

Jeffrey S Flier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1727947/publications.pdf>

Version: 2024-02-01

61
papers

18,817
citations

81900

39
h-index

128289

60
g-index

63
all docs

63
docs citations

63
times ranked

14401
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of leptin in the neuroendocrine response to fasting. <i>Nature</i> , 1996, 382, 250-252.	27.8	2,865
2	Type I Diabetes Mellitus. <i>New England Journal of Medicine</i> , 1986, 314, 1360-1368.	27.0	1,578
3	Leptin. <i>Annual Review of Physiology</i> , 2000, 62, 413-437.	13.1	1,473
4	Leptin levels reflect body lipid content in mice: Evidence for diet-induced resistance to leptin action. <i>Nature Medicine</i> , 1995, 1, 1311-1314.	30.7	1,464
5	The Syndromes of Insulin Resistance and Acanthosis Nigricans. <i>New England Journal of Medicine</i> , 1976, 294, 739-745.	27.0	1,088
6	Mice lacking melanin-concentrating hormone are hypophagic and lean. <i>Nature</i> , 1998, 396, 670-674.	27.8	1,085
7	Obesity Wars. <i>Cell</i> , 2004, 116, 337-350.	28.9	1,043
8	Development of obesity in transgenic mice after genetic ablation of brown adipose tissue. <i>Nature</i> , 1993, 366, 740-742.	27.8	1,003
9	Distributions of leptin receptor mRNA isoforms in the rat brain. <i>Journal of Comparative Neurology</i> , 1998, 395, 535-547.	1.6	944
10	Identification of SOCS-3 as a Potential Mediator of Central Leptin Resistance. <i>Molecular Cell</i> , 1998, 1, 619-625.	9.7	901
11	Human leptin levels are pulsatile and inversely related to pituitary α -ardenal function. <i>Nature Medicine</i> , 1997, 3, 575-579.	30.7	637
12	The Role of SOCS-3 in Leptin Signaling and Leptin Resistance. <i>Journal of Biological Chemistry</i> , 1999, 274, 30059-30065.	3.4	536
13	Unraveling the central nervous system pathways underlying responses to leptin. <i>Nature Neuroscience</i> , 1998, 1, 445-450.	14.8	478
14	What α ™s in a Name? In Search of Leptin α ™s Physiologic Role1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1407-1413.	3.6	441
15	Enhanced leptin sensitivity and attenuation of diet-induced obesity in mice with haploinsufficiency of Socs3. <i>Nature Medicine</i> , 2004, 10, 734-738.	30.7	434
16	Adipsin Is an Adipokine that Improves β 2 Cell Function in Diabetes. <i>Cell</i> , 2014, 158, 41-53.	28.9	284
17	Leptin Concentrations in Relation to Body Mass Index and the Tumor Necrosis Factor- α System in Humans1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 3408-3413.	3.6	226
18	Fibroblast Growth Factor 21 Limits Lipotoxicity by Promoting Hepatic Fatty Acid Activation in Mice on Methionine and Choline-Deficient Diets. <i>Gastroenterology</i> , 2014, 147, 1073-1083.e6.	1.3	216

#	ARTICLE	IF	CITATIONS
19	Synchronicity of Frequently Sampled Thyrotropin (TSH) and Leptin Concentrations in Healthy Adults and Leptin-Deficient Subjects: Evidence for Possible Partial TSH Regulation by Leptin in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3284-3291.	3.6	199
20	Central Fibroblast Growth Factor 21 Browns White Fat via Sympathetic Action in Male Mice. <i>Endocrinology</i> , 2015, 156, 2470-2481.	2.8	188
21	The missing link with obesity?. <i>Nature</i> , 2001, 409, 292-293.	27.8	110
22	Leptin's Physiologic Role: Does the Emperor of Energy Balance Have No Clothes?. <i>Cell Metabolism</i> , 2017, 26, 24-26.	16.2	107
23	Circulating Insulin Concentrations, Smoking, and Alcohol Intake Are Important Independent Predictors of Leptin in Young Healthy Men. <i>Obesity</i> , 1998, 6, 179-186.	4.0	105
24	Fibroblast growth factor 21 (FGF21) is robustly induced by ethanol and has a protective role in ethanol associated liver injury. <i>Molecular Metabolism</i> , 2017, 6, 1395-1406.	6.5	103
25	Fibroblast Growth Factor 21 (FGF21) Protects against High Fat Diet Induced Inflammation and Islet Hyperplasia in Pancreas. <i>PLoS ONE</i> , 2016, 11, e0148252.	2.5	90
26	In Vivo Administration of Leptin Activates Signal Transduction Directly in Insulin-Sensitive Tissues: Overlapping but Distinct Pathways from Insulin. <i>Endocrinology</i> , 2000, 141, 2328-2339.	2.8	81
27	Adaptive changes in amino acid metabolism permit normal longevity in mice consuming a low-carbohydrate ketogenic diet. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2056-2065.	3.8	75
28	Gender differences in leptin levels during puberty are related to the subcutaneous fat depot and sex steroids. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 275, E543-E551.	3.5	73
29	Endogenous digitalis-like activity in the plasma of the toad <i>Bufo marinus</i> . <i>Nature</i> , 1979, 279, 341-343.	27.8	69
30	Characterization of Insulin-Like Growth Factor Binding to Human Granulosa Cells Obtained During in Vitro Fertilization. <i>Journal of Receptors and Signal Transduction</i> , 1987, 7, 885-902.	1.2	67
31	Functional Properties of Leptin Receptor Isoforms Containing the Gln ⁴⁷ Pro Extracellular Domain Mutation of the Fatty Rat*. <i>Endocrinology</i> , 1998, 139, 3681-3690.	2.8	66
32	Deficiency of fibroblast growth factor 21 (FGF21) promotes hepatocellular carcinoma (HCC) in mice on a long term obesogenic diet. <i>Molecular Metabolism</i> , 2018, 13, 56-66.	6.5	65
33	Distinct Physiologic and Neuronal Responses to Decreased Leptin and Mild Hyperleptinemia. <i>Endocrinology</i> , 1999, 140, 4923-4931.	2.8	63
34	Obesity research springs a proton leak. <i>Nature Genetics</i> , 1997, 15, 223-224.	21.4	50
35	Cardiovascular Abnormalities in Transgenic Mice With Reduced Brown Fat. <i>Circulation</i> , 1999, 100, 2177-2183.	1.6	49
36	AgRP in energy balance: Will the real AgRP please stand up?. <i>Cell Metabolism</i> , 2006, 3, 83-85.	16.2	49

#	ARTICLE	IF	CITATIONS
37	Starvation in the Midst of Plenty: Reflections on the History and Biology of Insulin and Leptin. <i>Endocrine Reviews</i> , 2019, 40, 1-16.	20.1	47
38	Synchronicity of Frequently Sampled Thyrotropin (TSH) and Leptin Concentrations in Healthy Adults and Leptin-Deficient Subjects: Evidence for Possible Partial TSH Regulation by Leptin in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3284-3291.	3.6	47
39	Pushing the envelope on lipodystrophy. <i>Nature Genetics</i> , 2000, 24, 103-104.	21.4	41
40	Irreproducibility of published bioscience research: Diagnosis, pathogenesis and therapy. <i>Molecular Metabolism</i> , 2017, 6, 2-9.	6.5	36
41	Activation of SOCS-3 Messenger Ribonucleic Acid in the Hypothalamus by Ciliary Neurotrophic Factor. <i>Endocrinology</i> , 1999, 140, 2035-2043.	2.8	34
42	Beta-adrenergic receptors are critical for weight loss but not for other metabolic adaptations to the consumption of a ketogenic diet in male mice. <i>Molecular Metabolism</i> , 2017, 6, 854-862.	6.5	33
43	NEUROSCIENCE: Regulating Energy Balance: The Substrate Strikes Back. <i>Science</i> , 2006, 312, 861-864.	12.6	30
44	Fibroblast growth factor 21 has no direct role in regulating fertility in female mice. <i>Molecular Metabolism</i> , 2016, 5, 690-698.	6.5	29
45	Liver-derived FGF21 is essential for full adaptation to ketogenic diet but does not regulate glucose homeostasis. <i>Endocrine</i> , 2020, 67, 95-108.	2.3	28
46	CELL BIOLOGY: Enhanced: Chewing the Fat-ACC and Energy Balance. <i>Science</i> , 2001, 291, 2558-2559.	12.6	28
47	Gut Check: Testing a Role for the Intestinal Microbiome in Human Obesity. <i>Science Translational Medicine</i> , 2009, 1, 6ps7.	12.4	24
48	Lasker Lauds Leptin. <i>Cell</i> , 2010, 143, 9-12.	28.9	24
49	Hormone resistance in diabetes and obesity: insulin, leptin, and FGF21. <i>Yale Journal of Biology and Medicine</i> , 2012, 85, 405-14.	0.2	19
50	Insulin: A pacesetter for the shape of modern biomedical science and the Nobel Prize. <i>Molecular Metabolism</i> , 2021, 52, 101194.	6.5	18
51	What Fuels Fat. <i>Scientific American</i> , 2007, 297, 72-81.	1.0	15
52	Conflict of Interest Among Medical School Faculty. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 1731.	7.4	11
53	Categorizing biomedical research: the basics of translation. <i>FASEB Journal</i> , 2017, 31, 3210-3215.	0.5	9
54	Lasker Lauds Leptin. <i>Cell Metabolism</i> , 2010, 12, 317-320.	16.2	7

#	ARTICLE	IF	CITATIONS
55	Credit and Priority in Scientific Discovery: A Scientist's Perspective. Perspectives in Biology and Medicine, 2019, 62, 189-215.	0.5	5
56	Dealing with Consequences of Irreproducibility and Modifying the Published Literature: Retractions versus Revisions. Cell Metabolism, 2017, 26, 695-696.	16.2	4
57	C. Ronald Kahn: The Louisville Slugger of metabolic science. Journal of Clinical Investigation, 2019, 129, 5066-5070.	8.2	3
58	Distributions of leptin receptor mRNA isoforms in the rat brain. Journal of Comparative Neurology, 1998, 395, 535-547.	1.6	2
59	Health care reform: without a correct diagnosis, there is no cure. Journal of Clinical Investigation, 2009, 119, 2850-2852.	8.2	1
60	Is France Once Again Looking for a Scapegoat?. Pathogens and Immunity, 2021, 6, 149-152.	3.1	1
61	Credit and Priority in Scientific Discovery: A Scientist's Perspective. Perspectives in Biology and Medicine, 2019, , .	0.5	0