

K Sreekumaran Nair

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

18,478
citations

13087

68
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13758

129
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212
all docs

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docs citations

212
times ranked

22401
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Impaired Muscle Mitochondrial Function in Familial Partial Lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 346-362. | 1.8 | 6 |
| 2 | Enhancement of anaerobic glycolysis – a role of PGC-1 β in resistance exercise. <i>Nature Communications</i> , 2022, 13, 2324. | 5.8 | 23 |
| 3 | The Effect of Glucagon on Protein Catabolism During Insulin Deficiency: Exchange of Amino Acids Across Skeletal Muscle and the Splanchnic Bed. <i>Diabetes</i> , 2022, 71, 1636-1648. | 0.3 | 4 |
| 4 | Characterization of cellular senescence in aging skeletal muscle. <i>Nature Aging</i> , 2022, 2, 601-615. | 5.3 | 61 |
| 5 | Higher unacylated ghrelin and insulin sensitivity following dietary restriction and weight loss in obese humans. <i>Clinical Nutrition</i> , 2021, 40, 638-644. | 2.3 | 10 |
| 6 | Brain functions and cognition on transient insulin deprivation in type 1 diabetes. <i>JCI Insight</i> , 2021, 6, . | 2.3 | 5 |
| 7 | Hormonal and Metabolic Changes of Aging and the Influence of Lifestyle Modifications. <i>Mayo Clinic Proceedings</i> , 2021, 96, 788-814. | 1.4 | 45 |
| 8 | Too much of a good thing: Excess exercise can harm mitochondria. <i>Cell Metabolism</i> , 2021, 33, 847-848. | 7.2 | 8 |
| 9 | A size-exclusion-based approach for purifying extracellular vesicles from human plasma. <i>Cell Reports Methods</i> , 2021, 1, 100055. | 1.4 | 25 |
| 10 | Circulating extracellular vesicles are a biomarker for NAFLD resolution and response to weight loss surgery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 36, 102430. | 1.7 | 19 |
| 11 | Diet Effects on Cerebrospinal Fluid Amino Acids Levels in Adults with Normal Cognition and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 843-853. | 1.2 | 4 |
| 12 | Metabolic responsiveness to training depends on insulin sensitivity and protein content of exosomes in insulin-resistant males. <i>Science Advances</i> , 2021, 7, eabi9551. | 4.7 | 24 |
| 13 | Transcriptomic Regulation of Muscle Mitochondria and Calcium Signaling by Insulin/IGF-1 Receptors Depends on FoxO Transcription Factors. <i>Frontiers in Physiology</i> , 2021, 12, 779121. | 1.3 | 5 |
| 14 | Diabetes Mellitus. <i>Mayo Clinic Proceedings</i> , 2020, 95, 15-21. | 1.4 | 1 |
| 15 | Comparative Analysis of Skeletal Muscle Transcriptional Signatures Associated With Aerobic Exercise Capacity or Response to Training in Humans and Rats. <i>Frontiers in Endocrinology</i> , 2020, 11, 591476. | 1.5 | 12 |
| 16 | In vivo assessment of glutamine anaplerosis into the TCA cycle in human pre-malignant and malignant clonal plasma cells. <i>Cancer & Metabolism</i> , 2020, 8, 29. | 2.4 | 15 |
| 17 | Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474. | 13.5 | 147 |
| 18 | GDF15 mediates the effects of metformin on body weight and energy balance. <i>Nature</i> , 2020, 578, 444-448. | 13.7 | 326 |

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|----|--|-----|-----------|
| 19 | Time-Restricted Eating Effects on Body Composition and Metabolic Measures in Humans who are Overweight: A Feasibility Study. <i>Obesity</i> , 2020, 28, 860-869. | 1.5 | 190 |
| 20 | LIM and cysteine-rich domains 1 (LMCD1) regulates skeletal muscle hypertrophy, calcium handling, and force. <i>Skeletal Muscle</i> , 2019, 9, 26. | 1.9 | 25 |
| 21 | Insulin deficiency and intranasal insulin alter brain mitochondrial function: a potential factor for dementia in diabetes. <i>FASEB Journal</i> , 2019, 33, 4458-4472. | 0.2 | 38 |
| 22 | TFAM Enhances Fat Oxidation and Attenuates High-Fat Diet-Induced Insulin Resistance in Skeletal Muscle. <i>Diabetes</i> , 2019, 68, 1552-1564. | 0.3 | 54 |
| 23 | AMPK and PPAR ² positive feedback loop regulates endurance exercise training-mediated GLUT4 expression in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E931-E939. | 1.8 | 27 |
| 24 | Mitochondrial Morphology, Dynamics, and Function in Human Pressure Overload or Ischemic Heart Disease With Preserved or Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2019, 12, e005131. | 1.6 | 82 |
| 25 | Sex-specific effects of dehydroepiandrosterone (DHEA) on bone mineral density and body composition: A pooled analysis of four clinical trials. <i>Clinical Endocrinology</i> , 2019, 90, 293-300. | 1.2 | 27 |
| 26 | FoxO Transcription Factors Are Critical Regulators of Diabetes-Related Muscle Atrophy. <i>Diabetes</i> , 2019, 68, 556-570. | 0.3 | 105 |
| 27 | Exercise and metformin counteract altered mitochondrial function in the insulin-resistant brain. <i>JCI Insight</i> , 2019, 4, . | 2.3 | 75 |
| 28 | Increased Brain Glucose Uptake After 12 Weeks of Aerobic High-Intensity Interval Training in Young and Older Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 221-227. | 1.8 | 41 |
| 29 | A novel triple-tracer approach to assess postprandial protein turnover. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E469-E477. | 1.8 | 4 |
| 30 | Glutamine-derived 2-hydroxyglutarate is associated with disease progression in plasma cell malignancies. <i>JCI Insight</i> , 2018, 3, . | 2.3 | 39 |
| 31 | Altered mitochondrial function in insulin-deficient and insulin-resistant states. <i>Journal of Clinical Investigation</i> , 2018, 128, 3671-3681. | 3.9 | 136 |
| 32 | Combining a nontargeted and targeted metabolomics approach to identify metabolic pathways significantly altered in polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , 2017, 71, 52-63. | 1.5 | 48 |
| 33 | Enhanced Protein Translation Underlies Improved Metabolic and Physical Adaptations to Different Exercise Training Modes in Young and Old Humans. <i>Cell Metabolism</i> , 2017, 25, 581-592. | 7.2 | 381 |
| 34 | Mitochondrial Integrity and Function in the Progression of Early Pressure Overload-Induced Left Ventricular Remodeling. <i>Journal of the American Heart Association</i> , 2017, 6, . | 1.6 | 21 |
| 35 | Reflections on Diabetes Editorship (2012-2016). <i>Diabetes</i> , 2017, 66, 5-6. | 0.3 | 0 |
| 36 | Insulin Regulation of Proteostasis and Clinical Implications. <i>Cell Metabolism</i> , 2017, 26, 310-323. | 7.2 | 85 |

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|----|--|-----|-----------|
| 37 | Mechanism by Which Caloric Restriction Improves Insulin Sensitivity in Sedentary Obese Adults. <i>Diabetes</i> , 2016, 65, 74-84. | 0.3 | 86 |
| 38 | Functional and proteomic alterations of plasma high density lipoproteins in type 1 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1421-1431. | 1.5 | 47 |
| 39 | Release of skeletal muscle peptide fragments identifies individual proteins degraded during insulin deprivation in type 1 diabetic humans and mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E628-E637. | 1.8 | 26 |
| 40 | FOXO3a regulates BNIP3 and modulates mitochondrial calcium, dynamics, and function in cardiac stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1540-H1559. | 1.5 | 72 |
| 41 | Effect of Dehydroepiandrosterone and Testosterone Supplementation on Systemic Lipolysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1719-1728. | 1.8 | 7 |
| 42 | Hyperglucagonemia Mitigates the Effect of Metformin on Glucose Production in Prediabetes. <i>Cell Reports</i> , 2016, 15, 1394-1400. | 2.9 | 50 |
| 43 | Eulogy for the Metabolic Clinical Investigator?. <i>Diabetes</i> , 2016, 65, 2821-2823. | 0.3 | 4 |
| 44 | Comparative gene expression and phenotype analyses of skeletal muscle from aged wild-type and PAPP-A-deficient mice. <i>Experimental Gerontology</i> , 2016, 80, 36-42. | 1.2 | 12 |
| 45 | Impact of Long-Term Poor and Good Glycemic Control on Metabolomics Alterations in Type 1 Diabetic People. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1023-1033. | 1.8 | 41 |
| 46 | Altered Skeletal Muscle Mitochondrial Proteome As the Basis of Disruption of Mitochondrial Function in Diabetic Mice. <i>Diabetes</i> , 2016, 65, 561-573. | 0.3 | 40 |
| 47 | Predictors of Whole-Body Insulin Sensitivity Across Ages and Adiposity in Adult Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 626-634. | 1.8 | 55 |
| 48 | 1 α ,25-Dihydroxyvitamin D3 Regulates Mitochondrial Oxygen Consumption and Dynamics in Human Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 1514-1528. | 1.6 | 164 |
| 49 | Metabolomics Workbench: An international repository for metabolomics data and metadata, metabolite standards, protocols, tutorials and training, and analysis tools. <i>Nucleic Acids Research</i> , 2016, 44, D463-D470. | 6.5 | 568 |
| 50 | Insulin and IGF-1 receptors regulate FoxO-mediated signaling in muscle proteostasis. <i>Journal of Clinical Investigation</i> , 2016, 126, 3433-3446. | 3.9 | 132 |
| 51 | Induction of Hyperandrogenism in Lean Reproductive-Age Women Stimulates Proatherogenic Inflammation. <i>Hormone and Metabolic Research</i> , 2015, 47, 439-444. | 0.7 | 10 |
| 52 | Defects in Mitochondrial Efficiency and H ₂ O ₂ Emissions in Obese Women Are Restored to a Lean Phenotype With Aerobic Exercise Training. <i>Diabetes</i> , 2015, 64, 2104-2115. | 0.3 | 89 |
| 53 | Combined Training Enhances Skeletal Muscle Mitochondrial Oxidative Capacity Independent of Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1654-1663. | 1.8 | 94 |
| 54 | Effect of Insulin Sensitizer Therapy on Amino Acids and Their Metabolites. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 720-728. | 1.5 | 77 |

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|----|---|-----|-----------|
| 55 | Application of high-resolution mass spectrometry to measure low abundance isotope enrichment in individual muscle proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4045-4052. | 1.9 | 12 |
| 56 | Detection and Quantitation of Circulating Human Irisin by Tandem Mass Spectrometry. <i>Cell Metabolism</i> , 2015, 22, 734-740. | 7.2 | 414 |
| 57 | Mitochondrial Aging and Physical Decline: Insights From Three Generations of Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1409-1417. | 1.7 | 43 |
| 58 | Differential Effect of Endurance Training on Mitochondrial Protein Damage, Degradation, and Acetylation in the Context of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1386-1393. | 1.7 | 58 |
| 59 | Citrulline stimulates muscle protein synthesis in the post-absorptive state in healthy people fed a low-protein diet – A pilot study. <i>Clinical Nutrition</i> , 2015, 34, 449-456. | 2.3 | 60 |
| 60 | Fasting Increases Human Skeletal Muscle Net Phenylalanine Release and This Is Associated with Decreased mTOR Signaling. <i>PLoS ONE</i> , 2014, 9, e102031. | 1.1 | 59 |
| 61 | Impact of insulin deprivation and treatment on sphingolipid distribution in different muscle subcellular compartments of streptozotocin-diabetic C57Bl/6 mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E529-E542. | 1.8 | 22 |
| 62 | Chronically endurance-trained individuals preserve skeletal muscle mitochondrial gene expression with age but differences within age groups remain. <i>Physiological Reports</i> , 2014, 2, e12239. | 0.7 | 13 |
| 63 | High Insulin Combined With Essential Amino Acids Stimulates Skeletal Muscle Mitochondrial Protein Synthesis While Decreasing Insulin Sensitivity in Healthy Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2574-E2583. | 1.8 | 50 |
| 64 | Time to Look Back and to Look Forward. <i>Diabetes</i> , 2014, 63, 1169-1170. | 0.3 | 0 |
| 65 | Protein intake and exercise for optimal muscle function with aging: Recommendations from the ESPEN Expert Group. <i>Clinical Nutrition</i> , 2014, 33, 929-936. | 2.3 | 1,108 |
| 66 | Adipocyte Mitochondrial Function Is Reduced in Human Obesity Independent of Fat Cell Size. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E209-E216. | 1.8 | 171 |
| 67 | Altered regulation of energy homeostasis in older rats in response to thyroid hormone administration. <i>FASEB Journal</i> , 2014, 28, 1499-1510. | 0.2 | 11 |
| 68 | Upper-body obese women are resistant to postprandial stimulation of β -protein synthesis. <i>Clinical Nutrition</i> , 2014, 33, 802-807. | 2.3 | 8 |
| 69 | The 2010 ESPEN Sir David Cuthbertson Lecture: New and old proteins: Clinical implications. <i>Clinical Nutrition</i> , 2013, 32, 728-736. | 2.3 | 6 |
| 70 | Mouse muscle protein expression during aging and calorie restriction - Analysis utilizing SILAC mouse. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, S56. | 1.1 | 0 |
| 71 | Sparing of muscle mass and function by passive loading in an experimental intensive care unit model. <i>Journal of Physiology</i> , 2013, 591, 1385-1402. | 1.3 | 48 |
| 72 | Skeletal muscle aging and the mitochondrion. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 247-256. | 3.1 | 172 |

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|----|--|------|-----------|
| 73 | Mitochondrial and skeletal muscle health with advancing age. <i>Molecular and Cellular Endocrinology</i> , 2013, 379, 19-29. | 1.6 | 46 |
| 74 | Influence of fish oil on skeletal muscle mitochondrial energetics and lipid metabolites during high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1391-E1403. | 1.8 | 116 |
| 75 | Comparison of different mass spectrometry techniques in the measurement of [$^{13}\text{C}_6$]phenylalanine incorporation into mixed muscle proteins. <i>Journal of Mass Spectrometry</i> , 2013, 48, 269-275. | 0.7 | 29 |
| 76 | Influence of Fish Oil on Skeletal Muscle Mitochondrial Energetics and Lipid Metabolites during High-Fat Diet. <i>FASEB Journal</i> , 2013, 27, 1154.8. | 0.2 | 1 |
| 77 | Insulin-Mediated FFA Suppression Is Associated with Triglyceridemia and Insulin Sensitivity Independent of Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4130-4138. | 1.8 | 19 |
| 78 | Hyperandrogenism Sensitizes Leukocytes to Hyperglycemia to Promote Oxidative Stress in Lean Reproductive-Age Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2836-2843. | 1.8 | 59 |
| 79 | Acute Free Fatty Acid Elevation Eliminates Endurance Training Effect on Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2890-2897. | 1.8 | 12 |
| 80 | Effects of Type 2 Diabetes and Insulin on Whole-Body, Splanchnic, and Leg Protein Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4733-4741. | 1.8 | 7 |
| 81 | A PGC-1 α Isoform Induced by Resistance Training Regulates Skeletal Muscle Hypertrophy. <i>Cell</i> , 2012, 151, 1319-1331. | 13.5 | 548 |
| 82 | Chronic Caloric Restriction Preserves Mitochondrial Function in Senescence without Increasing Mitochondrial Biogenesis. <i>Cell Metabolism</i> , 2012, 16, 777-788. | 7.2 | 183 |
| 83 | Age effect on myocellular remodeling: Response to exercise and nutrition in humans. <i>Ageing Research Reviews</i> , 2012, 11, 374-389. | 5.0 | 23 |
| 84 | Effect of Insulin Sensitizer Therapy on Atherothrombotic and Inflammatory Profiles Associated With Insulin Resistance. <i>Mayo Clinic Proceedings</i> , 2012, 87, 561-570. | 1.4 | 15 |
| 85 | Concordance of Changes in Metabolic Pathways Based on Plasma Metabolomics and Skeletal Muscle Transcriptomics in Type 1 Diabetes. <i>Diabetes</i> , 2012, 61, 1004-1016. | 0.3 | 55 |
| 86 | Hormone Replacement Therapy and Physical Function in Healthy Older Men. Time to Talk Hormones?. <i>Endocrine Reviews</i> , 2012, 33, 314-377. | 8.9 | 111 |
| 87 | Insulin fails to enhance mTOR phosphorylation, mitochondrial protein synthesis, and ATP production in human skeletal muscle without amino acid replacement. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E1117-E1125. | 1.8 | 41 |
| 88 | Function-Based Discovery of Significant Transcriptional Temporal Patterns in Insulin Stimulated Muscle Cells. <i>PLoS ONE</i> , 2012, 7, e32391. | 1.1 | 11 |
| 89 | Electron spray ionization mass spectrometry and 2D ^{31}P NMR for monitoring $^{18}\text{O}/^{16}\text{O}$ isotope exchange and turnover rates of metabolic oligophosphates. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 697-706. | 1.9 | 13 |
| 90 | Adiposity, but not chronological age, promotes accumulation of some old and damaged proteins. <i>FASEB Journal</i> , 2012, 26, . | 0.2 | 0 |

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|-----|---|-----|-----------|
| 91 | Influence of Frailty and Health Status on Outcomes in Patients With Coronary Disease Undergoing Percutaneous Revascularization. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2011, 4, 496-502. | 0.9 | 208 |
| 92 | Can Dietary Nitrates Enhance the Efficiency of Mitochondria?. <i>Cell Metabolism</i> , 2011, 13, 117-118. | 7.2 | 9 |
| 93 | Unique Cellular and Mitochondrial Defects Mediate FK506-Induced Islet β -Cell Dysfunction. <i>Transplantation</i> , 2011, 91, 615-623. | 0.5 | 50 |
| 94 | Preferential skeletal muscle myosin loss in response to mechanical silencing in a novel rat intensive care unit model: underlying mechanisms. <i>Journal of Physiology</i> , 2011, 589, 2007-2026. | 1.3 | 112 |
| 95 | Measurement of human skeletal muscle oxidative capacity by ^{31}P -MRS spectroscopy: A cross-validation with in vitro measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1143-1150. | 1.9 | 78 |
| 96 | Nine Days of Intensive Exercise Training Improves Mitochondrial Function But Not Insulin Action in Adult Offspring of Mothers with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1137-E1141. | 1.8 | 38 |
| 97 | Effects of Insulin Sensitivity, Body Composition, and Fitness on Lipoprotein Particle Sizes and Concentrations Determined by Nuclear Magnetic Resonance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E713-E718. | 1.8 | 12 |
| 98 | Nonoxidative Free Fatty Acid Disposal Is Greater in Young Women than Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 541-547. | 1.8 | 44 |
| 99 | Mitochondrial oxidative capacity and coupling: effects of aging and exercise training. <i>FASEB Journal</i> , 2011, 25, . | 0.2 | 0 |
| 100 | Fish oil protects against diet-induced insulin resistance and modifies ceramide composition and mitochondrial physiology in skeletal muscle. <i>FASEB Journal</i> , 2011, 25, 1095.8. | 0.2 | 0 |
| 101 | Mitochondrial metabolic function assessed in vivo and in vitro. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 511-517. | 1.3 | 63 |
| 102 | Mitochondrial DNA alterations and reduced mitochondrial function in aging. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 451-462. | 2.2 | 75 |
| 103 | Protein and energy metabolism in type 1 diabetes. <i>Clinical Nutrition</i> , 2010, 29, 13-17. | 2.3 | 64 |
| 104 | Regulation of skeletal muscle mitochondrial function: genes to proteins. <i>Acta Physiologica</i> , 2010, 199, 529-547. | 1.8 | 63 |
| 105 | Effects of Adiposity and 30 Days of Caloric Restriction Upon Protein Metabolism in Moderately vs. Severely Obese Women. <i>Obesity</i> , 2010, 18, 1135-1142. | 1.5 | 14 |
| 106 | Identification of De Novo Synthesized and Relatively Older Proteins. <i>Diabetes</i> , 2010, 59, 2366-2374. | 0.3 | 42 |
| 107 | Age, Obesity, and Sex Effects on Insulin Sensitivity and Skeletal Muscle Mitochondrial Function. <i>Diabetes</i> , 2010, 59, 89-97. | 0.3 | 242 |
| 108 | Effects on Lipoprotein Particles of Long-Term Dehydroepiandrosterone in Elderly Men and Women and Testosterone in Elderly Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 1617-1625. | 1.8 | 19 |

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|-----|--|-----|-----------|
| 109 | The Effect of Branched Chain Amino Acids on Skeletal Muscle Mitochondrial Function in Young and Elderly Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 894-902. | 1.8 | 40 |
| 110 | Quantitative Metabolomics by ¹ H-NMR and LC-MS/MS Confirms Altered Metabolic Pathways in Diabetes. <i>PLoS ONE</i> , 2010, 5, e10538. | 1.1 | 218 |
| 111 | Bi-Linear Regression for ¹⁸ O Quantification: Modeling across the Elution Profile. <i>Journal of Proteomics and Bioinformatics</i> , 2010, 03, 314-320. | 0.4 | 4 |
| 112 | Caloric Restriction Attenuates Many Age-Related Changes in Skeletal Muscle Mitochondrial Physiology. <i>FASEB Journal</i> , 2010, 24, 621.1. | 0.2 | 0 |
| 113 | Reply to SN Thornton and K Hess. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1476-1477. | 2.2 | 1 |
| 114 | Potential Application of Essential Amino Acid Supplementation to Treat Sarcopenia in Elderly People. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1524-1526. | 1.8 | 18 |
| 115 | Effect of Dehydroepiandrosterone Replacement on Lipoprotein Profile in Hypoadrenal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 761-764. | 1.8 | 29 |
| 116 | Impact of Type 1 Diabetes and Insulin Treatment on Plasma Levels and Fractional Synthesis Rate of Retinol-Binding Protein 4. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 5125-5130. | 1.8 | 12 |
| 117 | Fatty Acid Metabolism in the Elderly: Effects of Dehydroepiandrosterone and Testosterone Replacement in Hormonally Deficient Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3414-3423. | 1.8 | 29 |
| 118 | Differential effects of insulin deprivation and systemic insulin treatment on plasma protein synthesis in type 1 diabetic people. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E889-E897. | 1.8 | 20 |
| 119 | Muscle mitochondrial changes with aging and exercise. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 467S-471S. | 2.2 | 123 |
| 120 | Higher muscle protein synthesis in women than men across the lifespan, and failure of androgen administration to amend age-related decrements. <i>FASEB Journal</i> , 2009, 23, 631-641. | 0.2 | 86 |
| 121 | Paradoxical Coupling of Triglyceride Synthesis and Fatty Acid Oxidation in Skeletal Muscle Overexpressing DGAT1. <i>Diabetes</i> , 2009, 58, 2516-2524. | 0.3 | 55 |
| 122 | Interdependence of Signal Processing and Analysis of Urine ¹ H NMR Spectra for Metabolic Profiling. <i>Analytical Chemistry</i> , 2009, 81, 6080-6088. | 3.2 | 48 |
| 123 | Chapter 20: Functional Assessment of Isolated Mitochondria In Vitro. <i>Methods in Enzymology</i> , 2009, 457, 349-372. | 0.4 | 196 |
| 124 | Effect of Testosterone on Insulin Stimulated IRS1 Ser Phosphorylation in Primary Rat Myotubes: A Potential Model for PCOS-Related Insulin Resistance. <i>PLoS ONE</i> , 2009, 4, e4274. | 1.1 | 56 |
| 125 | The Effect of High Glucocorticoid Administration and Food Restriction on Rodent Skeletal Muscle Mitochondrial Function and Protein Metabolism. <i>PLoS ONE</i> , 2009, 4, e5283. | 1.1 | 15 |
| 126 | Endurance Exercise as a Countermeasure for Aging. <i>Diabetes</i> , 2008, 57, 2933-2942. | 0.3 | 493 |

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|-----|--|-----|-----------|
| 127 | Dehydroepiandrosterone Replacement Therapy in Hypoadrenal Women: Protein Anabolism and Skeletal Muscle Function. <i>Mayo Clinic Proceedings</i> , 2008, 83, 1218-1225. | 1.4 | 14 |
| 128 | Frailty and Its Potential Relevance to Cardiovascular Care. <i>Mayo Clinic Proceedings</i> , 2008, 83, 1146-1153. | 1.4 | 94 |
| 129 | Changes in Body Composition in Women Following Treatment of Overt and Subclinical Hyperthyroidism. <i>Endocrine Practice</i> , 2008, 14, 973-978. | 1.1 | 39 |
| 130 | Effect of Oral Amino Acids on Counterregulatory Responses and Cognitive Function During Insulin-Induced Hypoglycemia in Nondiabetic and Type 1 Diabetic People. <i>Diabetes</i> , 2008, 57, 1905-1917. | 0.3 | 26 |
| 131 | Asian Indians Have Enhanced Skeletal Muscle Mitochondrial Capacity to Produce ATP in Association With Severe Insulin Resistance. <i>Diabetes</i> , 2008, 57, 1166-1175. | 0.3 | 163 |
| 132 | Enhancement of Muscle Mitochondrial Function by Growth Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 597-604. | 1.8 | 74 |
| 133 | In vivo measurement of synthesis rate of individual skeletal muscle mitochondrial proteins. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1255-E1268. | 1.8 | 69 |
| 134 | Functional impact of high protein intake on healthy elderly people. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E921-E928. | 1.8 | 104 |
| 135 | Diabetes and Protein Metabolism. <i>Diabetes</i> , 2008, 57, 3-4. | 0.3 | 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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3066-3074. | 1.8 | 48 |
| 137 | Lack of Dehydroepiandrosterone Effect on a Combined Endurance and Resistance Exercise Program in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 534-538. | 1.8 | 58 |
| 138 | Skeletal muscle protein synthesis in the elderly: Age, gender, and androgen supplementation. <i>FASEB Journal</i> , 2008, 22, 305.3. | 0.2 | 0 |
| 139 | The Impact of Long-Term Physical Activity on Age-Related Changes in Protein and Gene Expression. <i>FASEB Journal</i> , 2008, 22, 1163.21. | 0.2 | 0 |
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