Christoph Buettner

List of Publications by Year
in descending order

77	6,165	81900	110387
papers	citations	39 h-index	64 g-index

82	82	82	10495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brain insulin signalling in metabolic homeostasis and disease. Nature Reviews Endocrinology, 2021, 17, 468-483.	9.6	70
2	Beneficial metabolic role of Î²-arrestin-1 expressed by AgRP neurons. Science Advances, 2020, 6, eaaz1341.	10.3	17
3	Brain leptin reduces liver lipids by increasing hepatic triglyceride secretion and lowering lipogenesis. Nature Communications, 2019, 10, 2717.	12.8	70
4	Active Cushing Disease Is Characterized by Increased Adipose Tissue Macrophage Presence. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2453-2461.	3.6	13
5	Fat cells gobbling up norepinephrine?. PLoS Biology, 2019, 17, e3000138.	5.6	8
6	Brain insulin resistance in type 2 diabetes and Alzheimer disease: concepts and conundrums. Nature Reviews Neurology, 2018, 14, 168-181.	10.1	905
7	iPSC-derived familial Alzheimerâ€™s PSEN2 N141I cholinergic neurons exhibit mutation-dependent molecular pathology corrected by insulin signaling. Molecular Neurodegeneration, 2018, 13, 33.	10.8	35
8	Insulin Receptor Signaling in POMC, but Not AgRP, Neurons Controls Adipose Tissue Insulin Action. Diabetes, 2017, 66, 1560-1571.	0.6	77
9	Alternatively activated macrophages do not synthesize catecholamines or contribute to adipose tissue adaptive thermogenesis. Nature Medicine, 2017, 23, 623-630.	30.7	282
10	Blocking FSH induces thermogenic adipose tissue and reduces body fat. Nature, 2017, 546, 107-112.	27.8	250
11	Embryonic ablation of neuronal VGF increases energy expenditure and reduces body weight. Neuropeptides, 2017, 64, 75-83.	2.2	8
12	Germline deletion of KrÃ¼ppel-like factor 14 does not increase risk of diet induced metabolic syndrome in male C57BL/6 mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 3277-3285.	3.8	15
13	Selective Inhibition of FOXO1 Activator/Repressor Balance Modulates Hepatic Glucose Handling. Cell, 2017, 171, 824-835.e18.	28.9	160
14	Chronic Intranasal Insulin Does Not Affect Hepatic Lipids but Lowers Circulating BCAAs in Healthy Male Subjects. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1325-1332.	3.6	11
15	Unexpected partial correction of metabolic and behavioral phenotypes of Alzheimerâ€™s APP/PSEN1 mice by gene targeting of diabetes/Alzheimerâ€™s-related Sorcs1. Acta Neuropathologica Communications, 2016, 4, 16.	5.2	24
16	Insulin Regulates Hepatic Triglyceride Secretion and Lipid Content via Signaling in the Brain. Diabetes, 2016, 65, 1511-1520.	0.6	49
17	Increased susceptibility to metabolic dysregulation in a mouse model of Alzheimer's disease is associated with impaired hypothalamic insulin signaling and elevated BCAA levels. Alzheimer's and Dementia, 2016, 12, 851-861.	0.8	85
18	Small Molecular Allosteric Activator of the Sarco/Endoplasmic Reticulum Ca2+-ATPase (SERCA) Attenuates Diabetes and Metabolic Disorders. Journal of Biological Chemistry, 2016, 291, 5185-5198.	3.4	137

#	Article	IF	Citations
19	Adipose Tissue DNL and Its Role in Metabolic Homeostasis. , 2016, , 267-283.		0
20	Cholinergic neurons in the dorsomedial hypothalamus regulate mouse brown adipose tissue metabolism. Molecular Metabolism, 2015, 4, 483-492.	6.5	50
21	Role of VGF-Derived Carboxy-Terminal Peptides in Energy Balance and Reproduction: Analysis of â€œHumanizedâ€•Knockin Mice Expressing Full-Length or Truncated VGF. Endocrinology, 2015, 156, 1724-1738.	2.8	19
22	Mitochondrial Shape Governs BAX-Induced Membrane Permeabilization and Apoptosis. Molecular Cell, 2015, 57, 69-82.	9.7	174
23	Perinatal Exposure of Mice to the Pesticide DDT Impairs Energy Expenditure and Metabolism in Adult Female Offspring. PLoS ONE, 2014, 9, e103337.	2.5	135
24	Activating Transcription Factor 6 Is Necessary and Sufficient for Alcoholic Fatty Liver Disease in Zebrafish. PLoS Genetics, 2014, 10, e1004335.	3.5	64
25	Why leptin keeps you warm. Molecular Metabolism, 2014, 3, 779-780.	6.5	5
26	Repurposing of bisphosphonates for the prevention and therapy of nonsmall cell lung and breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17995-18000.	7.1	52
27	Mechanisms of Glucocorticoid-Induced Insulin Resistance. Endocrinology and Metabolism Clinics of North America, 2014, 43, 75-102.	3.2	264
28	Intranasal Insulin Suppresses Systemic but Not Subcutaneous Lipolysis in Healthy Humans. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E246-E251.	3.6	52
29	Brain Insulin Lowers Circulating BCAA Levels by Inducing Hepatic BCAA Catabolism. Cell Metabolism, 2014, 20, 898-909.	16.2	124
30	FGF19: How gut talks to brain to keep your sugar down. Molecular Metabolism, 2014, 3, 3-4.	6.5	6
31	Inhibition of Cisplatin-Induced Lipid Catabolism and Weight Loss by Ghrelin in Male Mice. Endocrinology, 2013, 154, 3118-3129.	2.8	87
32	Preface. Endocrinology and Metabolism Clinics of North America, 2013, 42, xv-xvi.	3.2	0
33	De novo lipogenesis in human fat and liver is linked to ChREBP-Î² and metabolic health. Nature Communications, 2013, 4, 1528.	12.8	241
34	Binge Drinking Induces Whole-Body Insulin Resistance by Impairing Hypothalamic Insulin Action. Science Translational Medicine, 2013, 5, 170ra14.	12.4	79
35	Short Term Voluntary Overfeeding Disrupts Brain Insulin Control of Adipose Tissue Lipolysis. Journal of Biological Chemistry, 2012, 287, 33061-33069.	3.4	58
36	Minireview: The Link Between Fat and Bone: Does Mass Beget Mass?. Endocrinology, 2012, 153, 2070-2075.	2.8	52

#	Article	IF	Citations
37	Hepatic Cannabinoid Receptor-1 Mediates Diet-Induced Insulin Resistance via Inhibition of Insulin Signaling and Clearance in Mice. Gastroenterology, 2012, 142, 1218-1228.e1.	1.3	155
38	Is Hyperinsulinemia Required to Develop Overeating-Induced Obesity?. Cell Metabolism, 2012, 16, 691-692.	16.2	10
39	Germline ablation of VGF increases lipolysis in white adipose tissue. Journal of Endocrinology, 2012, 215, 313-322.	2.6	14
40	Determinants of FDG Uptake in AtherosclerosisâŽâŽEditorials published in JACC: Cardiovascular Imaging reflect the views of the authors and do not necessarily represent the views of JACC: Cardiovascular Imaging or the American College of Cardiology.. JACC: Cardiovascular Imaging, 2011, 4, 1302-1304.	5.3	15
41	Brain Insulin Controls Adipose Tissue Lipolysis and Lipogenesis. Cell Metabolism, 2011, 13, 183-194.	16.2	216
42	Yin and Yang of hypothalamic insulin and leptin signaling in regulating white adipose tissue metabolism. Reviews in Endocrine and Metabolic Disorders, 2011, 12, 235-243.	5.7	52
43	Central Endocannabinoid Signaling Regulates Hepatic Glucose Production and Systemic Lipolysis. Diabetes, 2011, 60, 1055-1062.	0.6	47
44	Adiponectin Battles Ceramides. Science Translational Medicine, 2011, 3, .	12.4	0
45	Growth Factor Makes Memories Stick. Science Translational Medicine, 2011, 3, .	12.4	0
46	GPR120 Mediates the Benefits of Fish Oil. Science Translational Medicine, 2010, 2, .	12.4	1
47	Building Better Bones. Science Translational Medicine, 2010, 2, .	12.4	0
48	Could Interleukin-33 Be the Stopgap Against Sepsis?. Science Translational Medicine, 2010, 2, .	12.4	0
49	Your Brain Controls Your Cholesterol. Science Translational Medicine, 2010, 2, .	12.4	0
50	Your Inner Clock Is on Steroids. Science Translational Medicine, 2010, 2, .	12.4	0
51	Hot Peppers to Cool Blood Pressure. Science Translational Medicine, 2010, 2, .	12.4	0
52	Act-ing Against Muscle Loss in Cachexia. Science Translational Medicine, 2010, 2, .	12.4	0
53	New Cause for Diabetic Nephropathy. Science Translational Medicine, 2010, 2, .	12.4	0
54	New Cellular Culprits in Gaucher's Disease. Science Translational Medicine, 2010, 2, .	12.4	0

#	Article	IF	Citations
55	Tracing the Fate of an Essential Element. Science Translational Medicine, 2010, 2, .	12.4	0
56	Insulin Resistance Results in Brain Drain. Science Translational Medicine, 2010, 2, .	12.4	0
57	Oxytocin is an anabolic bone hormone. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7149-7154.	7.1	223
58	Hepatic Muscarinic Acetylcholine Receptors Are Not Critically Involved in Maintaining Glucose Homeostasis in Mice. Diabetes, 2009, 58, 2776-2787.	0.6	46
59	The dysregulation of the endocannabinoid system in diabesityâ€"a tricky problem. Journal of Molecular Medicine, 2009, 87, 663-668.	3.9	23
60	Humanin: A Novel Central Regulator of Peripheral Insulin Action. PLoS ONE, 2009, 4, e6334.	2.5	200
61	Leptin controls adipose tissue lipogenesis via central, STAT3â€"independent mechanisms. Nature Medicine, 2008, 14, 667-675.	30.7	288
62	Hypothalamic Control of Hepatic Glucose Production and Its Potential Role in Insulin Resistance. Endocrinology and Metabolism Clinics of North America, 2008, 37, 825-840.	3.2	26
63	Hepatic CB1 receptor is required for development of diet-induced steatosis, dyslipidemia, and insulin and leptin resistance in mice. Journal of Clinical Investigation, 2008, 118, 3160-3169.	8.2	399
64	Does FASing Out New Fat in the Hypothalamus Make You Slim?. Cell Metabolism, 2007, 6, 249-251.	16.2	3
65	Critical role of STAT3 in leptin's metabolic actions. Cell Metabolism, 2006, 4, 49-60.	16.2	187
66	Central Leptin Acutely Reverses Diet-Induced Hepatic Insulin Resistance. Diabetes, 2005, 54, 3182-3189.	0.6	138
67	Severe impairment in liver insulin signaling fails to alter hepatic insulin action in conscious mice. Journal of Clinical Investigation, 2005, 115, 1306-1313.	8.2	55
68	Polyuria and Abdominal Pain in a Young Jamaican Woman. Laboratory Medicine, 2004, 35, 100-103.	1.2	0
69	The Iodothyronine Selenodeiodinases Are Thioredoxin-fold Family Proteins Containing a Glycoside Hydrolase Clan GH-A-like Structure. Journal of Biological Chemistry, 2003, 278, 36887-36896.	3.4	123
70	The Role of Selenocysteine 133 in Catalysis by the Human Type 2 Iodothyronine Deiodinase1. Endocrinology, 2000, 141, 4606-4612.	2.8	53
71	The Role of Selenocysteine 133 in Catalysis by the Human Type 2 Iodothyronine Deiodinase. Endocrinology, 2000, 141, 4606-4612.	2.8	21
72	Substrate-Induced Down-Regulation of Human Type 2 Deiodinase (hD2) Is Mediated through Proteasomal Degradation and Requires Interaction with the Enzyme's Active Center. Endocrinology, 2000, 141, 1127-1135.	2.8	25

#	Article	IF	Citations
73	Characterization of the Thyroxine-Binding Site of Thyroxine-Binding Globulin by Site-Directed Mutagenesis. Molecular Endocrinology, 1999, 13, 1864-1872.	3.7	11
74	Modularity of Serpins. Journal of Biological Chemistry, 1999, 274, 15046-15051.	3.4	15
75	The Caenorhabditis elegans Homologue of Thioredoxin Reductase Contains a Selenocysteine Insertion Sequence (SECIS) Element That Differs from Mammalian SECIS Elements but Directs Selenocysteine Incorporation. Journal of Biological Chemistry, 1999, 274, 21598-21602.	3.4	62
76	Characterization of the Thyroxine-Binding Site of Thyroxine-Binding Globulin by Site-Directed Mutagenesis. Molecular Endocrinology, 1999, 13, 1864-1872.	3.7	7
77	The 3â€²-Untranslated Region of Human Type 2 Iodothyronine Deiodinase mRNA Contains a Functional Selenocysteine Insertion Sequence Element. Journal of Biological Chemistry, 1998, 273, 33374-33378.	3.4	68