

Deborah M Muoio

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

16,354
citations

18482

62
h-index

17592

121
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all docs

128
docs citations

128
times ranked

21318
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotinamide riboside supplementation confers marginal metabolic benefits in obese mice without remodeling the muscle acetyl-proteome. <i>IScience</i> , 2022, 25, 103635.	4.1	11
2	Disruption of STIM1-mediated Ca ²⁺ sensing and energy metabolism in adult skeletal muscle compromises exercise tolerance, proteostasis, and lean mass. <i>Molecular Metabolism</i> , 2022, 57, 101429.	6.5	6
3	Proteomics and phosphoproteomics datasets of a muscle-specific STIM1 loss-of-function mouse model. <i>Data in Brief</i> , 2022, 42, 108051.	1.0	3
4	Rheumatoid arthritis T cell and muscle oxidative metabolism associate with exercise-induced changes in cardiorespiratory fitness. <i>Scientific Reports</i> , 2022, 12, 7450.	3.3	9
5	Mitochondrial lysine acylation and cardiometabolic stress: Truth or consequence?. <i>Current Opinion in Physiology</i> , 2022, , 100551.	1.8	1
6	Myocardial Lipin 1 knockout in mice approximates cardiac effects of human LPIN1 mutations. <i>JCI Insight</i> , 2021, 6, .	5.0	12
7	Desmin interacts with STIM1 and coordinates Ca ²⁺ signaling in skeletal muscle. <i>JCI Insight</i> , 2021, 6, .	5.0	12
8	Disruption of Acetyl-Lysine Turnover in Muscle Mitochondria Promotes Insulin Resistance and Redox Stress without Overt Respiratory Dysfunction. <i>Cell Metabolism</i> , 2020, 31, 131-147.e11.	16.2	41
9	Extreme Acetylation of the Cardiac Mitochondrial Proteome Does Not Promote Heart Failure. <i>Circulation Research</i> , 2020, 127, 1094-1108.	4.5	54
10	Muscle-Liver Trafficking of BCAA-Derived Nitrogen Underlies Obesity-Related Glycine Depletion. <i>Cell Reports</i> , 2020, 33, 108375.	6.4	49
11	Nutritional modulation of heart failure in mitochondrial pyruvate carrier-deficient mice. <i>Nature Metabolism</i> , 2020, 2, 1232-1247.	11.9	74
12	Rejuvenation of Neutrophil Functions in Association With Reduced Diabetes Risk Following Ten Weeks of Low-Volume High Intensity Interval Walking in Older Adults With Prediabetes – A Pilot Study. <i>Frontiers in Immunology</i> , 2020, 11, 729.	4.8	23
13	Macrophage Metabolism of Apoptotic Cell-Derived Arginine Promotes Continual Efferocytosis and Resolution of Injury. <i>Cell Metabolism</i> , 2020, 31, 518-533.e10.	16.2	235
14	Carnitine supplementation improves metabolic flexibility and skeletal muscle acetylcarnitine formation in volunteers with impaired glucose tolerance: A randomised controlled trial. <i>EBioMedicine</i> , 2019, 49, 318-330.	6.1	48
15	Increased ketone body oxidation provides additional energy for the failing heart without improving cardiac efficiency. <i>Cardiovascular Research</i> , 2019, 115, 1606-1616.	3.8	114
16	Respiratory Phenomics across Multiple Models of Protein Hyperacylation in Cardiac Mitochondria Reveals a Marginal Impact on Bioenergetics. <i>Cell Reports</i> , 2019, 26, 1557-1572.e8.	6.4	39
17	Systematic Dissection of the Metabolic-Apoptotic Interface in AML Reveals Heme Biosynthesis to Be a Regulator of Drug Sensitivity. <i>Cell Metabolism</i> , 2019, 29, 1217-1231.e7.	16.2	75
18	Electrical stimulation increases hypertrophy and metabolic flux in tissue-engineered human skeletal muscle. <i>Biomaterials</i> , 2019, 198, 259-269.	11.4	121

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19	Creation of versatile cloning platforms for transgene expression and dCas9-based epigenome editing. <i>Nucleic Acids Research</i> , 2019, 47, e23-e23.	14.5	27
20	The failing heart utilizes 3-hydroxybutyrate as a metabolic stress defense. <i>JCI Insight</i> , 2019, 4, .	5.0	218
21	Abstract P284: The Chemotherapeutic Agent Docetaxel Disrupts Mitochondrial Energetics in 3D Human Bioengineered Myobundles. <i>Circulation</i> , 2019, 139, .	1.6	0
22	Mitochondrial Diagnostics: A Multiplexed Assay Platform for Comprehensive Assessment of Mitochondrial Energy Fluxes. <i>Cell Reports</i> , 2018, 24, 3593-3606.e10.	6.4	87
23	Propionate-induced changes in cardiac metabolism, notably CoA trapping, are not altered by carnitine. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E622-E633.	3.5	36
24	Physiological mechanisms of sustained fumagillin-induced weight loss. <i>JCI Insight</i> , 2018, 3, .	5.0	8
25	Molecular alterations in skeletal muscle in rheumatoid arthritis are related to disease activity, physical inactivity, and disability. <i>Arthritis Research and Therapy</i> , 2017, 19, 12.	3.5	63
26	HDAC3 sets the timer on muscle fuel switching. <i>Nature Medicine</i> , 2017, 23, 148-150.	30.7	1
27	Bicarbonate alters cellular responses in respiration assays. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 399-403.	2.1	11
28	SIRT4 Is a Lysine Deacylase that Controls Leucine Metabolism and Insulin Secretion. <i>Cell Metabolism</i> , 2017, 25, 838-855.e15.	16.2	259
29	Metabolomic analysis of insulin resistance across different mouse strains and diets. <i>Journal of Biological Chemistry</i> , 2017, 292, 19135-19145.	3.4	36
30	Comprehensive metabolic modeling of multiple ¹³ C-isotopomer data sets to study metabolism in perfused working hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H881-H891.	3.2	20
31	Plasma acylcarnitines during insulin stimulation in humans are reflective of age-related metabolic dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 868-874.	2.1	16
32	The Failing Heart Relies on Ketone Bodies as a Fuel. <i>Circulation</i> , 2016, 133, 698-705.	1.6	506
33	The Acetyl Group Buffering Action of Carnitine Acetyltransferase Offsets Macronutrient-Induced Lysine Acetylation of Mitochondrial Proteins. <i>Cell Reports</i> , 2016, 14, 243-254.	6.4	77
34	Mitochondrial protein hyperacetylation in the failing heart. <i>JCI Insight</i> , 2016, 1, .	5.0	133
35	ACLY and ACC1 Regulate Hypoxia-Induced Apoptosis by Modulating ETV4 via α -ketoglutarate. <i>PLoS Genetics</i> , 2015, 11, e1005599.	3.5	36
36	Understanding the Cellular and Molecular Mechanisms of Physical Activity-Induced Health Benefits. <i>Cell Metabolism</i> , 2015, 22, 4-11.	16.2	345

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37	Carnitine Acetyltransferase Mitigates Metabolic Inertia and Muscle Fatigue during Exercise. <i>Cell Metabolism</i> , 2015, 22, 65-76.	16.2	78
38	Metabolomic analysis reveals altered skeletal muscle amino acid and fatty acid handling in obese humans. <i>Obesity</i> , 2015, 23, 981-988.	3.0	53
39	Pyruvate dehydrogenase complex and nicotinamide nucleotide transhydrogenase constitute an energy-consuming redox circuit. <i>Biochemical Journal</i> , 2015, 467, 271-280.	3.7	103
40	SIRT3 Directs Carbon Traffic in Muscle to Promote Glucose Control. <i>Diabetes</i> , 2015, 64, 3058-3060.	0.6	8
41	Increased palmitate intake: higher acylcarnitine concentrations without impaired progression of β^2 -oxidation. <i>Journal of Lipid Research</i> , 2015, 56, 1795-1807.	4.2	4
42	Harnessing the Power of Integrated Mitochondrial Biology and Physiology. <i>Circulation Research</i> , 2015, 117, 234-238.	4.5	9
43	Metabolic Catastrophe in Mice Lacking Transferrin Receptor in Muscle. <i>EBioMedicine</i> , 2015, 2, 1705-1717.	6.1	62
44	Muscle-Specific Overexpression of PGC-1 β Does Not Augment Metabolic Improvements in Response to Exercise and Caloric Restriction. <i>Diabetes</i> , 2015, 64, 1532-1543.	0.6	40
45	Compartmentalized Acyl-CoA Metabolism in Skeletal Muscle Regulates Systemic Glucose Homeostasis. <i>Diabetes</i> , 2015, 64, 23-35.	0.6	97
46	Metabolomic Quantitative Trait Loci (mQTL) Mapping Implicates the Ubiquitin Proteasome System in Cardiovascular Disease Pathogenesis. <i>PLoS Genetics</i> , 2015, 11, e1005553.	3.5	81
47	Metabolic Inflexibility: When Mitochondrial Indecision Leads to Metabolic Gridlock. <i>Cell</i> , 2014, 159, 1253-1262.	28.9	291
48	A Role for Peroxisome Proliferator-Activated Receptor β 3 Coactivator-1 in the Control of Mitochondrial Dynamics During Postnatal Cardiac Growth. <i>Circulation Research</i> , 2014, 114, 626-636.	4.5	182
49	Treatment with the 3-Ketoacyl-CoA Thiolase Inhibitor Trimetazidine Does Not Exacerbate Whole-Body Insulin Resistance in Obese Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 349, 487-496.	2.5	17
50	The good in fat. <i>Nature</i> , 2014, 516, 49-50.	27.8	12
51	Energy Metabolic Reprogramming in the Hypertrophied and Early Stage Failing Heart. <i>Circulation: Heart Failure</i> , 2014, 7, 1022-1031.	3.9	233
52	Metabolite signatures of exercise training in human skeletal muscle relate to mitochondrial remodelling and cardiometabolic fitness. <i>Diabetologia</i> , 2014, 57, 2282-2295.	6.3	121
53	Targeted Metabolomics Connects Thioredoxin-interacting Protein (TXNIP) to Mitochondrial Fuel Selection and Regulation of Specific Oxidoreductase Enzymes in Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2014, 289, 8106-8120.	3.4	55
54	Dietary intake of palmitate and oleate has broad impact on systemic and tissue lipid profiles in humans. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 436-445.	4.7	77

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55	Downregulation of Carnitine Acyl-Carnitine Translocase by miRNAs 132 and 212 Amplifies Glucose-Stimulated Insulin Secretion. <i>Diabetes</i> , 2014, 63, 3805-3814.	0.6	45
56	Obesity and lipid stress inhibit carnitine acetyltransferase activity. <i>Journal of Lipid Research</i> , 2014, 55, 635-644.	4.2	80
57	Longâ€echo time MR spectroscopy for skeletal muscle acetylcarnitine detection. <i>Journal of Clinical Investigation</i> , 2014, 124, 4915-4925.	8.2	54
58	PPARÎ³ coactivator-1Î± contributes to exercise-induced regulation of intramuscular lipid droplet programming in mice and humans. <i>Journal of Lipid Research</i> , 2013, 54, 522-534.	4.2	89
59	Highlights of the 2012 Research Workshop. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013, 37, 190-200.	2.6	11
60	Glycerol-3-phosphate Acyltransferase (GPAT)-1, but Not GPAT4, Incorporates Newly Synthesized Fatty Acids into Triacylglycerol and Diminishes Fatty Acid Oxidation. <i>Journal of Biological Chemistry</i> , 2013, 288, 27299-27306.	3.4	72
61	Ectopic lipid deposition and the metabolic profile of skeletal muscle in ovariectomized mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R206-R217.	1.8	27
62	Genome-wide Chromatin State Transitions Associated with Developmental and Environmental Cues. <i>Cell</i> , 2013, 152, 642-654.	28.9	473
63	SIRT4 Coordinates the Balance between Lipid Synthesis and Catabolism by Repressing Malonyl CoA Decarboxylase. <i>Molecular Cell</i> , 2013, 50, 686-698.	9.7	315
64	A Lipidomics Analysis of the Relationship Between Dietary Fatty Acid Composition and Insulin Sensitivity in Young Adults. <i>Diabetes</i> , 2013, 62, 1054-1063.	0.6	107
65	Substituting dietary monounsaturated fat for saturated fat is associated with increased daily physical activity and resting energy expenditure and with changes in mood. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 689-697.	4.7	61
66	Substituting dietary monounsaturated fat for saturated fat is associated with increased daily physical activity and resting energy expenditure and with changes in mood. <i>FASEB Journal</i> , 2013, 27, 1068.1.	0.5	0
67	Distinct roles of specific fatty acids in cellular processes: implications for interpreting and reporting experiments. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1-E3.	3.5	46
68	Identification of a novel malonyl-CoA IC50 for CPT-I: implications for predicting <i>in vivo</i> fatty acid oxidation rates. <i>Biochemical Journal</i> , 2012, 448, 13-20.	3.7	36
69	Muscle-Specific Deletion of Carnitine Acetyltransferase Compromises Glucose Tolerance and Metabolic Flexibility. <i>Cell Metabolism</i> , 2012, 15, 764-777.	16.2	307
70	Lipid-Induced Mitochondrial Stress and Insulin Action in Muscle. <i>Cell Metabolism</i> , 2012, 15, 595-605.	16.2	294
71	Revisiting the connection between intramyocellular lipids and insulin resistance: a long and winding road. <i>Diabetologia</i> , 2012, 55, 2551-2554.	6.3	38
72	Mitochondrial stress and metabolic dysfunction in skeletal muscle. <i>FASEB Journal</i> , 2012, 26, 221.2.	0.5	0

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73	Caloric restriction, aerobic exercise or a combination improves metabolic profiles following diet-induced obesity. <i>FASEB Journal</i> , 2012, 26, 1142-19.	0.5	0
74	Short-Term Effects of Dietary Fatty Acids on Muscle Lipid Composition and Serum Acylcarnitine Profile in Human Subjects. <i>Obesity</i> , 2011, 19, 305-311.	3.0	54
75	A High-Fat Diet Elicits Differential Responses in Genes Coordinating Oxidative Metabolism in Skeletal Muscle of Lean and Obese Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 775-781.	3.6	62
76	Mouse Cardiac Acyl Coenzyme A Synthetase 1 Deficiency Impairs Fatty Acid Oxidation and Induces Cardiac Hypertrophy. <i>Molecular and Cellular Biology</i> , 2011, 31, 1252-1262.	2.3	156
77	Metabolic Remodeling of Human Skeletal Myocytes by Cocultured Adipocytes Depends on the Lipolytic State of the System. <i>Diabetes</i> , 2011, 60, 1882-1893.	0.6	40
78	Re-patterning of Skeletal Muscle Energy Metabolism by Fat Storage-inducing Transmembrane Protein 2. <i>Journal of Biological Chemistry</i> , 2011, 286, 42188-42199.	3.4	28
79	Metabolism and Vascular Fatty Acid Transport. <i>New England Journal of Medicine</i> , 2010, 363, 291-293.	27.0	11
80	Peroxisome Proliferator-Activated Receptor- β Coactivator-1 α Overexpression Increases Lipid Oxidation in Myocytes From Extremely Obese Individuals. <i>Diabetes</i> , 2010, 59, 1407-1415.	0.6	55
81	Inhibition of De Novo Ceramide Synthesis Reverses Diet-Induced Insulin Resistance and Enhances Whole-Body Oxygen Consumption. <i>Diabetes</i> , 2010, 59, 2453-2464.	0.6	296
82	Alterations in Skeletal Muscle Fatty Acid Handling Predisposes Middle-Aged Mice to Diet-Induced Insulin Resistance. <i>Diabetes</i> , 2010, 59, 1366-1375.	0.6	60
83	Metabolic profiling of muscle contraction in lean compared with obese rodents. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R926-R934.	1.8	18
84	Lipid Partitioning, Incomplete Fatty Acid Oxidation, and Insulin Signal Transduction in Primary Human Muscle Cells: Effects of Severe Obesity, Fatty Acid Incubation, and Fatty Acid Translocase/CD36 Overexpression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3400-3410.	3.6	71
85	Intramuscular triacylglycerol and insulin resistance: Guilty as charged or wrongly accused?. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 281-288.	2.4	125
86	Adipose Acyl-CoA Synthetase-1 Directs Fatty Acids toward β -Oxidation and Is Required for Cold Thermogenesis. <i>Cell Metabolism</i> , 2010, 12, 53-64.	16.2	277
87	Lactic Acidosis Triggers Starvation Response with Paradoxical Induction of TXNIP through MondoA. <i>PLoS Genetics</i> , 2010, 6, e1001093.	3.5	110
88	The STEDMAN Project: Biophysical, Biochemical and Metabolic Effects of a Behavioral Weight Loss Intervention during Weight Loss, Maintenance, and Regain. <i>OMICS A Journal of Integrative Biology</i> , 2009, 13, 21-35.	2.0	81
89	Insulin-Stimulated Cardiac Glucose Oxidation Is Increased in High-Fat Diet-Induced Obese Mice Lacking Malonyl CoA Decarboxylase. <i>Diabetes</i> , 2009, 58, 1766-1775.	0.6	116
90	Metabolomics Applied to Diabetes Research. <i>Diabetes</i> , 2009, 58, 2429-2443.	0.6	346

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91	Metabolic profiling of PPAR α mice reveals defects in carnitine and amino acid homeostasis that are partially reversed by oral carnitine supplementation. <i>FASEB Journal</i> , 2009, 23, 586-604.	0.5	101
92	Increased Insulin Sensitivity in Mice Lacking Collectrin, a Downstream Target of HNF-1 α . <i>Molecular Endocrinology</i> , 2009, 23, 881-892.	3.7	24
93	Liver-specific Loss of Long Chain Acyl-CoA Synthetase-1 Decreases Triacylglycerol Synthesis and β -Oxidation and Alters Phospholipid Fatty Acid Composition. <i>Journal of Biological Chemistry</i> , 2009, 284, 27816-27826.	3.4	188
94	Carnitine Insufficiency Caused by Aging and Overnutrition Compromises Mitochondrial Performance and Metabolic Control. <i>Journal of Biological Chemistry</i> , 2009, 284, 22840-22852.	3.4	271
95	Molecular and metabolic mechanisms of insulin resistance and β -cell failure in type 2 diabetes. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 193-205.	37.0	1,006
96	Mitochondrial Overload and Incomplete Fatty Acid Oxidation Contribute to Skeletal Muscle Insulin Resistance. <i>Cell Metabolism</i> , 2008, 7, 45-56.	16.2	1,618
97	Fatty Acid Oxidation and Insulin Action. <i>Diabetes</i> , 2008, 57, 1455-1456.	0.6	62
98	Glucose sensing by MondoA:MLx complexes: A role for hexokinases and direct regulation of thioredoxin-interacting protein expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6912-6917.	7.1	238
99	Fatty acid transporter expression in human myocytes. <i>FASEB Journal</i> , 2008, 22, 936.12.	0.5	0
100	Metabolic Mechanisms of Muscle Insulin Resistance. , 2008, , 35-47.		1
101	Contraction of insulin-resistant muscle normalizes insulin action in association with increased mitochondrial activity and fatty acid catabolism. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C729-C739.	4.6	77
102	TXNIP Links Redox Circuitry to Glucose Control. <i>Cell Metabolism</i> , 2007, 5, 412-414.	16.2	67
103	Skeletal muscle adaptation to fatty acid depends on coordinated actions of the PPARs and PGC1 α : implications for metabolic disease. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 874-883.	1.9	103
104	Carnitine revisited: potential use as adjunctive treatment in diabetes. <i>Diabetologia</i> , 2007, 50, 824-832.	6.3	99
105	Lipid-Induced Metabolic Dysfunction in Skeletal Muscle. <i>Novartis Foundation Symposium</i> , 2007, 286, 24-46.	1.1	43
106	Regulation of FAT/CD36 expression in human skeletal muscle. <i>FASEB Journal</i> , 2007, 21, A1302.	0.5	1
107	Receptor-Selective Coactivators as Tools to Define the Biology of Specific Receptor-Coactivator Pairs. <i>Molecular Cell</i> , 2006, 24, 797-803.	9.7	65
108	Obesity-Related Derangements in Metabolic Regulation. <i>Annual Review of Biochemistry</i> , 2006, 75, 367-401.	11.1	314

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109	Glucose Uptake in Muscle Cell Cultures from Endurance-Trained Men. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 579-584.	0.4	8
110	A is for adipokine. <i>Nature</i> , 2005, 436, 337-338.	27.8	75
111	Subsarcolemmal and intermyofibrillar mitochondria play distinct roles in regulating skeletal muscle fatty acid metabolism. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C1074-C1082.	4.6	135
112	Peroxisome Proliferator-activated Receptor- β Co-activator 1 α -mediated Metabolic Remodeling of Skeletal Myocytes Mimics Exercise Training and Reverses Lipid-induced Mitochondrial Inefficiency. <i>Journal of Biological Chemistry</i> , 2005, 280, 33588-33598.	3.4	416
113	Mitochondrial Glycerol-3-phosphate Acyltransferase-1 Is Essential in Liver for the Metabolism of Excess Acyl-CoAs. <i>Journal of Biological Chemistry</i> , 2005, 280, 25629-25636.	3.4	91
114	Elevated stearoyl-CoA desaturase-1 expression in skeletal muscle contributes to abnormal fatty acid partitioning in obese humans. <i>Cell Metabolism</i> , 2005, 2, 251-261.	16.2	326
115	Hepatic expression of malonyl-CoA decarboxylase reverses muscle, liver and whole-animal insulin resistance. <i>Nature Medicine</i> , 2004, 10, 268-274.	30.7	414
116	BIOMEDICINE: Insulin Resistance Takes a Trip Through the ER. <i>Science</i> , 2004, 306, 425-426.	12.6	39
117	Peroxisome Proliferator-Activated Receptor- α Regulates Fatty Acid Utilization in Primary Human Skeletal Muscle Cells. <i>Diabetes</i> , 2002, 51, 901-909.	0.6	208
118	Fatty Acid Homeostasis and Induction of Lipid Regulatory Genes in Skeletal Muscles of Peroxisome Proliferator-activated Receptor (PPAR) α Knock-out Mice. <i>Journal of Biological Chemistry</i> , 2002, 277, 26089-26097.	3.4	360
119	Peripheral metabolic actions of leptin. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2002, 16, 653-666.	4.7	147
120	Evidence of a malonyl-CoA-insensitive carnitine palmitoyltransferase I activity in red skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E1014-E1022.	3.5	65
121	Acyl-CoAs are functionally channeled in liver: potential role of acyl-CoA synthetase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E1366-E1373.	3.5	44
122	Energy Metabolism in Uncoupling Protein 3 Gene Knockout Mice. <i>Journal of Biological Chemistry</i> , 2000, 275, 16258-16266.	3.4	592
123	Physiological and Nutritional Regulation of Enzymes of Triacylglycerol Synthesis. <i>Annual Review of Nutrition</i> , 2000, 20, 77-103.	10.1	293
124	Leptin opposes insulin's effects on fatty acid partitioning in muscles isolated from obese <i>ob/ob</i> mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 276, E913-E921.	3.5	73
125	AMP-activated kinase reciprocally regulates triacylglycerol synthesis and fatty acid oxidation in liver and muscle: evidence that sn-glycerol-3-phosphate acyltransferase is a novel target. <i>Biochemical Journal</i> , 1999, 338, 783.	3.7	96
126	AMP-activated kinase reciprocally regulates triacylglycerol synthesis and fatty acid oxidation in liver and muscle: evidence that sn-glycerol-3-phosphate acyltransferase is a novel target. <i>Biochemical Journal</i> , 1999, 338, 783-791.	3.7	365

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127	Skeletal muscle lipid metabolism: A frontier for new insights into fuel homeostasis. Journal of Nutritional Biochemistry, 1997, 8, 228-245.	4.2	37