activity in rats selectively bred for low and high voluntary running behavior. <i>Psychopharmacology</i> , 2015, 232, 673-681.	1.5	14
80	AMPK agonist AICAR delays the initial decline in lifetime-apex $V_{\dot{t}}^{o_2}$ peak ² , while voluntary wheel running fails to delay its initial decline in female rats. <i>Physiological Genomics</i> , 2016, 48, 101-115.	1.0	14
81	Maternal Western diet age-specifically alters female offspring voluntary physical activity and dopamine- and leptin-related gene expression. <i>FASEB Journal</i> , 2017, 31, 5371-5383.	0.2	14
82	Potential clinical translation of juvenile rodent inactivity models to study the onset of childhood obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R247-R258.	0.9	13
83	Mechanisms Associated With Physical Activity Behavior: Insights From Rodent Experiments. <i>Exercise and Sport Sciences Reviews</i> , 2017, 45, 217-222.	1.6	13
84	The biochemical basis of the health effects of exercise: an integrative view. <i>Proceedings of the Nutrition Society</i> , 2004, 63, 199-203.	0.4	12
85	Ovariectomized Highly Fit Rats Are Protected against Diet-Induced Insulin Resistance. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1259-1269.	0.2	12
86	Loss of Cdk5 function in the nucleus accumbens decreases wheel running and may mediate age-related declines in voluntary physical activity. <i>Journal of Physiology</i> , 2017, 595, 363-384.	1.3	12
87	Sex dependent effects of physical activity on diet preference in rats selectively bred for high or low levels of voluntary wheel running. <i>Behavioural Brain Research</i> , 2019, 359, 95-103.	1.2	12
88	Rapid Alterations in Perirenal Adipose Tissue Transcriptomic Networks with Cessation of Voluntary Running. <i>PLoS ONE</i> , 2015, 10, e0145229.	1.1	11
89	High and low nightly running behavior associates with nucleus accumbens N-Methyl-d-aspartate receptor (NMDAR) NR1 subunit expression and NMDAR functional differences. <i>Neuroscience Letters</i> , 2018, 671, 50-55.	1.0	10
90	Creatine Supplementation Upregulates mTORC1 Signaling and Markers of Synaptic Plasticity in the Dentate Gyrus While Ameliorating LPS-Induced Cognitive Impairment in Female Rats. <i>Nutrients</i> , 2021, 13, 2758.	1.7	10

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91	Nerve-responsive troponin I slow promoter does not respond to unloading. <i>Journal of Applied Physiology</i> , 1998, 84, 1083-1087.	1.2	9
92	Cytochrome <i>c</i> promoter activity in soleus and white vastus lateralis muscles in rats. <i>Journal of Applied Physiology</i> , 1998, 85, 973-978.	1.2	9
93	Differences in transcriptional patterns of extracellular matrix, inflammatory, and myogenic regulatory genes in myofibroblasts, fibroblasts, and muscle precursor cells isolated from old male rat skeletal muscle using a novel cell isolation procedure. <i>Biogerontology</i> , 2012, 13, 383-398.	2.0	9
94	Hypothalamic Npy mRNA is correlated with increased wheel running and decreased body fat in calorie-restricted rats. <i>Neuroscience Letters</i> , 2016, 618, 83-88.	1.0	9
95	Maternal Physical Activity and Sex Impact Markers of Hepatic Mitochondrial Health. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2040-2048.	0.2	9
96	Overexpression of Protein Kinase Inhibitor Alpha Reverses Rat Low Voluntary Running Behavior. <i>Molecular Neurobiology</i> , 2019, 56, 1782-1797.	1.9	9
97	Genes, environment, and exercise. <i>Advances in Experimental Medicine and Biology</i> , 2001, 502, 13-20.	0.8	9
98	Sudden decrease in physical activity evokes adipocyte hyperplasia in 70- to 77-day-old rats but not 49- to 56-day-old rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R1465-R1478.	0.9	8
99	Reduced metabolic disease risk profile by voluntary wheel running accompanying juvenile Western diet in rats bred for high and low voluntary exercise. <i>Physiology and Behavior</i> , 2015, 152, 47-55.	1.0	8
100	Herbal adaptogens combined with protein fractions from bovine colostrum and hen egg yolk reduce liver TNF- α expression and protein carbonylation in Western diet feeding in rats. <i>Nutrition and Metabolism</i> , 2014, 11, 19.	1.3	7
101	The role of nucleus accumbens CREB attenuation in rescuing low voluntary running behavior in female rats. <i>Journal of Neuroscience Research</i> , 2020, 98, 2302-2316.	1.3	7
102	The many flavors of IGF-I. <i>Journal of Applied Physiology</i> , 2006, 100, 1755-1756.	1.2	7
103	Control of gene expression in adult skeletal muscle by changes in the inherent level of contractile activity. <i>Biochemical Society Transactions</i> , 1991, 19, 374-378.	1.6	6
104	Five months of voluntary wheel running downregulates skeletal muscle LINE-1 gene expression in rats. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C1313-C1323.	2.1	6
105	Exercise Has a Bone to Pick with Skeletal Muscle. <i>Cell Metabolism</i> , 2016, 23, 961-962.	7.2	5
106	Voluntary wheel running effects on intra-accumbens opioid high-fat feeding and locomotor behavior in Sprague-Dawley and Wistar rat strains. <i>Physiology and Behavior</i> , 2019, 206, 67-75.	1.0	4
107	Medial preoptic estrogen receptor-beta blunts the estrogen receptor-alpha mediated increases in wheel-running behavior of female rats. <i>Behavioural Brain Research</i> , 2020, 379, 112341.	1.2	4
108	Resistance-exercise training attenuates LPS-induced astrocyte remodeling and neuroinflammatory cytokine expression in female Wistar rats. <i>Journal of Applied Physiology</i> , 2022, 132, 317-326.	1.2	4

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109	Hepatocyte-specific eNOS deletion impairs exercise-induced adaptations in hepatic mitochondrial function and autophagy. <i>Obesity</i> , 2022, 30, 1066-1078.	1.5	3
110	Is Health One Future for Kinesiology?. <i>Kinesiology Review</i> , 2014, 3, 13-18.	0.4	2
111	5-Aminoimidazole-carboxamide ribonucleotide prevents fat gain following the cessation of voluntary physical activity. <i>Experimental Physiology</i> , 2017, 102, 1474-1485.	0.9	2
112	Medial habenula maturational deficits associate with low motivation for voluntary physical activity. <i>Brain Research</i> , 2018, 1698, 187-194.	1.1	2
113	RNA-sequencing and behavioral testing reveals inherited physical inactivity co-selects for anxiogenic behavior without altering depressive-like behavior in Wistar rats. <i>Neuroscience Letters</i> , 2021, 753, 135854.	1.0	2
114	Molecular Mechanisms of Adaptations to Training. , 0, , 202-211.		1
115	Left ventricle transcriptomic analysis reveals connective tissue accumulation associates with initial age-dependent decline in $\dot{V}O_2$ peak from its lifetime apex. <i>Physiological Genomics</i> , 2017, 49, 53-66.	1.0	1
116	Rats Selectively Bred for High Voluntary Physical Activity Behavior are Not Protected from the Deleterious Metabolic Effects of a Western Diet When Sedentary. <i>Current Developments in Nutrition</i> , 2019, 3, nzz017.	0.1	1
117	Ethical dilemmas. <i>Nature</i> , 1989, 340, 672-672.	13.7	0
118	Local adaptation in human trained skeletal muscle could preferentially bind blood interleukin-6. <i>Experimental Physiology</i> , 2009, 94, 1099-1100.	0.9	0
119	Last Word on Viewpoint: Gold standards for scientists who are conducting animal-based exercise studies. <i>Journal of Applied Physiology</i> , 2010, 108, 226-226.	1.2	0
120	Timing and intensity of exercise for glucose control. Reply to Chacko E. [letter]. <i>Diabetologia</i> , 2014, 57, 2427-2427.	2.9	0
121	State of Fitness: Overview of the Clinical Consequences of Low Cardiorespiratory Fitness. <i>Contemporary Diabetes</i> , 2018, , 3-16.	0.0	0
122	A tribute to Charles M. "Tip" Tipton (1927-2021). <i>Journal of Applied Physiology</i> , 2021, 131, 192-193.	1.2	0
123	p21 ^{Cip1} Expression is Increased in Ambient Oxygen, Compared to Estimated Physiological (5%) Levels in Rat Primary Muscle Precursor Cell Culture. <i>FASEB Journal</i> , 2007, 21, .	0.2	0
124	Adipose tissue compensates to maintain whole body insulin sensitivity 173 hours following the cessation of voluntary running in rats. <i>FASEB Journal</i> , 2007, 21, .	0.2	0
125	Effect of moderate fat/high sucrose diet on glycogen synthesis rates in rat skeletal muscle upon the cessation of voluntary wheel running. <i>FASEB Journal</i> , 2007, 21, A691.	0.2	0
126	Physical activity prevents endothelial dysfunction induced by sedentary life style and high fat diet in murine coronary microcirculation. <i>FASEB Journal</i> , 2009, 23, 952.4.	0.2	0

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127	Effects of Endurance Exercise Training, Metformin, and Their Combination on Adipose Tissue Cytokine Secretion in a Rat Model of Type 2 Diabetes (T2D). FASEB Journal, 2012, 26, 1142.13.	0.2	0
128	Cocaine-induced locomotor activity in rats selectively bred for high and low motivation to voluntarily run. FASEB Journal, 2013, 27, 1098.11.	0.2	0
129	Ketogenic diet in combination with voluntary exercise impacts markers of hepatic metabolism and oxidative stress in male and female rats. FASEB Journal, 2019, 33, 699.4.	0.2	0