

Bruce W Patterson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2041153/publications.pdf>

Version: 2024-02-01

76
papers

7,368
citations

101543

36
h-index

82547

72
g-index

77
all docs

77
docs citations

77
times ranked

10239
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrahepatic fat, not visceral fat, is linked with metabolic complications of obesity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15430-15435.	7.1	853
2	Absence of an Effect of Liposuction on Insulin Action and Risk Factors for Coronary Heart Disease. New England Journal of Medicine, 2004, 350, 2549-2557.	27.0	680
3	Effects of Moderate and Subsequent Progressive Weight Loss on Metabolic Function and Adipose Tissue Biology in Humans with Obesity. Cell Metabolism, 2016, 23, 591-601.	16.2	592
4	Alterations in Adipose Tissue and Hepatic Lipid Kinetics in Obese Men and Women With Nonalcoholic Fatty Liver Disease. Gastroenterology, 2008, 134, 424-431.	1.3	484
5	Amyloid $\hat{1}^2$ concentrations and stable isotope labeling kinetics of human plasma specific to central nervous system amyloidosis. Alzheimer's and Dementia, 2017, 13, 841-849.	0.8	423
6	Dietary Fat and Carbohydrates Differentially Alter Insulin Sensitivity During Caloric Restriction. Gastroenterology, 2009, 136, 1552-1560.	1.3	382
7	Tau Kinetics in Neurons and the Human Central Nervous System. Neuron, 2018, 97, 1284-1298.e7.	8.1	381
8	Insulin resistance drives hepatic de novo lipogenesis in nonalcoholic fatty liver disease. Journal of Clinical Investigation, 2020, 130, 1453-1460.	8.2	362
9	Effect of sleep on overnight cerebrospinal fluid amyloid $\hat{1}^2$ kinetics. Annals of Neurology, 2018, 83, 197-204.	5.3	229
10	Increased in Vivo Amyloid- $\hat{1}^{242}$ Production, Exchange, and Loss in Presenilin Mutation Carriers. Science Translational Medicine, 2013, 5, 189ra77.	12.4	196
11	Nicotinamide mononucleotide increases muscle insulin sensitivity in prediabetic women. Science, 2021, 372, 1224-1229.	12.6	192
12	Effects of Dietary Fructose Restriction on Liver Fat, De Novo Lipogenesis, and Insulin Kinetics in Children With Obesity. Gastroenterology, 2017, 153, 743-752.	1.3	189
13	Effects of Diet versus Gastric Bypass on Metabolic Function in Diabetes. New England Journal of Medicine, 2020, 383, 721-732.	27.0	164
14	Age and amyloid effects on human central nervous system amyloid $\hat{1}^2$ kinetics. Annals of Neurology, 2015, 78, 439-453.	5.3	148
15	Metabolically normal obese people are protected from adverse effects following weight gain. Journal of Clinical Investigation, 2015, 125, 787-795.	8.2	132
16	Role of Fat Body Lipogenesis in Protection against the Effects of Caloric Overload in Drosophila. Journal of Biological Chemistry, 2013, 288, 8028-8042.	3.4	104
17	Women Produce Fewer but Triglyceride-Richer Very Low-Density Lipoproteins than Men. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1311-1318.	3.6	103
18	Orlistat Inhibits Dietary Cholesterol Absorption. Obesity, 2001, 9, 599-604.	4.0	93

#	ARTICLE	IF	CITATIONS
19	Use of stable isotopically labeled tracers to measure very low density lipoprotein-triglyceride turnover. <i>Journal of Lipid Research</i> , 2002, 43, 223-33.	4.2	92
20	Multiorgan Insulin Sensitivity in Lean and Obese Subjects. <i>Diabetes Care</i> , 2012, 35, 1316-1321.	8.6	80
21	Increased Whole-Body Adiposity Without a Concomitant Increase in Liver Fat is Not Associated With Augmented Metabolic Dysfunction. <i>Obesity</i> , 2010, 18, 1510-1515.	3.0	78
22	High-Protein Intake during Weight Loss Therapy Eliminates the Weight-Loss-Induced Improvement in Insulin Action in Obese Postmenopausal Women. <i>Cell Reports</i> , 2016, 17, 849-861.	6.4	77
23	Glucagon-Like Peptide-2 Regulates Release of Chylomicrons From the Intestine. <i>Gastroenterology</i> , 2014, 147, 1275-1284.e4.	1.3	73
24	VLDL Triglyceride Kinetics in Lean, Overweight, and Obese Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4151-4160.	3.6	72
25	Decreased adipose tissue oxygenation associates with insulin resistance in individuals with obesity. <i>Journal of Clinical Investigation</i> , 2020, 130, 6688-6699.	8.2	64
26	Obesity Is Associated With Increased Basal and Postprandial β -Cell Insulin Secretion Even in the Absence of Insulin Resistance. <i>Diabetes</i> , 2020, 69, 2112-2119.	0.6	63
27	Regional muscle and adipose tissue amino acid metabolism in lean and obese women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E931-E936.	3.5	61
28	Decreased Production Rates of VLDL Triglycerides and ApoB-100 in Subjects Heterozygous for Familial Hypobetalipoproteinemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2714-2721.	2.4	60
29	Sitagliptin, a DPP-4 Inhibitor, Acutely Inhibits Intestinal Lipoprotein Particle Secretion in Healthy Humans. <i>Diabetes</i> , 2014, 63, 2394-2401.	0.6	59
30	Associations Between β -Amyloid Kinetics and the β -Amyloid Diurnal Pattern in the Central Nervous System. <i>JAMA Neurology</i> , 2017, 74, 207.	9.0	47
31	In vivo kinetic approach reveals slow SOD1 turnover in the CNS. <i>Journal of Clinical Investigation</i> , 2015, 125, 2772-2780.	8.2	46
32	Calorie Restriction and Matched Weight Loss From Exercise: Independent and Additive Effects on Glucoregulation and the Incretin System in Overweight Women and Men. <i>Diabetes Care</i> , 2015, 38, 1253-1262.	8.6	45
33	Influence of adiposity, insulin resistance, and intrahepatic triglyceride content on insulin kinetics. <i>Journal of Clinical Investigation</i> , 2020, 130, 3305-3314.	8.2	45
34	Physiological Mechanisms of Weight Gain-Induced Steatosis in People With Obesity. <i>Gastroenterology</i> , 2016, 150, 79-81.e2.	1.3	43
35	Alterations in 3-Hydroxyisobutyrate and FGF21 Metabolism Are Associated With Protein Ingestion-Induced Insulin Resistance. <i>Diabetes</i> , 2017, 66, 1871-1878.	0.6	43
36	In Vivo Human Apolipoprotein E Isoform Fractional Turnover Rates in the CNS. <i>PLoS ONE</i> , 2012, 7, e38013.	2.5	43

#	ARTICLE	IF	CITATIONS
37	SILK studies “ capturing the turnover of proteins linked to neurodegenerative diseases. <i>Nature Reviews Neurology</i> , 2019, 15, 419-427.	10.1	37
38	Validation of a novel index to assess insulin resistance of adipose tissue lipolytic activity in obese subjects. <i>Journal of Lipid Research</i> , 2012, 53, 321-324.	4.2	34
39	CNS Amyloid- β , Soluble APP- β and - β Kinetics during BACE Inhibition. <i>Journal of Neuroscience</i> , 2014, 34, 8336-8346.	3.6	33
40	Relationship between Adipose Tissue Lipolytic Activity and Skeletal Muscle Insulin Resistance in Nondiabetic Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1219-E1223.	3.6	31
41	Biliopancreatic Diversion Induces Greater Metabolic Improvement Than Roux-en-Y Gastric Bypass. <i>Cell Metabolism</i> , 2019, 30, 855-864.e3.	16.2	29
42	β Cell function and plasma insulin clearance in people with obesity and different glycemic status. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	27
43	Effect of Duodenal- β Jejunum Bypass Surgery on Glycemic Control in Type 2 Diabetes: A Randomized Controlled Trial. <i>Obesity</i> , 2015, 23, 1973-1979.	3.0	26
44	Effect of Roux-en-Y gastric bypass and laparoscopic adjustable gastric banding on gastrointestinal metabolism of ingested glucose. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 61-65.	4.7	24
45	Amyloid- β Plaques in Clinical Alzheimer’s Disease Brain Incorporate Stable Isotope Tracer In Vivo and Exhibit Nanoscale Heterogeneity. <i>Frontiers in Neurology</i> , 2018, 9, 169.	2.4	24
46	Blunted fat oxidation upon submaximal exercise is partially compensated by enhanced glucose metabolism in children, adolescents, and young adults with Barth syndrome. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 480-493.	3.6	24
47	Roux-en-Y Gastric Bypass Surgery Has Unique Effects on Postprandial FGF21 but Not FGF19 Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3858-3864.	3.6	23
48	Importance of CSF-based A β clearance with age in humans increases with declining efficacy of blood-brain barrier/proteolytic pathways. <i>Communications Biology</i> , 2022, 5, 98.	4.4	22
49	Effect of Progressive Weight Loss on Lactate Metabolism: A Randomized Controlled Trial. <i>Obesity</i> , 2018, 26, 683-688.	3.0	19
50	Adipose Tissue <i>CTGF</i> Expression is Associated with Adiposity and Insulin Resistance in Humans. <i>Obesity</i> , 2019, 27, 957-962.	3.0	19
51	A single bout of resistance exercise improves postprandial lipid metabolism in overweight/obese men with prediabetes. <i>Diabetologia</i> , 2020, 63, 611-623.	6.3	16
52	Analysis of a compartmental model of amyloid beta production, irreversible loss and exchange in humans. <i>Mathematical Biosciences</i> , 2015, 261, 48-61.	1.9	15
53	Personalized nutrition: pretreatment glucose metabolism determines individual long-term weight loss responsiveness in individuals with obesity on low-carbohydrate versus low-fat diet. <i>International Journal of Obesity</i> , 2019, 43, 2037-2044.	3.4	15
54	HIV infection does not prevent the metabolic benefits of diet-induced weight loss in women with obesity. <i>Obesity</i> , 2017, 25, 682-688.	3.0	14

#	ARTICLE	IF	CITATIONS
55	Diabetes adversely affects phospholipid profiles in human carotid artery endarterectomy plaques. <i>Journal of Lipid Research</i> , 2018, 59, 730-738.	4.2	13
56	Diurnal Variation in PDK4 Expression Is Associated With Plasma Free Fatty Acid Availability in People. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1068-1076.	3.6	13
57	Mindfulness, Education, and Exercise for age-related cognitive decline: Study protocol, pilot study results, and description of the baseline sample. <i>Clinical Trials</i> , 2020, 17, 581-594.	1.6	13
58	Use of stable isotope labeling technique and mass isotopomer distribution analysis of [13C]palmitate isolated from surfactant disaturated phospholipids to study surfactant in vivo kinetics in a premature infant. <i>Journal of Mass Spectrometry</i> , 2000, 35, 734-738.	1.6	12
59	Metabolic responses to xenin-25 are altered in humans with Roux-en-Y gastric bypass surgery. <i>Peptides</i> , 2016, 82, 76-84.	2.4	12
60	Caloric Restriction-Induced Decreases in Dopamine Receptor Availability are Associated with Leptin Concentration. <i>Obesity</i> , 2017, 25, 1910-1915.	3.0	11
61	Effect of hyperinsulinaemia/hyperaminoacidaemia on leg muscle protein synthesis and breakdown: reassessment of the two-pool arterio-venous balance model. <i>Journal of Physiology</i> , 2015, 593, 4245-4257.	2.9	9
62	The association between body composition, leptin levels and glucose dysregulation in youth with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 796-802.	0.7	9
63	A Single Bout of Premeal Resistance Exercise Improves Postprandial Glucose Metabolism in Obese Men with Prediabetes. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 694-703.	0.4	9
64	Methods for measuring lipid metabolism in vivo. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2002, 5, 475-479.	2.5	7
65	Increased plasma fatty acid clearance, not fatty acid concentration, is associated with muscle insulin resistance in people with obesity. <i>Metabolism: Clinical and Experimental</i> , 2022, 132, 155216.	3.4	7
66	Brief communication: β^2 -cell function influences dopamine receptor availability. <i>PLoS ONE</i> , 2019, 14, e0212738.	2.5	5
67	Postprandial Chylomicron Output and Transport Through Intestinal Lymphatics Are Not Impaired in Active Crohn's Disease. <i>Gastroenterology</i> , 2020, 159, 1955-1957.e2.	1.3	4
68	Insulin sensitivity and kinetics in African American and White people with obesity: Insights from different study protocols. <i>Obesity</i> , 2022, 30, 655-665.	3.0	4
69	Reply to: Fractional synthesis and clearance rates for amyloid β^2 . <i>Nature Medicine</i> , 2011, 17, 1179-1180.	30.7	3
70	Effect of alcohol ingestion on plasma glucose kinetics after Roux-en-Y gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 36-42.	1.2	3
71	Arginine kinetics are altered in a pilot sample of adolescents and young adults with Barth syndrome. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 25, 100675.	1.1	2
72	DT-02-04: Tau kinetics in the human cns. , 2015, 11, P334-P335.		0

#	ARTICLE	IF	CITATIONS
73	P1â€027: KINETIC BEHAVIOR OF NEWLY GENERATED BACE1â€CLEAVED APP IN THE HUMAN CENTRAL NERVOUS SYSTEM IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P276.	0.8	0
74	O3â€01â€03: TAU KINETICS IN NEURONS AND IN THE HUMAN CNS. Alzheimer's and Dementia, 2018, 14, P1008.	0.8	0
75	Stable Isotope Labeling Kinetics in CNS Translational Medicine: Introduction to SILK Technology. Handbook of Behavioral Neuroscience, 2019, 29, 173-190.	0.7	0
76	Tau kinetics in Alzheimer disease and primary tauopathies. Alzheimer's and Dementia, 2020, 16, e039109.	0.8	0