Melanie G Cree

List of Publications by Year
in descending order

152 papers	5,049 citations	116194 36 h-index	116156 66 g-index
153 all docs	153 docs citations	153 times ranked	6538 citing authors

#	Article	IF	Citations
1	Singleâ€leg exercise training augments in vivo skeletal muscle oxidative flux and vascular content and function in adults with type 2 diabetes. Journal of Physiology, 2022, 600, 963-978.	1.3	9
2	11-Oxyandrogens in Adolescents With Polycystic Ovary Syndrome. Journal of the Endocrine Society, 2022, 6, .	0.1	12
3	Pancreatic fat relates to fasting insulin and postprandial lipids but not polycystic ovary syndrome in adolescents with obesity. Obesity, 2022, 30, 191-200.	1.5	2
4	The Interaction of Obesity and Reproductive Function in Adolescents. Seminars in Reproductive Medicine, 2022, , .	0.5	3
5	Twelve-month Continuation of the Etonogestrel Implant in Adolescents With Polycystic Ovary Syndrome. Journal of Pediatric and Adolescent Gynecology, 2021, 34, 33-39.	0.3	7
6	Results from the Effects of <scp>ME</scp>tformin on cardiovascula<scp>R</scp> function in <scp>A</scp>do<scp>L</scp>escents with type 1 Diabetes (<scp>EMERALD</scp>) study: A brief report of kidney and inflammatory outcomes. Diabetes, Obesity and Metabolism, 2021, 23, 844-849.	2.2	2
7	Application of a Standard Cross-Specialty Workup for Diagnosis and Metabolic Screening of Obese Adolescents With Polycystic Ovary Syndrome. Journal of Adolescent Health, 2021, 68, 589-595.	1.2	4
8	Delayed glucose peak and elevated 1-hour glucose on the oral glucose tolerance test identify youth with cystic fibrosis with lower oral disposition index. Journal of Cystic Fibrosis, 2021, 20, 339-345.	0.3	16
9	Impact of Obesity on Measures of Cardiovascular and Kidney Health in Youth With Type 1 Diabetes as Compared With Youth With Type 2 Diabetes. Diabetes Care, 2021, 44, 795-803.	4.3	11
10	Lean NAFLD: an underrecognized and challenging disorder in medicine. Reviews in Endocrine and Metabolic Disorders, 2021, 22, 351-366.	2.6	40
11	Racial and Ethnic Differences in Metabolic Disease in Adolescents With Obesity and Polycystic Ovary Syndrome. Journal of the Endocrine Society, 2021, 5, bvab008.	0.1	10
12	Fasting plasma metabolomic profiles are altered by three days of standardized diet and restricted physical activity. Metabolism Open, 2021, 9, 100085.	1.4	0
13	Oral minimal model-based estimates of insulin sensitivity in obese youth depend on oral glucose tolerance test protocol duration. Metabolism Open, 2021, 9, 100078.	1.4	8
14	Precision and accuracy of hyperglycemic clamps in a multicenter study. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E797-E807.	1.8	4
15	Development of type 2 diabetes in adolescent girls with polycystic ovary syndrome and obesity. Pediatric Diabetes, 2021, 22, 699-706.	1.2	21
16	Liver Fat Reduction After Gastric Banding and Associations with Changes in Insulin Sensitivity and Î²â€Cell Function. Obesity, 2021, 29, 1155-1163.	1.5	2
17	Combined Oral Contraceptive Treatment Does Not Alter the Gut Microbiome or Serum Metabolomic Profile in Obese Girls with Polycystic Ovary Syndrome. Journal of the Endocrine Society, 2021, 5, A711-A712.	0.1	0
18	11-oxyandrogen Concentrations in Adolescents With Polycystic Ovary Syndrome (PCOS). Journal of the Endocrine Society, 2021, 5, A736-A737.	0.1	0

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19	Short Term Glucagonâ€Like Peptideâ€1 Receptor Agonist Therapy Does Not Influence Hepatic De Novo Lipogenesis in Polycystic Ovary Syndrome. FASEB Journal, 2021, 35, .	0.2	0
20	Weight Management in Adolescents with Polycystic Ovary Syndrome. Current Obesity Reports, 2021, 10, 311-321.	3.5	6
21	Differential loss of Î²-cell function in youth vs. adults following treatment withdrawal in the Restoring Insulin Secretion (RISE) study. Diabetes Research and Clinical Practice, 2021, 178, 108948.	1.1	15
22	In-vivo skeletal muscle mitochondrial function in Klinefelter syndrome. Journal of Investigative Medicine, 2021, , jim-2021-001966.	0.7	1
23	Care for Adolescents With Polycystic Ovary Syndrome: Development and Prescribing Patterns of a Multidisciplinary Clinic. Journal of Pediatric and Adolescent Gynecology, 2021, 34, 617-625.	0.3	17
24	Hepatic steatosis relates to gastrointestinal microbiota changes in obese girls with polycystic ovary syndrome. PLoS ONE, 2021, 16, e0245219.	1.1	14
25	Sleep & Circadian Health are Associated with Mood & Behavior in Adolescents with Overweight/Obesity. Behavioral Sleep Medicine, 2020, 18, 550-559.	1.1	10
26	Editoral commentary: Understanding cardiovascular disease risk in women with polycystic ovary syndrome. Trends in Cardiovascular Medicine, 2020, 30, 405-406.	2.3	1
27	Poor Sleep Is Related to Metabolic Syndrome Severity in Adolescents With PCOS and Obesity. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1827-e1834.	1.8	25
28	Incidence of Hypertension Among Children Treated With Adrenocorticotropic Hormone (ACTH) or Prednisolone for Infantile Spasms. Journal of Child Neurology, 2020, 35, 215-220.	0.7	7
29	Peer Mentoring for Professional and Personal Growth in Academic Medicine. Journal of Investigative Medicine, 2020, 68, 1128-1134.	0.7	33
30	Î²â€cells in youth with impaired glucose tolerance or early type 2 diabetes secrete more insulin and are more responsive than in adults. Pediatric Diabetes, 2020, 21, 1421-1429.	1.2	13
31	4126 Intermuscular adipose tissue secretes pro-inflammatory, extracellular matrix, and lipid signals related to insulin resistance and type 2 diabetes. Journal of Clinical and Translational Science, 2020, 4, 9-9.	0.3	0
32	Polycystic ovary syndrome support groups and their role in awareness, advocacy and peer support: A systematic search and narrative review. Current Opinion in Endocrine and Metabolic Research, 2020, 12, 98-104.	0.6	13
33	Good agreement between hyperinsulinemicâ€euglycemic clamp and 2 hours oral minimal model assessed insulin sensitivity in adolescents. Pediatric Diabetes, 2020, 21, 1159-1168.	1.2	4
34	Diminished Ovarian Reserve in Girls and Adolescents with Trisomy X Syndrome. Reproductive Sciences, 2020, 27, 1985-1991.	1.1	6
35	Depression in Girls With Obesity and Polycystic Ovary Syndrome and/or Type 2 Diabetes. Canadian Journal of Diabetes, 2020, 44, 507-513.	0.4	11
36	A Structured Neonatal Parenting Elective: An Approach for Parenting Leave During Residency. Academic Pediatrics, 2020, 20, 595-599.	1.0	6

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37	Obese Adolescents With PCOS Have Altered Biodiversity and Relative Abundance in Gastrointestinal Microbiota. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2134-e2144.	1.8	83
38	Advances in Stable Isotope Tracer Methodology Part 1: Hepatic Metabolism via Isotopomer Analysis and Postprandial Lipolysis Modeling. Journal of Investigative Medicine, 2020, 68, 3-10.	0.7	5
39	SAT-627 Racial and Ethnic Differences in Metabolic Disease in Obese Adolescents with Polycystic Ovary Syndrome. Journal of the Endocrine Society, 2020, 4, .	0.1	0
40	1792-P: Measures of ÃŸ-Cell Function from Two-Step Hyperglycemic Clamps: Relation to Glycemia. Diabetes, 2020, 69, .	0.3	0
41	1746-P: Obese Youth with Type 1 Diabetes (T1D) Have Worse Hepatic Insulin Resistance (IR) Than Youth with Type 2 Diabetes (T2D). Diabetes, 2020, 69, 1746-P.	0.3	0
42	1261-P: OGTT Modelâ€“Derived ÃŸ-Cell Function Reveals Differential Loss in Youth vs. Adults during and following Treatment Withdrawal in the Restoring Insulin Secretion (RISE) Study. Diabetes, 2020, 69, 1261-P.	0.3	0
43	1794-P: Successful Standardization of a Hyperglycemic Clamp Method across Multiple Clinical Centers in the Restoring Insulin Secretion (RISE) Study. Diabetes, 2020, 69, 1794-P.	0.3	0
44	1620-P: Metabolites Associated with Insulin Resistance in Women with and without Type 1 Diabetes. Diabetes, 2020, 69, 1620-P.	0.3	0
45	Clinical prediction score of nonalcoholic fatty liver disease in adolescent girls with polycystic ovary syndrome (PCOSâ€HS index). Clinical Endocrinology, 2019, 91, 544-552.	1.2	24
46	Morning Circadian Misalignment Is Associated With Insulin Resistance in Girls With Obesity and Polycystic Ovarian Syndrome. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3525-3534.	1.8	56
47	Muscle Insulin Resistance in Youth with Obesity and Normoglycemia is Associated with Altered Fat Metabolism. Obesity, 2019, 27, 2046-2054.	1.5	3
48	The association of sleep disturbances with glycemia and obesity in youth at risk for or with recently diagnosed type 2 diabetes. Pediatric Diabetes, 2019, 20, 1056-1063.	1.2	10
49	Nonalcoholic fatty liver disease in obese adolescent females is associated with multi-tissue insulin resistance and visceral adiposity markers. Metabolism Open, 2019, 2, 100011.	1.4	9
50	Metformin Improves Peripheral Insulin Sensitivity in Youth With Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3265-3278.	1.8	66
51	Association of Habitual Daily Physical Activity With Glucose Tolerance and Î²-Cell Function in Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes From the Restoring Insulin Secretion (RISE) Study. Diabetes Care, 2019, 42, 1521-1529.	4.3	9
52	Lack of Durable Improvements in Î²-Cell Function Following Withdrawal of Pharmacological Interventions in Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. Diabetes Care, 2019, 42, 1742-1751.	4.3	56
53	Sitagliptin improves diastolic cardiac function but not cardiorespiratory fitness in adults with type 2 diabetes. Journal of Diabetes and Its Complications, 2019, 33, 561-566.	1.2	8
54	Serum uromodulin inversely associates with aortic stiffness in youth with type 1 diabetes: A brief report from EMERALD study. Journal of Diabetes and Its Complications, 2019, 33, 434-436.	1.2	5

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55	Use of Successive Pharmacologic Hormone Suppression Testing for a Severe Presentation of Adolescent Polycystic Ovarian Syndrome: A Case Report. Journal of Investigative Medicine High Impact Case Reports, 2019, 7, 232470961985021.	0.3	0
56	Association of Self-Reported Sleep and Circadian Measures With Glycemia in Adults With Prediabetes or Recently Diagnosed Untreated Type 2 Diabetes. Diabetes Care, 2019, 42, 1326-1332.	4.3	47
57	A simple method to monitor hepatic gluconeogenesis and triglyceride synthesis following oral sugar tolerance test in obese adolescents. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R134-R142.	0.9	12
58	Amino acid and fatty acid metabolomic profile during fasting and hyperinsulinemia in girls with polycystic ovarian syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E707-E718.	1.8	17
59	Obesity and Insulin Resistance, Not Polycystic Ovary Syndrome, Are Independent Predictors of Bone Mineral Density in Adolescents and Young Women. Hormone Research in Paediatrics, 2019, 92, 365-371.	0.8	6
60	Youth with type 2 diabetes have hepatic, peripheral, and adipose insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E186-E195.	1.8	16
61	Postglucose Hyperinsulinemia in Black Women Is Not What We Thought. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 266-268.	1.8	1
62	Clinical workup of fatty liver for the primary care provider. Postgraduate Medicine, 2019, 131, 19-30.	0.9	4
63	Too Late and Not Enough: School Year Sleep Duration, Timing, and Circadian Misalignment Are Associated with Reduced Insulin Sensitivity in Adolescents with Overweight/Obesity. Journal of Pediatrics, 2019, 205, 257-264.e1.	0.9	32
64	124-OR: Comparison of OGTT Model-Derived Measures of ÃŸ-Cell Function between Youth and Adults. Diabetes, 2019, 68, 124-OR.	0.3	1
65	1342-P: Development of Type 2 Diabetes (T2D) in Obese Adolescent Girls with Polycystic Ovary Syndrome (PCOS). Diabetes, 2019, 68, 1342-P.	0.3	1
66	SAT-245 Estimated Insulin Sensitivity Score Predicts Post-OSTT Insulin Secretion and GI Hormone Differences in Adolescents with Obesity and PCOS. Journal of the Endocrine Society, 2019, 3, .	0.1	0
67	OR07-3 Validation of Surrogate Models to Assess Tissue and Whole-Body Insulin Resistance Among High-Risk Adolescent Girls. Journal of the Endocrine Society, 2019, 3, .	0.1	0
68	SUN-285 Autoimmune Brain Disease Associated with Severe Obesity and Progressive Hypothalamic and Pituitary Dysfunction. Journal of the Endocrine Society, 2019, 3, .	0.1	0
69	1939-P: Intermuscular Adipose Tissue Has a Metabolically Adverse Secretome Compared with Visceral and Subcutaneous Depots. Diabetes, 2019, 68, 1939-P.	0.3	1
70	1501-P: Reproducibility of Glycemic Measures among Youth and Adults with Impaired Glucose Tolerance (IGT) or Recently Diagnosed Type 2 Diabetes (T2D) in the Restoring Insulin Secretion (RISE) Study. Diabetes, 2019, 68, .	0.3	0
71	1873-P: NAFLD and Insulin Resistance Is Associated with a Specific Signature in Membrane Phospholipid Metabolites in Adolescents with Polycystic Ovary Syndrome (PCOS). Diabetes, 2019, 68, .	0.3	0
72	1918-P: Carbohydrate and Fat Oxidation Fasting and in Response to a Hyperinsulinemic Clamp is Similar in Obese Youth Regardless of PCOS Status. Diabetes, 2019, 68, 1918-P.	0.3	0

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73	1826-P: Comparison of OGTT-Model Measures with the Hyperglycemic Clamp in Youth and Adults with IGT or Early Type 2 Diabetes (DM). Diabetes, 2019, 68, .	0.3	0
74	1347-P: Improvement in Peripheral Insulin Sensitivity (IS) with Metformin (MET) in Adolescents with Type 1 Diabetes (T1D) Is Not Mediated by Muscle Mitochondrial Change. Diabetes, 2019, 68, 1347-P.	0.3	0
75	1603-P: Fasting Metabolomic Profiles Are Altered by Three Days of Standardized Diet and Restricted Physical Activity. Diabetes, 2019, 68, 1603-P.	0.3	0
76	1559-P: Differential Effects of Type 1 (T1D) and Type 2 Diabetes (T2D) on the Growth Hormone (GH)-Insulin-Like Growth Factor (IGF) Axis in Youth. Diabetes, 2019, 68, 1559-P.	0.3	0
77	Supplemental Oxygen Improves In Vivo Mitochondrial Oxidative Phosphorylation Flux in Sedentary Obese Adults With Type 2 Diabetes. Diabetes, 2018, 67, 1369-1379.	0.3	22
78	Fructose and sugar: A major mediator of non-alcoholic fatty liver disease. Journal of Hepatology, 2018, 68, 1063-1075.	1.8	617
79	Skeletal muscle protein accretion rates and hindlimb growth are reduced in late gestation intrauterine growthâ€restricted fetal sheep. Journal of Physiology, 2018, 596, 67-82.	1.3	50
80	Achieving ADA/ISPAD clinical guideline goals is associated with higher insulin sensitivity and cardiopulmonary fitness in adolescents with type 1 diabetes: Results from RESistance to InSulin in Type 1 ANd Type 2 diabetes (RESISTANT) and Effects of MEtform. Pediatric Diabetes, 2018, 19, 436-442.	1.2	10
81	Quantification of Hepatic Anaplerotic Contribution to Gluconeogenesis and Triglyceride Synthesis in Youth with Polycistic Ovarian Syndrome. Canadian Journal of Diabetes, 2018, 42, S55.	0.4	0
82	Metformin Improves Insulin Sensitivity and Vascular Health in Youth With Type 1 Diabetes Mellitus. Circulation, 2018, 138, 2895-2907.	1.6	94
83	Impact of Gastric Banding Versus Metformin on Î²-Cell Function in Adults With Impaired Glucose Tolerance or Mild Type 2 Diabetes. Diabetes Care, 2018, 41, 2544-2551.	4.3	27
84	Using simple clinical measures to predict insulin resistance or hyperglycemia in girls with polycystic ovarian syndrome. Pediatric Diabetes, 2018, 19, 1370-1378.	1.2	9
85	Clinical Prediction Score to Identify Hepatic Steatosis in Adolescents with Polycystic Ovarian Syndrome. Canadian Journal of Diabetes, 2018, 42, S13-S14.	0.4	1
86	Identifying the Critical Gaps in Research on Sex Differences in Metabolism Across the Life Span. Endocrinology, 2018, 159, 9-19.	1.4	25
87	Metabolic Contrasts Between Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes: II. Observations Using the Oral Glucose Tolerance Test. Diabetes Care, 2018, 41, 1707-1716.	4.3	80
88	Impact of Insulin and Metformin Versus Metformin Alone on Î²-Cell Function in Youth With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. Diabetes Care, 2018, 41, 1717-1725.	4.3	112
89	Metabolic Contrasts Between Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes: I. Observations Using the Hyperglycemic Clamp. Diabetes Care, 2018, 41, 1696-1706.	4.3	127
90	Oral Glucose Tolerance Test Glucose Peak Time Is Most Predictive of Prediabetes and Hepatic Steatosis in Obese Girls. Journal of the Endocrine Society, 2018, 2, 547-562.	0.1	21

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91	Youth With Type 1 Diabetes Have Adipose, Hepatic, and Peripheral Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3647-3657.	1.8	38
92	Structural Identifiability Analysis of a Labeled Oral Minimal Model for Quantifying Hepatic Insulin Resistance. Association for Women in Mathematics Series, 2018, , 145-160.	0.1	1
93	Late Reactive Hypoglycemia (RHG) as a Common Early Sign of Glycemic Dysfunction in Obese Adolescent Girls. Diabetes, 2018, 67, .	0.3	1
94	Serum Uromodulin (SUMOD) Inversely Correlates with Aortic Stiffness in Type 1 Diabetes (T1D) Youth. Diabetes, 2018, 67, 431-P.	0.3	1
95	Valine Metabolism Is Altered in Obese Adolescents with Polycystic Ovary Syndrome and Relates to Insulin Sensitivity. Diabetes, 2018, 67, .	0.3	0
96	Metformin Improves Insulin Resistance (IR) and Vascular Health in Youth with Type 1 Diabetes (T1D). Diabetes, 2018, 67, 234-OR.	0.3	1
97	Obese adolescents with polycystic ovarian syndrome have elevated cardiovascular disease risk markers. Vascular Medicine, 2017, 22, 85-95.	0.8	49
98	Worldwide Dissatisfaction With the Diagnostic Process and Initial Treatment of PCOS. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 375-378.	1.8	12
99	Insulin Resistance in Youth Without Diabetes Is Not Related to Muscle Mitochondrial Dysfunction. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1652-1660.	1.8	10
100	Leptin is associated with cardiopulmonary fitness independent of body-mass index and insulin sensitivity in adolescents with type 1 diabetes: a brief report from the EMERALD study. Journal of Diabetes and Its Complications, 2017, 31, 850-853.	1.2	8
101	Insulin Resistance, Hyperinsulinemia, and Mitochondria Dysfunction in Nonobese Girls With Polycystic Ovarian Syndrome. Journal of the Endocrine Society, 2017, 1, 931-944.	0.1	61
102	Insulin resistance in type 2 diabetes youth relates to serum free fatty acids and muscle mitochondrial dysfunction. Journal of Diabetes and Its Complications, 2017, 31, 141-148.	1.2	40
103	The role of glycemia in insulin resistance in youth with type 1 and type 2 diabetes. Pediatric Diabetes, 2017, 18, 470-477.	1.2	21
104	Lipoprotein subfraction cholesterol distribution is more atherogenic in insulin resistant adolescents with type 1 diabetes. Pediatric Diabetes, 2016, 17, 257-265.	1.2	22
105	Ethnic and Sex Differences in Adiponectin: From Childhood to Adulthood. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4808-4815.	1.8	32
106	Cardiopulmonary Dysfunction and Adiponectin in Adolescents With Type 2 Diabetes. Journal of the American Heart Association, 2016, 5, e002804.	1.6	41
107	Hepatic Steatosis is Common in Adolescents with Obesity and <scp>PCOS</scp> and Relates to De Novo Lipogenesis but not Insulin Resistance. Obesity, 2016, 24, 2399-2406.	1.5	59
108	Modeling changes in glucose and glycerol rates of appearance when true basal rates of appearance cannot be readily determined. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E323-E331.	1.8	10

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109	Reduction of Insulin Related Preventable Severe Hypoglycemic Events in Hospitalized Children. Pediatrics, 2016, 138, .	1.0	7
110	Youth with type 1 diabetes have worse strain and less pronounced sex differences in early echocardiographic markers of diabetic cardiomyopathy compared to their normoglycemic peers: A RESistance to InSulin in Type 1 ANd Type 2 diabetes (RESISTANT) Study. Journal of Diabetes and Its Complications, 2016, 30, 1103-1110.	1.2	31
111	Advances in Exercise, Physical Activity, and Diabetes Mellitus. Diabetes Technology and Therapeutics, 2016, 18, S-76-S-85.	2.4	15
112	Peripheral insulin resistance in obese girls with hyperandrogenism is related to oxidative phosphorylation and elevated serum free fatty acids. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E726-E733.	1.8	39
113	Renal Function Is Associated With Peak Exercise Capacity in Adolescents With Type 1 Diabetes. Diabetes Care, 2015, 38, 126-131.	4.3	22
114	Delayed Skeletal Muscle Mitochondrial ADP Recovery in Youth With Type 1 Diabetes Relates to Muscle Insulin Resistance. Diabetes, 2015, 64, 383-392.	0.3	72
115	Insulin Sensitivity Is an Important Determinant of Renal Health in Adolescents With Type 2 Diabetes. Diabetes Care, 2014, 37, 3033-3039.	4.3	41
116	The StatStrip Glucose Monitor Is Suitable for Use During Hyperinsulinemic Euglycemic Clamps in a Pediatric Population. Diabetes Technology and Therapeutics, 2014, 16, 298-302.	2.4	10
117	Method for Controlled Mitochondrial Perturbation during Phosphorus MRS in Children. Medicine and Science in Sports and Exercise, 2014, 46, 2030-2036.	0.2	15
118	Severe neuroinvasive West Nile virus infection in a child with undiagnosed Addison's disease. IDCases, 2014, 1, 29-31.	0.4	7
119	Targeting mitochondria to restore failed adaptation to exercise in diabetes. Biochemical Society Transactions, 2014, 42, 231-238.	1.6	11
120	Abstract 12078: Obese Girls With PCOS Have Evidence of Vascular Stiffening and Left Ventricular Hypertrophy Which Relate to Insulin Resistance. Circulation, 2014, 130, .	1.6	0
121	Management of large-scale wireless sensor networks utilizing multi-parent recursive area hierarchies. , 2013, , .		1
122	Intrahepatic Fat Is Increased in the Neonatal Offspring of Obese Women with Gestational Diabetes. Journal of Pediatrics, 2013, 162, 930-936.e1.	0.9	164
123	Etiology of Insulin Resistance in Youth with Type 2 Diabetes. Current Diabetes Reports, 2013, 13, 81-88.	1.7	52
124	Insulin resistance in type 2 diabetic youth. Current Opinion in Endocrinology, Diabetes and Obesity, 2012, 19, 255-262.	1.2	20
125	Impaired Glucose Tolerance in Pediatric Burn Patients at Discharge From the Acute Hospital Stay. Journal of Burn Care and Research, 2010, 31, 728-733.	0.2	16
126	Intensive insulin therapy improves insulin sensitivity and mitochondrial function in severely burned children*. Critical Care Medicine, 2010, 38, 1475-1483.	0.4	42

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127	Twenty-eight-day bed rest with hypercortisolemia induces peripheral insulin resistance and increases intramuscular triglycerides. Metabolism: Clinical and Experimental, 2010, 59, 703-710.	1.5	52
128	Metabolic profiling of muscle contraction in lean compared with obese rodents. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R926-R934.	0.9	18
129	Muscle Protein Synthesis and Balance Responsiveness to Essential Amino Acids Ingestion in the Presence of Elevated Plasma Free Fatty Acid Concentrations. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2984-2990.	1.8	35
130	Amino acid supplementation decreases plasma and liver triacylglycerols in elderly. Nutrition, 2009, 25, 281-288.	1.1	44
131	Insulin resistance, secretion and breakdown are increased 9 months following severe burn injury. Burns, 2009, 35, 63-69.	1.1	24
132	Human mitochondrial oxidative capacity is acutely impaired after burn trauma. American Journal of Surgery, 2008, 196, 234-239.	0.9	37
133	Postburn trauma insulin resistance and fat metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E1-E9.	1.8	89
134	Insulin Sensitivity is Related to Fat Oxidation and Protein Kinase C Activity in Children With Acute Burn Injury. Journal of Burn Care and Research, 2008, 29, 585-594.	0.2	12
135	A model of clinical inactivity with hypercortisolemia and hypocaloric diet induces peripheral insulin resistance and increases intramuscular fat. FASEB Journal, 2008, 22, 1225.2.	0.2	0
136	Contraction of insulin-resistant muscle normalizes insulin action in association with increased mitochondrial activity and fatty acid catabolism. American Journal of Physiology - Cell Physiology, 2007, 292, C729-C739.	2.1	77
137	Insulin Sensitivity and Mitochondrial Function Are Improved in Children With Burn Injury During a Randomized Controlled Trial of Fenofibrate. Annals of Surgery, 2007, 245, 214-221.	2.1	99
138	Role of fat metabolism in burn trauma-induced skeletal muscle insulin resistance. Critical Care Medicine, 2007, 35, S476-S483.	0.4	58
139	PPAR-Î± agonism improves whole body and muscle mitochondrial fat oxidation, but does not alter intracellular fat concentrations in burn trauma children in a randomized controlled trial. Nutrition and Metabolism, 2007, 4, 9.	1.3	49
140	Recovery of labeled CO₂ from acetate in severely burned children. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1726-E1729.	1.8	1
141	Plasma triglycerides are not related to tissue lipids and insulin sensitivity in elderly following PPAR-Î± agonist treatment. Mechanisms of Ageing and Development, 2007, 128, 558-565.	2.2	15
142	Stimulation of net muscle protein synthesis by whey protein ingestion before and after exercise. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E71-E76.	1.8	235
143	Human mitochondrial oxidative capacity is acutely impaired following burn trauma. FASEB Journal, 2007, 21, A839.	0.2	2
144	Milk Ingestion Stimulates Net Muscle Protein Synthesis following Resistance Exercise. Medicine and Science in Sports and Exercise, 2006, 38, 667-674.	0.2	181

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145	Quantification of the concentration and 13C tracer enrichment of long-chain fatty acyl-coenzyme A in muscle by liquid chromatography/mass spectrometry. Analytical Biochemistry, 2006, 349, 87-95.	1.1	29
146	Atrophy and Impaired Muscle Protein Synthesis during Prolonged Inactivity and Stress. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4836-4841.	1.8	211
147	Measurement of stable isotopic enrichment and concentration of long-chain fatty acyl-carnitines in tissue by HPLC-MS. Journal of Lipid Research, 2006, 47, 431-439.	2.0	35
148	Mixed muscle and hepatic derived plasma protein metabolism is differentially regulated in older and younger men following resistance exercise. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E922-E929.	1.8	68
149	Effect of carbohydrate intake on net muscle protein synthesis during recovery from resistance exercise. Journal of Applied Physiology, 2004, 96, 674-678.	1.2	190
150	Intramuscular and Liver Triglycerides Are Increased in the Elderly. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3864-3871.	1.8	241
151	Ingestion of Casein and Whey Proteins Result in Muscle Anabolism after Resistance Exercise. Medicine and Science in Sports and Exercise, 2004, 36, 2073-2081.	0.2	273
152	Combined Oral Contraceptive Treatment Does Not Alter the Gut Microbiome but Affects Amino Acid Metabolism in Sera of Obese Girls With Polycystic Ovary Syndrome. Frontiers in Physiology, 0, 13, .	1.3	2