

Keith Baar

List of Publications by Year in descending order

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Version: 2024-02-01

140
papers

10,369
citations

36303

51
h-index

33894

99
g-index

144
all docs

144
docs citations

144
times ranked

12619
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in systemic bone and muscle loss following femur fracture in mice. <i>Journal of Orthopaedic Research</i> , 2022, 40, 878-890.	2.3	6
2	Cannabidiol Does Not Impact Acute Anabolic or Inflammatory Signaling in Skeletal Muscle <i>in Vitro</i> . <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 628-636.	2.9	6
3	Collagen and Vitamin C Supplementation Increases Lower Limb Rate of Force Development. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2022, 32, 65-73.	2.1	8
4	Scleraxis and collagen I expression increase following pilot isometric loading experiments in a rodent model of patellar tendinopathy. <i>Matrix Biology</i> , 2022, 109, 34-48.	3.6	4
5	Myofibrillar protein synthesis rates are increased in chronically exercised skeletal muscle despite decreased anabolic signaling. <i>Scientific Reports</i> , 2022, 12, 7553.	3.3	9
6	Considerations for the development of cost-effective cell culture media for cultivated meat production. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 686-709.	11.7	66
7	A ketogenic diet impacts markers of mitochondrial mass in a tissue specific manner in aged mice. <i>Aging</i> , 2021, 13, 7914-7930.	3.1	12
8	Cannabidiol Does Not Impair Anabolic Signaling Following Eccentric Contractions in Rats. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2021, 31, 93-100.	2.1	7
9	The ketogenic diet preserves skeletal muscle with aging in mice. <i>Aging Cell</i> , 2021, 20, e13322.	6.7	42
10	Maintenance of muscle mass in adult male mice is independent of testosterone. <i>PLoS ONE</i> , 2021, 16, e0240278.	2.5	12
11	A mutation in desmin makes skeletal muscle less vulnerable to acute muscle damage after eccentric loading in rats. <i>FASEB Journal</i> , 2021, 35, e21860.	0.5	8
12	Egr1 And Col1 α 1 Gene Expression Increase With Tensile, But Not Compressive, Loading In Engineered Tendon. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 120-120.	0.4	0
13	Muscle-tendon cross talk during muscle wasting. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C559-C568.	4.6	2
14	Optimization of muscle cell culture media using nonlinear design of experiments. <i>Biotechnology Journal</i> , 2021, 16, e2100228.	3.5	15
15	Adding exogenous biglycan or decorin improves tendon formation for equine peritenon and tendon proper cells in vitro. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 627.	1.9	11
16	Generation of desminopathy in rats using CRISPR-Cas9. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1364-1376.	7.3	14
17	Effect of a 12-week endurance training program on force transfer and membrane integrity proteins in lean, obese, and type 2 diabetic subjects. <i>Physiological Reports</i> , 2020, 8, e14429.	1.7	3
18	Case report of an exercise training and nutritional intervention plan in a patient with A350P mutation in DES gene. <i>Clinical Case Reports (discontinued)</i> , 2020, 8, 283-288.	0.5	1

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19	Effects Of Vitamin C Enriched Hydrolyzed Collagen On Explosive Performance. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 171-171.	0.4	0
20	Effects Of Methyl Sulfonyl Methane On Knee Laxity In Females Throughout The Menstrual Cycle.. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 92-92.	0.4	0
21	Nutrition for the Prevention and Treatment of Injuries in Track and Field Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 189-197.	2.1	66
22	Effects of Different Vitamin C-Enriched Collagen Derivatives on Collagen Synthesis. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 526-531.	2.1	22
23	Rehabilitation and nutrition protocols for optimising return to play from traditional ACL reconstruction in elite rugby union players: A case study. <i>Journal of Sports Sciences</i> , 2019, 37, 1794-1803.	2.0	10
24	Commentaries on Viewpoint: Rejuvenation of the term sarcopenia. <i>Journal of Applied Physiology</i> , 2019, 126, 257-262.	2.5	12
25	Proposed Mechanisms Underlying the Interference Effect. , 2019, , 89-97.		0
26	Nutrition for Strength Adaptations. , 2019, , 345-357.		0
27	Stress Relaxation and Targeted Nutrition to Treat Patellar Tendinopathy. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 453-457.	2.1	26
28	Testosterone Is Not Required for The Maintenance of Muscle Mass in Fully Matured and Elderly Male Mice. <i>FASEB Journal</i> , 2019, 33, 868.8.	0.5	0
29	Localized BMP-4 release improves the enthesis of engineered bone-to-bone ligaments. <i>Translational Sports Medicine</i> , 2018, 1, 60-72.	1.1	7
30	Why yet another sports medicine journal?. <i>Translational Sports Medicine</i> , 2018, 1, 3-4.	1.1	0
31	Alterations in the muscle force transfer apparatus in aged rats during unloading and reloading: impact of microRNA-1. <i>Journal of Physiology</i> , 2018, 596, 2883-2900.	2.9	21
32	Adaptations to Endurance and Strength Training. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a029769.	6.2	178
33	Evaluation and Optimization of a Three-Dimensional Construct Model for Equine Superficial Digital Flexor Tendon. <i>Journal of Equine Veterinary Science</i> , 2018, 71, 90-97.	0.9	3
34	Characterisation of L-Type Amino Acid Transporter 1 (LAT1) Expression in Human Skeletal Muscle by Immunofluorescent Microscopy. <i>Nutrients</i> , 2018, 10, 23.	4.1	36
35	Normal Ribosomal Biogenesis but Shortened Protein Synthetic Response to Acute Eccentric Resistance Exercise in Old Skeletal Muscle. <i>Frontiers in Physiology</i> , 2018, 9, 1915.	2.8	24
36	Effect of Estrogen on Musculoskeletal Performance and Injury Risk. <i>Frontiers in Physiology</i> , 2018, 9, 1834.	2.8	149

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37	DNA-PK Promotes the Mitochondrial, Metabolic, and Physical Decline that Occurs During Aging. <i>Cell Metabolism</i> , 2017, 25, 1135-1146.e7.	16.2	92
38	Minimizing Injury and Maximizing Return to Play: Lessons from Engineered Ligaments. <i>Sports Medicine</i> , 2017, 47, 5-11.	6.5	35
39	Muscle-specific and age-related changes in protein synthesis and protein degradation in response to hindlimb unloading in rats. <i>Journal of Applied Physiology</i> , 2017, 122, 1336-1350.	2.5	85
40	A Ketogenic Diet Extends Longevity and Healthspan in Adult Mice. <i>Cell Metabolism</i> , 2017, 26, 539-546.e5.	16.2	348
41	Treatment of Ligament Constructs with Exercise-conditioned Serum: A Translational Tissue Engineering Model. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1
42	Selected In-Season Nutritional Strategies to Enhance Recovery for Team Sport Athletes: A Practical Overview. <i>Sports Medicine</i> , 2017, 47, 2201-2218.	6.5	87
43	Vitamin C-enriched gelatin supplementation before intermittent activity augments collagen synthesis. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 136-143.	4.7	124
44	Branched-Chain Amino Acid Ingestion Stimulates Muscle Myofibrillar Protein Synthesis following Resistance Exercise in Humans. <i>Frontiers in Physiology</i> , 2017, 8, 390.	2.8	97
45	Age-related Differences in Dystrophin: Impact on Force Transfer Proteins, Membrane Integrity, and Neuromuscular Junction Stability. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 72, glw109.	3.6	38
46	Acute resistance exercise activates rapamycin-sensitive and -insensitive mechanisms that control translational activity and capacity in skeletal muscle. <i>Journal of Physiology</i> , 2016, 594, 453-468.	2.9	129
47	Disruption of the Class IIa HDAC Corepressor Complex Increases Energy Expenditure and Lipid Oxidation. <i>Cell Reports</i> , 2016, 16, 2802-2810.	6.4	68
48	Factors That Affect Tissue-Engineered Skeletal Muscle Function and Physiology. <i>Cells Tissues Organs</i> , 2016, 202, 159-168.	2.3	24
49	Contribution of mechanical unloading to trabecular bone loss following non-invasive knee injury in mice. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1680-1687.	2.3	30
50	Age-related deficits in skeletal muscle recovery following disuse are associated with neuromuscular junction instability and ER stress, not impaired protein synthesis. <i>Aging</i> , 2016, 8, 127-146.	3.1	152
51	Role of contraction duration in inducing fast-to-slow contractile and metabolic protein and functional changes in engineered muscle. <i>Journal of Cellular Physiology</i> , 2015, 230, 2489-2497.	4.1	27
52	The exercise-induced biochemical milieu enhances collagen content and tensile strength of engineered ligaments. <i>Journal of Physiology</i> , 2015, 593, 4665-4675.	2.9	30
53	Rapamycin does not prevent increases in myofibrillar or mitochondrial protein synthesis following endurance exercise. <i>Journal of Physiology</i> , 2015, 593, 4275-4284.	2.9	54
54	Utilizing small nutrient compounds as enhancers of exercise-induced mitochondrial biogenesis. <i>Frontiers in Physiology</i> , 2015, 6, 296.	2.8	25

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55	Neuromuscular Junction Formation in Tissue-Engineered Skeletal Muscle Augments Contractile Function and Improves Cytoskeletal Organization. <i>Tissue Engineering - Part A</i> , 2015, 21, 2595-2604.	3.1	63
56	Estrogen inhibits lysyl oxidase and decreases mechanical function in engineered ligaments. <i>Journal of Applied Physiology</i> , 2015, 118, 1250-1257.	2.5	35
57	Effects of aging, exercise, and disease on force transfer in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E1-E10.	3.5	61
58	Pharmacology of manipulating lean body mass. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 1-13.	1.9	12
59	Streptomycin Decreases the Functional Shift to a Slow Phenotype Induced by Electrical Stimulation in Engineered Muscle. <i>Tissue Engineering - Part A</i> , 2015, 21, 1003-1012.	3.1	14
60	Contractile and Metabolic Properties of Engineered Skeletal Muscle Derived From Slow and Fast Phenotype Mouse Muscle. <i>Journal of Cellular Physiology</i> , 2015, 230, 1750-1757.	4.1	29
61	The Molecular Basis for Load-Induced Skeletal Muscle Hypertrophy. <i>Calcified Tissue International</i> , 2015, 96, 196-210.	3.1	79
62	Glucose Concentration and Streptomycin Alter In Vitro Muscle Function and Metabolism. <i>Journal of Cellular Physiology</i> , 2015, 230, 1226-1234.	4.1	21
63	Nutritional strategies to support concurrent training. <i>European Journal of Sport Science</i> , 2015, 15, 41-52.	2.7	45
64	Delayed Activation of Muscle Protein Synthesis following Resistance Exercise in Mice is mTORC1-Dependent. <i>FASEB Journal</i> , 2015, 29, 825.13.	0.5	0
65	Molecular brakes regulating mTORC1 activation in skeletal muscle following synergist ablation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E365-E373.	3.5	38
66	The Effect of Serum Origin on Tissue Engineered Skeletal Muscle Function. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 2198-2207.	2.6	33
67	Compensatory regulation of HDAC5 in muscle maintains metabolic adaptive responses and metabolism in response to energetic stress. <i>FASEB Journal</i> , 2014, 28, 3384-3395.	0.5	47
68	Novel sorafenib-based structural analogues. <i>Anti-Cancer Drugs</i> , 2014, 25, 433-446.	1.4	3
69	Maintenance of muscle mass and load-induced growth in Muscle <i>scp</i> >RING</scp> Finger 1 null mice with age. <i>Aging Cell</i> , 2014, 13, 92-101.	6.7	92
70	Using Molecular Biology to Maximize Concurrent Training. <i>Sports Medicine</i> , 2014, 44, 117-125.	6.5	82
71	mTOR and the health benefits of exercise. <i>Seminars in Cell and Developmental Biology</i> , 2014, 36, 130-139.	5.0	74
72	Nutrition and the Adaptation to Endurance Training. <i>Sports Medicine</i> , 2014, 44, 5-12.	6.5	44

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73	Endurance training in mice increases the unfolded protein response induced by a high-fat diet. <i>Journal of Physiology and Biochemistry</i> , 2013, 69, 215-225.	3.0	36
74	Factors affecting the structure and maturation of human tissue engineered skeletal muscle. <i>Biomaterials</i> , 2013, 34, 5759-5765.	11.4	69
75	Inhibition of Myostatin Signaling through Notch Activation following Acute Resistance Exercise. <i>PLoS ONE</i> , 2013, 8, e68743.	2.5	53
76	Glycogen Content Regulates Peroxisome Proliferator Activated Receptor- α , (PPAR- α), Activity in Rat Skeletal Muscle. <i>PLoS ONE</i> , 2013, 8, e77200.	2.5	36
77	Optimizing an Intermittent Stretch Paradigm Using ERK1/2 Phosphorylation Results in Increased Collagen Synthesis in Engineered Ligaments. <i>Tissue Engineering - Part A</i> , 2012, 18, 277-284.	3.1	68
78	Resveratrol Ameliorates Aging-Related Metabolic Phenotypes by Inhibiting cAMP Phosphodiesterases. <i>Cell</i> , 2012, 148, 421-433.	28.9	1,162
79	Supplementation of a suboptimal protein dose with leucine or essential amino acids: effects on myofibrillar protein synthesis at rest and following resistance exercise in men. <i>Journal of Physiology</i> , 2012, 590, 2751-2765.	2.9	241
80	Is irisin a human exercise gene?. <i>Nature</i> , 2012, 488, E9-E10.	27.8	320
81	Fine-tuning metabolism—how products of contraction regulate skeletal muscle adaptation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1313-E1314.	3.5	3
82	More than a store: regulatory roles for glycogen in skeletal muscle adaptation to exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1343-E1351.	3.5	116
83	The effect of growth factors on both collagen synthesis and tensile strength of engineered human ligaments. <i>Biomaterials</i> , 2012, 33, 6355-6361.	11.4	46
84	Sirtuin 1 (SIRT1) Deacetylase Activity Is Not Required for Mitochondrial Biogenesis or Peroxisome Proliferator-activated Receptor- β Coactivator-1 α (PGC-1 α) Deacetylation following Endurance Exercise. <i>Journal of Biological Chemistry</i> , 2011, 286, 30561-30570.	3.4	156
85	Regulation of contractility and metabolic signaling by the β 2-adrenergic receptor in rat ventricular muscle. <i>Life Sciences</i> , 2011, 88, 892-897.	4.3	16
86	ER Stress Induces Anabolic Resistance in Muscle Cells through PKB-Induced Blockade of mTORC1. <i>PLoS ONE</i> , 2011, 6, e20993.	2.5	43
87	24h Stimulation Results In A Rapamycin-dependent Increase In Force Production In 3d Engineered Muscles. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 53.	0.4	0
88	Signals mediating skeletal muscle remodeling by resistance exercise: PI3-kinase independent activation of mTORC1. <i>Journal of Applied Physiology</i> , 2011, 110, 561-568.	2.5	98
89	The influence of carbohydrate+protein co+ingestion following endurance exercise on myofibrillar and mitochondrial protein synthesis. <i>Journal of Physiology</i> , 2011, 589, 4011-4025.	2.9	121
90	Absence of the Birt+Hogg+Dub+ gene product is associated with increased hypoxia-inducible factor transcriptional activity and a loss of metabolic flexibility. <i>Oncogene</i> , 2011, 30, 1159-1173.	5.9	69

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91	Variability in the magnitude of response of metabolic enzymes reveals patterns of co-ordinated expression following endurance training in women. <i>Experimental Physiology</i> , 2011, 96, 699-707.	2.0	16
92	HIF1A P582S gene association with endurance training responses in young women. <i>European Journal of Applied Physiology</i> , 2011, 111, 2339-2347.	2.5	16
93	Beneficial Effects of Resistance Exercise on Glycemic Control Are Not Further Improved by Protein Ingestion. <i>PLoS ONE</i> , 2011, 6, e20613.	2.5	21
94	Understanding the regulation of muscle plasticity. <i>Journal of Applied Physiology</i> , 2011, 110, 256-257.	2.5	3
95	The PGC-1 β -related coactivator promotes mitochondrial and myogenic adaptations in C2C12 myotubes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R864-R872.	1.8	35
96	Sirt1 enhances skeletal muscle insulin sensitivity in mice during caloric restriction. <i>Journal of Clinical Investigation</i> , 2011, 121, 4281-4288.	8.2	164
97	Glycogen depletion increases peroxisome proliferator activated receptor α (PPAR α) activity following acute exercise. <i>FASEB Journal</i> , 2011, 25, 1059.8.	0.5	0
98	Factors Affecting the Longevity and Strength in an In Vitro Model of the Bone-Ligament Interface. <i>Annals of Biomedical Engineering</i> , 2010, 38, 2155-2166.	2.5	31
99	The initiation of embryonic-like collagen fibrillogenesis by adult human tendon fibroblasts when cultured under tension. <i>Biomaterials</i> , 2010, 31, 4889-4897.	11.4	81
100	Epigenetic control of skeletal muscle fibre type. <i>Acta Physiologica</i> , 2010, 199, 477-487.	3.8	43
101	A Limited Role for PI(3,4,5)P3 Regulation in Controlling Skeletal Muscle Mass in Response to Resistance Exercise. <i>PLoS ONE</i> , 2010, 5, e11624.	2.5	60
102	Training with Low Muscle Glycogen Enhances Fat Metabolism in Well-Trained Cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 2046-2055.	0.4	150
103	Engineering an <i>In Vitro</i> Model of a Functional Ligament from Bone to Bone. <i>Tissue Engineering - Part A</i> , 2010, 16, 3515-3525.	3.1	76
104	The unfolded protein response is activated in skeletal muscle by high-fat feeding: potential role in the downregulation of protein synthesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E695-E705.	3.5	134
105	Clenbuterol increases PGC1 α promoter activity via a rapamycin sensitive mechanism. <i>FASEB Journal</i> , 2010, 24, 987.9.	0.5	0
106	Pgc1 β Related Coactivator (prc) Promotes Mitochondrial Biogenesis And Substrate Utilization In C2c12 Myotubes. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 16.	0.4	0
107	Lack of Cardiac Response to Running Wheel in MuRF1 KO Mice. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 69-70.	0.4	0
108	Engineering the Bone-Ligament Interface Using Polyethylene Glycol Diacrylate Incorporated with Hydroxyapatite. <i>Tissue Engineering - Part A</i> , 2009, 15, 1201-1209.	3.1	79

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109	The training stimulus experienced by the leg muscles during cycling in humans. <i>Experimental Physiology</i> , 2009, 94, 684-694.	2.0	31
110	mVps34 is activated following high-resistance contractions. <i>Journal of Physiology</i> , 2009, 587, 253-260.	2.9	80
111	The signaling underlying FitnessThis paper is one of a selection of papers published in this Special Issue, entitled 14th International Biochemistry of Exercise Conference "Muscles as Molecular and Metabolic Machines, and has undergone the Journal's usual peer review process.. <i>Applied Physiology, Nutrition and Metabolism</i> . 2009, 34, 411-419.	1.9	26
112	Normal hypertrophy accompanied by phosphorylation and activation of AMP-activated protein kinase α 1 following overload in LKB1 knockout mice. <i>Journal of Physiology</i> , 2008, 586, 1731-1741.	2.9	88
113	Small molecules can have big effects on endurance. <i>Nature Chemical Biology</i> , 2008, 4, 583-584.	8.0	2
114	Optimizing training adaptations by manipulating glycogen. <i>European Journal of Sport Science</i> , 2008, 8, 97-106.	2.7	40
115	Tension is required for fibroblast formation. <i>Matrix Biology</i> , 2008, 27, 371-375.	3.6	100
116	mVps34 is Activated by an Acute Bout of Resistance Exercise. <i>FASEB Journal</i> , 2008, 22, 959-23.	0.5	0
117	Metabolic effects of electrical stimulation in C2C12 myocytes. <i>FASEB Journal</i> , 2008, 22, .	0.5	0
118	5-Aminoimidazole-4-Carboxamide 1- β -D-Ribofuranoside Acutely Stimulates Skeletal Muscle 2-Deoxyglucose Uptake in Healthy Men. <i>Diabetes</i> , 2007, 56, 2078-2084.	0.6	93
119	Denervation does not change the ratio of collagen I and collagen III mRNA in the extracellular matrix of muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R983-R987.	1.8	31
120	Myogenic gene expression signature establishes that brown and white adipocytes originate from distinct cell lineages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4401-4406.	7.1	637
121	mVps34 is activated by an acute bout of resistance exercise. <i>Biochemical Society Transactions</i> , 2007, 35, 1314-1316.	3.4	30
122	Engineered Muscle. <i>Exercise and Sport Sciences Reviews</i> , 2007, 35, 186-191.	3.0	24
123	Activation of Akt as a Potential Mediator of Adaptations that Reduce Muscle Injury. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1058-1064.	0.4	6
124	Training for Endurance and Strength. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1939-1944.	0.4	137
125	To perform your best: work hard not long. <i>Journal of Physiology</i> , 2006, 575, 690-690.	2.9	5
126	Cultured slow vs. fast skeletal muscle cells differ in physiology and responsiveness to stimulation. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C11-C17.	4.6	90

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127	Regional variation of tibialis anterior tendon mechanics is lost following denervation. Journal of Applied Physiology, 2006, 101, 1113-1117.	2.5	46
128	Resistance exercise, muscle loading/unloading and the control of muscle mass. Essays in Biochemistry, 2006, 42, 61-74.	4.7	86
129	Phosphorylation of S6K1 at Thr389 following resistance exercise does not require the PIF pocket of PDK1. FASEB Journal, 2006, 20, LB33.	0.5	0
130	Activation of S6K1 during myoblast differentiation inhibits the formation of myotubes independent of IRS1. FASEB Journal, 2006, 20, A820.	0.5	0
131	Rapid formation of functional muscle in vitro using fibrin gels. Journal of Applied Physiology, 2005, 98, 706-713.	2.5	283
132	New dimensions in tissue engineering: possible models for human physiology. Experimental Physiology, 2005, 90, 799-806.	2.0	13
133	Self-organization of rat cardiac cells into contractile 3D cardiac tissue. FASEB Journal, 2005, 19, 1-21.	0.5	119
134	Involvement of PPAR δ co-activator-1, nuclear respiratory factors 1 and 2, and PPAR α in the adaptive response to endurance exercise. Proceedings of the Nutrition Society, 2004, 63, 269-273.	1.0	118
135	Engineering of Functional Tendon. Tissue Engineering, 2004, 10, 755-761.	4.6	145
136	Skeletal muscle overexpression of nuclear respiratory factor 1 increases glucose transport capacity. FASEB Journal, 2003, 17, 1666-1673.	0.5	98
137	Adaptations of skeletal muscle to exercise: rapid increase in the transcriptional coactivator PGC1 α . FASEB Journal, 2002, 16, 1879-1886.	0.5	857
138	Autocrine Phosphorylation of p70S6k in Response to Acute Stretch in Myotubes. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2000, 4, 76-80.	1.6	34
139	Phosphorylation of p70 ^{S6k} correlates with increased skeletal muscle mass following resistance exercise. American Journal of Physiology - Cell Physiology, 1999, 276, C120-C127.	4.6	584
140	Transcriptional regulation in response to exercise. Exercise and Sport Sciences Reviews, 1999, 27, 333-79.	3.0	4