K Sreekumaran Nair

List of Publications by Year
in descending order

210 papers	18,478 citations	13099 68 h-index	13771 129 g-index
212 all docs	212 docs citations	212 times ranked	22401 citing authors

#	Article	IF	Citations
1	Impaired Muscle Mitochondrial Function in Familial Partial Lipodystrophy. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 346-362.	3.6	6
2	Enhancement of anaerobic glycolysis â€“ a role of PGC-1Î±4 in resistance exercise. Nature Communications, 2022, 13, 2324.	12.8	23
3	The Effect of Glucagon on Protein Catabolism During Insulin Deficiency: Exchange of Amino Acids Across Skeletal Muscle and the Splanchnic Bed. Diabetes, 2022, 71, 1636-1648.	0.6	4
4	Characterization of cellular senescence in aging skeletal muscle. Nature Aging, 2022, 2, 601-615.	11.6	61
5	Higher unacylated ghrelin and insulin sensitivity following dietary restriction and weight loss in obese humans. Clinical Nutrition, 2021, 40, 638-644.	5.0	10
6	Brain functions and cognition on transient insulin deprivation in type 1 diabetes. JCI Insight, 2021, 6, .	5.0	5
7	Hormonal and Metabolic Changes of Aging and the Influence of Lifestyle Modifications. Mayo Clinic Proceedings, 2021, 96, 788-814.	3.0	45
8	Too much of a good thing: Excess exercise can harm mitochondria. Cell Metabolism, 2021, 33, 847-848.	16.2	8
9	A size-exclusion-based approach for purifying extracellular vesicles from human plasma. Cell Reports Methods, 2021, 1, 100055.	2.9	25
10	Circulating extracellular vesicles are a biomarker for NAFLD resolution and response to weight loss surgery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 36, 102430.	3.3	19
11	Diet Effects on Cerebrospinal Fluid Amino Acids Levels in Adults with Normal Cognition and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2021, 84, 843-853.	2.6	4
12	Metabolic responsiveness to training depends on insulin sensitivity and protein content of exosomes in insulin-resistant males. Science Advances, 2021, 7, eabi9551.	10.3	24
13	Transcriptomic Regulation of Muscle Mitochondria and Calcium Signaling by Insulin/IGF-1 Receptors Depends on FoxO Transcription Factors. Frontiers in Physiology, 2021, 12, 779121.	2.8	5
14	Diabetes Mellitus. Mayo Clinic Proceedings, 2020, 95, 15-21.	3.0	1
15	Comparative Analysis of Skeletal Muscle Transcriptional Signatures Associated With Aerobic Exercise Capacity or Response to Training in Humans and Rats. Frontiers in Endocrinology, 2020, 11, 591476.	3.5	12
16	In vivo assessment of glutamine anaplerosis into the TCA cycle in human pre-malignant and malignant clonal plasma cells. Cancer & Metabolism, 2020, 8, 29.	5.0	15
17	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. Cell, 2020, 181, 1464-1474.	28.9	147
18	GDF15 mediates the effects of metformin on body weight and energy balance. Nature, 2020, 578, 444-448.	27.8	326

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19	Timeâ€Restricted Eating Effects on Body Composition and Metabolic Measures in Humans who are Overweight: A Feasibility Study. Obesity, 2020, 28, 860-869.	3.0	190
20	LIM and cysteine-rich domains 1 (LMCD1) regulates skeletal muscle hypertrophy, calcium handling, and force. Skeletal Muscle, 2019, 9, 26.	4.2	25
21	Insulin deficiency and intranasal insulin alter brain mitochondrial function: a potential factor for dementia in diabetes. FASEB Journal, 2019, 33, 4458-4472.	0.5	38
22	TFAM Enhances Fat Oxidation and Attenuates High-Fat Dietâ€“Induced Insulin Resistance in Skeletal Muscle. Diabetes, 2019, 68, 1552-1564.	0.6	54
23	AMPK and PPARÎ² positive feedback loop regulates endurance exercise training-mediated GLUT4 expression in skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E931-E939.	3.5	27
24	Mitochondrial Morphology, Dynamics, and Function in Human Pressure Overload or Ischemic Heart Disease With Preserved or Reduced Ejection Fraction. Circulation: Heart Failure, 2019, 12, e005131.	3.9	82
25	Sexâ€specific effects of dehydroepiandrosterone (DHEA) on bone mineral density and body composition: A pooled analysis of four clinical trials. Clinical Endocrinology, 2019, 90, 293-300.	2.4	27
26	FoxO Transcription Factors Are Critical Regulators of Diabetes-Related Muscle Atrophy. Diabetes, 2019, 68, 556-570.	0.6	105
27	Exercise and metformin counteract altered mitochondrial function in the insulin-resistant brain. JCI Insight, 2019, 4, .	5.0	75
28	Increased Brain Glucose Uptake After 12 Weeks of Aerobic High-Intensity Interval Training in Young and Older Adults. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 221-227.	3.6	41
29	A novel triple-tracer approach to assess postprandial protein turnover. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E469-E477.	3.5	4
30	Glutamine-derived 2-hydroxyglutarate is associated with disease progression in plasma cell malignancies. JCI Insight, 2018, 3, .	5.0	39
31	Altered mitochondrial function in insulin-deficient and insulin-resistant states. Journal of Clinical Investigation, 2018, 128, 3671-3681.	8.2	136
32	Combining a nontargeted and targeted metabolomics approach to identify metabolic pathways significantly altered in polycystic ovary syndrome. Metabolism: Clinical and Experimental, 2017, 71, 52-63.	3.4	48
33	Enhanced Protein Translation Underlies Improved Metabolic and Physical Adaptations to Different Exercise Training Modes in Young and Old Humans. Cell Metabolism, 2017, 25, 581-592.	16.2	381
34	Mitochondrial Integrity and Function in the Progression of Early Pressure Overloadâ€“Induced Left Ventricular Remodeling. Journal of the American Heart Association, 2017, 6, .	3.7	21
35	Reflections on Diabetes Editorship (2012â€“2016). Diabetes, 2017, 66, 5-6.	0.6	0
36	Insulin Regulation of Proteostasis and Clinical Implications. Cell Metabolism, 2017, 26, 310-323.	16.2	85

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37	Mechanism by Which Caloric Restriction Improves Insulin Sensitivity in Sedentary Obese Adults. Diabetes, 2016, 65, 74-84.	0.6	86
38	Functional and proteomic alterations of plasma high density lipoproteins in type 1 diabetes mellitus. Metabolism: Clinical and Experimental, 2016, 65, 1421-1431.	3.4	47
39	Release of skeletal muscle peptide fragments identifies individual proteins degraded during insulin deprivation in type 1 diabetic humans and mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E628-E637.	3.5	26
40	FOXO3a regulates BNIP3 and modulates mitochondrial calcium, dynamics, and function in cardiac stress. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1540-H1559.	3.2	72
41	Effect of Dehydroepiandrosterone and Testosterone Supplementation on Systemic Lipolysis. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1719-1728.	3.6	7
42	Hyperglucagonemia Mitigates the Effect of Metformin on Glucose Production in Prediabetes. Cell Reports, 2016, 15, 1394-1400.	6.4	50
43	Eulogy for the Metabolic Clinical Investigator?. Diabetes, 2016, 65, 2821-2823.	0.6	4
44	Comparative gene expression and phenotype analyses of skeletal muscle from aged wild-type and PAPP-A-deficient mice. Experimental Gerontology, 2016, 80, 36-42.	2.8	12
45	Impact of Long-Term Poor and Good Glycemic Control on Metabolomics Alterations in Type 1 Diabetic People. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1023-1033.	3.6	41
46	Altered Skeletal Muscle Mitochondrial Proteome As the Basis of Disruption of Mitochondrial Function in Diabetic Mice. Diabetes, 2016, 65, 561-573.	0.6	40
47	Predictors of Whole-Body Insulin Sensitivity Across Ages and Adiposity in Adult Humans. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 626-634.	3.6	55
48	1Î±,25-Dihydroxyvitamin D3 Regulates Mitochondrial Oxygen Consumption and Dynamics in Human Skeletal Muscle Cells. Journal of Biological Chemistry, 2016, 291, 1514-1528.	3.4	164
49	Metabolomics Workbench: An international repository for metabolomics data and metadata, metabolite standards, protocols, tutorials and training, and analysis tools. Nucleic Acids Research, 2016, 44, D463-D470.	14.5	568
50	Insulin and IGF-1 receptors regulate FoxO-mediated signaling in muscle proteostasis. Journal of Clinical Investigation, 2016, 126, 3433-3446.	8.2	132
51	Induction of Hyperandrogenism in Lean Reproductive-Age Women Stimulates Proatherogenic Inflammation. Hormone and Metabolic Research, 2015, 47, 439-444.	1.5	10
52	Defects in Mitochondrial Efficiency and H2O2 Emissions in Obese Women Are Restored to a Lean Phenotype With Aerobic Exercise Training. Diabetes, 2015, 64, 2104-2115.	0.6	89
53	Combined Training Enhances Skeletal Muscle Mitochondrial Oxidative Capacity Independent of Age. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1654-1663.	3.6	94
54	Effect of Insulin Sensitizer Therapy on Amino Acids and Their Metabolites. Metabolism: Clinical and Experimental, 2015, 64, 720-728.	3.4	77

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55	Application of high-resolution mass spectrometry to measure low abundance isotope enrichment in individual muscle proteins. Analytical and Bioanalytical Chemistry, 2015, 407, 4045-4052.	3.7	12
56	Detection and Quantitation of Circulating Human Irisin by Tandem Mass Spectrometry. Cell Metabolism, 2015, 22, 734-740.	16.2	414
57	Mitochondrial Aging and Physical Decline: Insights From Three Generations of Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1409-1417.	3.6	43
58	Differential Effect of Endurance Training on Mitochondrial Protein Damage, Degradation, and Acetylation in the Context of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1386-1393.	3.6	58
59	Citrulline stimulates muscle protein synthesis in the post-absorptive state in healthy people fed a low-protein diet â€“ A pilot study. Clinical Nutrition, 2015, 34, 449-456.	5.0	60
60	Fasting Increases Human Skeletal Muscle Net Phenylalanine Release and This Is Associated with Decreased mTOR Signaling. PLoS ONE, 2014, 9, e102031.	2.5	59
61	Impact of insulin deprivation and treatment on sphingolipid distribution in different muscle subcellular compartments of streptozotocin-diabetic C57Bl/6 mice. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E529-E542.	3.5	22
62	Chronically endurance-trained individuals preserve skeletal muscle mitochondrial gene expression with age but differences within age groups remain. Physiological Reports, 2014, 2, e12239.	1.7	13
63	High Insulin Combined With Essential Amino Acids Stimulates Skeletal Muscle Mitochondrial Protein Synthesis While Decreasing Insulin Sensitivity in Healthy Humans. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2574-E2583.	3.6	50
64	Time to Look Back and to Look Forward. Diabetes, 2014, 63, 1169-1170.	0.6	0
65	Protein intake and exercise for optimal muscle function with aging: Recommendations from the ESPEN Expert Group. Clinical Nutrition, 2014, 33, 929-936.	5.0	1,108
66	Adipocyte Mitochondrial Function Is Reduced in Human Obesity Independent of Fat Cell Size. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E209-E216.	3.6	171
67	Altered regulation of energy homeostasis in older rats in response to thyroid hormone administration. FASEB Journal, 2014, 28, 1499-1510.	0.5	11
68	Upper-body obese women are resistant to postprandial stimulation ofÂprotein synthesis. Clinical Nutrition, 2014, 33, 802-807.	5.0	8
69	The 2010 ESPEN Sir David Cuthbertson Lecture: New and old proteins: Clinical implications. Clinical Nutrition, 2013, 32, 728-736.	5.0	6
70	Mouse muscle protein expression during aging and calorie restriction - Analysis utilizing SILAC mouse. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, S56.	2.6	0
71	Sparing of muscle mass and function by passive loading in an experimental intensive care unit model. Journal of Physiology, 2013, 591, 1385-1402.	2.9	48
72	Skeletal muscle aging and the mitochondrion. Trends in Endocrinology and Metabolism, 2013, 24, 247-256.	7.1	172

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73	Mitochondrial and skeletal muscle health with advancing age. Molecular and Cellular Endocrinology, 2013, 379, 19-29.	3.2	46
74	Influence of fish oil on skeletal muscle mitochondrial energetics and lipid metabolites during high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E1391-E1403.	3.5	116
75	Comparison of different mass spectrometry techniques in the measurement of Lâ€[ringâ€¹³C₆]phenylalanine incorporation into mixed muscle proteins. Journal of Mass Spectrometry, 2013, 48, 269-275.	1.6	29
76	Influence of Fish Oil on Skeletal Muscle Mitochondrial Energetics and Lipid Metabolites during Highâ€Fat Diet. FASEB Journal, 2013, 27, 1154.8.	0.5	1
77	Insulin-Mediated FFA Suppression Is Associated with Triglyceridemia and Insulin Sensitivity Independent of Adiposity. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 4130-4138.	3.6	19
78	Hyperandrogenism Sensitizes Leukocytes to Hyperglycemia to Promote Oxidative Stress in Lean Reproductive-Age Women. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2836-2843.	3.6	59
79	Acute Free Fatty Acid Elevation Eliminates Endurance Training Effect on Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2890-2897.	3.6	12
80	Effects of Type 2 Diabetes and Insulin on Whole-Body, Splanchnic, and Leg Protein Metabolism. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 4733-4741.	3.6	7
81	A PGC-1Î± Isoform Induced by Resistance Training Regulates Skeletal Muscle Hypertrophy. Cell, 2012, 151, 1319-1331.	28.9	548
82	Chronic Caloric Restriction Preserves Mitochondrial Function in Senescence without Increasing Mitochondrial Biogenesis. Cell Metabolism, 2012, 16, 777-788.	16.2	183
83	Age effect on myocellular remodeling: Response to exercise and nutrition in humans. Ageing Research Reviews, 2012, 11, 374-389.	10.9	23
84	Effect of Insulin Sensitizer Therapy on Atherothrombotic and Inflammatory Profiles Associated With Insulin Resistance. Mayo Clinic Proceedings, 2012, 87, 561-570.	3.0	15
85	Concordance of Changes in Metabolic Pathways Based on Plasma Metabolomics and Skeletal Muscle Transcriptomics in Type 1 Diabetes. Diabetes, 2012, 61, 1004-1016.	0.6	55
86	Hormone Replacement Therapy and Physical Function in Healthy Older Men. Time to Talk Hormones?. Endocrine Reviews, 2012, 33, 314-377.	20.1	111
87	Insulin fails to enhance mTOR phosphorylation, mitochondrial protein synthesis, and ATP production in human skeletal muscle without amino acid replacement. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1117-E1125.	3.5	41
88	Function-Based Discovery of Significant Transcriptional Temporal Patterns in Insulin Stimulated Muscle Cells. PLoS ONE, 2012, 7, e32391.	2.5	11
89	Electron spray ionization mass spectrometry and 2D 31P NMR for monitoring 18O/16O isotope exchange and turnover rates of metabolic oligophosphates. Analytical and Bioanalytical Chemistry, 2012, 403, 697-706.	3.7	13
90	Adiposity, but not chronological age, promotes accumulation of some old and damaged proteins. FASEB Journal, 2012, 26, .	0.5	0

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91	Influence of Frailty and Health Status on Outcomes in Patients With Coronary Disease Undergoing Percutaneous Revascularization. Circulation: Cardiovascular Quality and Outcomes, 2011, 4, 496-502.	2.2	208
92	Can Dietary Nitrates Enhance the Efficiency of Mitochondria?. Cell Metabolism, 2011, 13, 117-118.	16.2	9
93	Unique Cellular and Mitochondrial Defects Mediate FK506-Induced Islet Î²-Cell Dysfunction. Transplantation, 2011, 91, 615-623.	1.0	50
94	Preferential skeletal muscle myosin loss in response to mechanical silencing in a novel rat intensive care unit model: underlying mechanisms. Journal of Physiology, 2011, 589, 2007-2026.	2.9	112
95	Measurement of human skeletal muscle oxidative capacity by ³¹Pâ€MR spectroscopy: A crossâ€validation with in vitro measurements. Journal of Magnetic Resonance Imaging, 2011, 34, 1143-1150.	3.4	78
96	Nine Days of Intensive Exercise Training Improves Mitochondrial Function But Not Insulin Action in Adult Offspring of Mothers with Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1137-E1141.	3.6	38
97	Effects of Insulin Sensitivity, Body Composition, and Fitness on Lipoprotein Particle Sizes and Concentrations Determined by Nuclear Magnetic Resonance. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E713-E718.	3.6	12
98	Nonoxidative Free Fatty Acid Disposal Is Greater in Young Women than Men. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 541-547.	3.6	44
99	Mitochondrial oxidative capacity and coupling: effects of aging and exercise training. FASEB Journal, 2011, 25, .	0.5	0
100	Fish oil protects against dietâ€induced insulin resistance and modifies ceramide composition and mitochondrial physiology in skeletal muscle. FASEB Journal, 2011, 25, 1095.8.	0.5	0
101	Mitochondrial metabolic function assessed in vivo and in vitro. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 511-517.	2.5	63
102	Mitochondrial DNA alterations and reduced mitochondrial function in aging. Mechanisms of Ageing and Development, 2010, 131, 451-462.	4.6	75
103	Protein and energy metabolism in type 1 diabetes. Clinical Nutrition, 2010, 29, 13-17.	5.0	64
104	Regulation of skeletal muscle mitochondrial function: genes to proteins. Acta Physiologica, 2010, 199, 529-547.	3.8	63
105	Effects of Adiposity and 30 Days of Caloric Restriction Upon Protein Metabolism in Moderately vs. Severely Obese Women. Obesity, 2010, 18, 1135-1142.	3.0	14
106	Identification of De Novo Synthesized and Relatively Older Proteins. Diabetes, 2010, 59, 2366-2374.	0.6	42
107	Age, Obesity, and Sex Effects on Insulin Sensitivity and Skeletal Muscle Mitochondrial Function. Diabetes, 2010, 59, 89-97.	0.6	242
108	Effects on Lipoprotein Particles of Long-Term Dehydroepiandrosterone in Elderly Men and Women and Testosterone in Elderly Men. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 1617-1625.	3.6	19

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109	The Effect of Branched Chain Amino Acids on Skeletal Muscle Mitochondrial Function in Young and Elderly Adults. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 894-902.	3.6	40
110	Quantitative Metabolomics by 1H-NMR and LC-MS/MS Confirms Altered Metabolic Pathways in Diabetes. PLoS ONE, 2010, 5, e10538.	2.5	218
111	Bi-Linear Regression for 18O Quantification: Modeling across the Elution Profile. Journal of Proteomics and Bioinformatics, 2010, 03, 314-320.	0.4	4
112	Caloric Restriction Attenuates Many Ageâ€Related Changes in Skeletal Muscle Mitochondrial Physiology. FASEB Journal, 2010, 24, 621.1.	0.5	0
113	Reply to SN Thornton and K Hess. American Journal of Clinical Nutrition, 2009, 89, 1476-1477.	4.7	1
114	Potential Application of Essential Amino Acid Supplementation to Treat Sarcopenia in Elderly People. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1524-1526.	3.6	18
115	Effect of Dehydroepiandrosterone Replacement on Lipoprotein Profile in Hypoadrenal Women. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 761-764.	3.6	29
116	Impact of Type 1 Diabetes and Insulin Treatment on Plasma Levels and Fractional Synthesis Rate of Retinol-Binding Protein 4. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 5125-5130.	3.6	12
117	Fatty Acid Metabolism in the Elderly: Effects of Dehydroepiandrosterone and Testosterone Replacement in Hormonally Deficient Men and Women. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3414-3423.	3.6	29
118	Differential effects of insulin deprivation and systemic insulin treatment on plasma protein synthesis in type 1 diabetic people. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E889-E897.	3.5	20
119	Muscle mitochondrial changes with aging and exercise. American Journal of Clinical Nutrition, 2009, 89, 467S-471S.	4.7	123
120	Higher muscle protein synthesis in women than men across the lifespan, and failure of androgen administration to amend ageâ€related decrements. FASEB Journal, 2009, 23, 631-641.	0.5	86
121	Paradoxical Coupling of Triglyceride Synthesis and Fatty Acid Oxidation in Skeletal Muscle Overexpressing DGAT1. Diabetes, 2009, 58, 2516-2524.	0.6	55
122	Interdependence of Signal Processing and Analysis of Urine ¹H NMR Spectra for Metabolic Profiling. Analytical Chemistry, 2009, 81, 6080-6088.	6.5	48
123	Chapter 20: Functional Assessment of Isolated Mitochondria In Vitro. Methods in Enzymology, 2009, 457, 349-372.	1.0	196
124	Effect of Testosterone on Insulin Stimulated IRS1 Ser Phosphorylation in Primary Rat Myotubesâ€"A Potential Model for PCOS-Related Insulin Resistance. PLoS ONE, 2009, 4, e4274.	2.5	56
125	The Effect of High Glucocorticoid Administration and Food Restriction on Rodent Skeletal Muscle Mitochondrial Function and Protein Metabolism. PLoS ONE, 2009, 4, e5283.	2.5	15
126	Endurance Exercise as a Countermeasure for Aging. Diabetes, 2008, 57, 2933-2942.	0.6	493

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127	Dehydroepiandrosterone Replacement Therapy in Hypoadrenal Women: Protein Anabolism and Skeletal Muscle Function. Mayo Clinic Proceedings, 2008, 83, 1218-1225.	3.0	14
128	Frailty and Its Potential Relevance to Cardiovascular Care. Mayo Clinic Proceedings, 2008, 83, 1146-1153.	3.0	94
129	Changes in Body Composition in Women Following Treatment of Overt and Subclinical Hyperthyroidism. Endocrine Practice, 2008, 14, 973-978.	2.1	39
130	Effect of Oral Amino Acids on Counterregulatory Responses and Cognitive Function During Insulin-Induced Hypoglycemia in Nondiabetic and Type 1 Diabetic People. Diabetes, 2008, 57, 1905-1917.	0.6	26
131	Asian Indians Have Enhanced Skeletal Muscle Mitochondrial Capacity to Produce ATP in Association With Severe Insulin Resistance. Diabetes, 2008, 57, 1166-1175.	0.6	163
132	Enhancement of Muscle Mitochondrial Function by Growth Hormone. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 597-604.	3.6	74
133	In vivo measurement of synthesis rate of individual skeletal muscle mitochondrial proteins. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1255-E1268.	3.5	69
134	Functional impact of high protein intake on healthy elderly people. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E921-E928.	3.5	104
135	Diabetes and Protein Metabolism. Diabetes, 2008, 57, 3-4.	0.6	55
136	The Effects of Growth Hormone and/or Testosterone on Whole Body Protein Kinetics and Skeletal Muscle Gene Expression in Healthy Elderly Men: A Randomized Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3066-3074.	3.6	48
137	Lack of Dehydroepiandrosterone Effect on a Combined Endurance and Resistance Exercise Program in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 534-538.	3.6	58
138	Skeletal muscle protein synthesis in the elderly: Age, gender, and androgen supplementation. FASEB Journal, 2008, 22, 305.3.	0.5	0
139	The Impact of Longâ€Term Physical Activity on Ageâ€Related Changes in Protein and Gene Expression. FASEB Journal, 2008, 22, 1163.21.	0.5	0
140	Protein Dynamics across splanchnic and skeletal muscle beds following coâ€ingestion of whey protein and casein in humans. FASEB Journal, 2008, 22, 693-693.	0.5	0
141	Effect of Insulin Deprivation on Muscle Mitochondrial ATP Production and Gene Transcript Levels in Type 1 Diabetic Subjects. Diabetes, 2007, 56, 2683-2689.	0.6	104
142	A Method for Automatically Interpreting Mass Spectra of 18O-Labeled Isotopic Clusters. Molecular and Cellular Proteomics, 2007, 6, 305-318.	3.8	59
143	DHEA in Elderly Women and DHEA or Testosterone in Elderly Men. Obstetrical and Gynecological Survey, 2007, 62, 113-114.	0.4	13
144	Effect of 2 Years of Testosterone Replacement on Insulin Secretion, Insulin Action, Glucose Effectiveness, Hepatic Insulin Clearance, and Postprandial Glucose Turnover in Elderly Men. Diabetes Care, 2007, 30, 1972-1978.	8.6	85

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145	Impact of endurance training on murine spontaneous activity, muscle mitochondrial DNA abundance, gene transcripts, and function. Journal of Applied Physiology, 2007, 102, 1078-1089.	2.5	70
146	Aging and diabetes: Mitochondrial dysfunction. Current Diabetes Reports, 2007, 7, 249-251.	4.2	11
147	Skeletal muscle gene transcript changes in type 1 diabetic patients following insulin deprivation. FASEB Journal, 2007, 21, A343.	0.5	0
148	Fractional Synthesis Rates of Multiple Isolated Mitochondrial and Nonâ€Mitochondrial Proteins in Rat Skeletal Muscle. FASEB Journal, 2007, 21, A163.	0.5	0
149	DHEA in Elderly Women and DHEA or Testosterone in Elderly Men. New England Journal of Medicine, 2006, 355, 1647-1659.	27.0	527
150	Mechanism of insulin's anabolic effect on muscle: measurements of muscle protein synthesis and breakdown using aminoacyl-tRNA and other surrogate measures. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E729-E736.	3.5	107
151	Skeletal Muscle Mitochondrial Functions, Mitochondrial DNA Copy Numbers, and Gene Transcript Profiles in Type 2 Diabetic and Nondiabetic Subjects at Equal Levels of Low or High Insulin and Euglycemia. Diabetes, 2006, 55, 3309-3319.	0.6	174
152	Assessment of Branched-Chain Amino Acid Status and Potential for Biomarkers. Journal of Nutrition, 2006, 136, 324S-330S.	2.9	106
153	Renal amino acid, fat and glucose metabolism in type 1 diabetic and non-diabetic humans: effects of acute insulin withdrawal. Diabetologia, 2006, 49, 1901-1908.	6.3	28
154	Effects of Insulin Deprivation and Treatment on Homocysteine Metabolism in People with Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3344-3348.	3.6	32
155	Changes in Skeletal Muscle Protein Metabolism and Myosin Heavy Chain Isoform Messenger Ribonucleic Acid Abundance after Treatment of Hyperthyroidism. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4650-4656.	3.6	29
156	Anthropometric Prediction of Total Body Water in Children Who Are on Pediatric Peritoneal Dialysis. Journal of the American Society of Nephrology: JASN, 2006, 17, 285-293.	6.1	49
157	The Impact of Overt and Subclinical Hyperthyroidism on Skeletal Muscle. Thyroid, 2006, 16, 375-380.	4.5	122
158	Effect of increasing dietary protein content on muscle protein metabolism in healthy young and older people. FASEB Journal, 2006, 20, A555.	0.5	0
159	Insulin resistance in aging â€“ what causes it?. FASEB Journal, 2006, 20, LB83.	0.5	0
160	Hormonal and Signaling Role of Branched-Chain Amino Acids. Journal of Nutrition, 2005, 135, 1547S-1552S.	2.9	133
161	Aging muscle. American Journal of Clinical Nutrition, 2005, 81, 953-963.	4.7	450
162	The Effect of Insulin on Protein Metabolism. , 2005, , 105-132.		1

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163	Changes in myosin heavy chain mRNA and protein expression in human skeletal muscle with age and endurance exercise training. Journal of Applied Physiology, 2005, 99, 95-102.	2.5	146
164	Identification of Amadori-Modified Plasma Proteins in Type 2 Diabetes and the Effect of Short-Term Intensive Insulin Treatment. Diabetes Care, 2005, 28, 645-652.	8.6	59
165	Effect of Dehydroepiandrosterone Replacement on Insulin Sensitivity and Lipids in Hypoadrenal Women. Diabetes, 2005, 54, 765-769.	0.6	108
166	Decline in skeletal muscle mitochondrial function with aging in humans. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5618-5623.	7.1	1,035
167	Sarcopenia of Aging and Its Metabolic Impact. Current Topics in Developmental Biology, 2005, 68, 123-148.	2.2	221
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