

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1470674/publications.pdf Version: 2024-02-01

111 papers	26,288 citations	23567 58 h-index	24982 109 g-index
112	112	112	36353
all docs	docs citations	times ranked	citing authors

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#	Article	IF	CITATIONS
1	The hepatokine TSK maintains myofiber integrity and exercise endurance and contributes to muscle regeneration. JCI Insight, 2022, 7, .	5.0	5
2	Histone deacetylase 6 inhibition restores leptin sensitivity and reduces obesity. Nature Metabolism, 2022, 4, 44-59.	11.9	20
3	Reprogramming of Hepatic Metabolism and Microenvironment in Nonalcoholic Steatohepatitis. Annual Review of Nutrition, 2022, 42, 91-113.	10.1	20
4	Deletion of the Feeding-Induced Hepatokine TSK Ameliorates the Melanocortin Obesity Syndrome. Diabetes, 2021, 70, 2081-2091.	0.6	6
5	Regulation of hepatic circadian metabolism by the E3 ubiquitin ligase HRD1-controlled CREBH/PPARα transcriptional program. Molecular Metabolism, 2021, 49, 101192.	6.5	14
6	Endothelium-protective, histone-neutralizing properties of the polyanionic agent defibrotide. JCI Insight, 2021, 6, .	5.0	23
7	Hepatic Small Ubiquitinâ€Related Modifier (SUMO)–Specific Protease 2 Controls Systemic Metabolism Through SUMOylationâ€Dependent Regulation of Liver–Adipose Tissue Crosstalk. Hepatology, 2021, 74, 1864-1883.	7.3	27
8	hnRNPU/TrkB Defines a Chromatin Accessibility Checkpoint for Liver Injury and Nonalcoholic Steatohepatitis Pathogenesis. Hepatology, 2020, 71, 1228-1246.	7.3	27
9	Hepatic Slug epigenetically promotes liver lipogenesis, fatty liver disease, and type 2 diabetes. Journal of Clinical Investigation, 2020, 130, 2992-3004.	8.2	29
10	Single-Cell RNA Profiling Reveals Adipocyte to Macrophage Signaling Sufficient to Enhance Thermogenesis. Cell Reports, 2020, 32, 107998.	6.4	60
11	BAF60a Deficiency in Vascular Smooth Muscle Cells Prevents Abdominal Aortic Aneurysm by Reducing Inflammation and Extracellular Matrix Degradation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2494-2507.	2.4	31
12	The obesity-induced adipokine sST2 exacerbates adipose T _{reg} and ILC2 depletion and promotes insulin resistance. Science Advances, 2020, 6, eaay6191.	10.3	43
13	BAF60a deficiency uncouples chromatin accessibility and cold sensitivity from white fat browning. Nature Communications, 2020, 11, 2379.	12.8	20
14	A Single ell Perspective of the Mammalian Liver in Health and Disease. Hepatology, 2020, 71, 1467-1473.	7.3	29
15	Sel1L-Hrd1 ER-associated degradation maintains β cell identity via TGF-β signaling. Journal of Clinical Investigation, 2020, 130, 3499-3510.	8.2	52
16	Landscape of Intercellular Crosstalk in Healthy and NASH Liver Revealed by Single-Cell Secretome Gene Analysis. Molecular Cell, 2019, 75, 644-660.e5.	9.7	488
17	Sustained ER stress promotes hyperglycemia by increasing glucagon action through the deubiquitinating enzyme USP14. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21732-21738.	7.1	39
18	Function and Mechanism of Long Noncoding RNAs in Adipocyte Biology. Diabetes, 2019, 68, 887-896.	0.6	65

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19	GPNMB: expanding the code for liver–fat communication. Nature Metabolism, 2019, 1, 507-508.	11.9	5
20	Regulation of hepatic autophagy by stressâ€sensing transcription factor CREBH. FASEB Journal, 2019, 33, 7896-7914.	0.5	18
21	Mapping the molecular signatures of diet-induced NASH and its regulation by the hepatokine Tsukushi. Molecular Metabolism, 2019, 20, 128-137.	6.5	86
22	The hepatokine Tsukushi gates energy expenditure via brown fat sympathetic innervation. Nature Metabolism, 2019, 1, 251-260.	11.9	53
23	Brown fat activation mitigates alcohol-induced liver steatosis and injury in mice. Journal of Clinical Investigation, 2019, 129, 2305-2317.	8.2	39
24	Bmal1 in Perivascular Adipose Tissue Regulates Resting-Phase Blood Pressure Through Transcriptional Regulation of Angiotensinogen. Circulation, 2018, 138, 67-79.	1.6	77
25	The SWI/SNF chromatin-remodeling factors BAF60a, b, and c in nutrient signaling and metabolic control. Protein and Cell, 2018, 9, 207-215.	11.0	27
26	Uncoupling Exercise Bioenergetics From Systemic Metabolic Homeostasis by Conditional Inactivation of Baf60 in Skeletal Muscle. Diabetes, 2018, 67, 85-97.	0.6	14
27	Proteome-wide analysis of USP14 substrates revealed its role in hepatosteatosis via stabilization of FASN. Nature Communications, 2018, 9, 4770.	12.8	81
28	KDM4B protects against obesity and metabolic dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5566-E5575.	7.1	47
29	The long noncoding RNA Blnc1 orchestrates homeostatic adipose tissue remodeling to preserve metabolic health. Molecular Metabolism, 2018, 14, 60-70.	6.5	42
30	Long noncoding RNA licensing of obesity-linked hepatic lipogenesis and NAFLD pathogenesis. Nature Communications, 2018, 9, 2986.	12.8	122
31	PGC-1α Controls Skeletal Stem Cell Fate and Bone-Fat Balance in Osteoporosis and Skeletal Aging by Inducing TAZ. Cell Stem Cell, 2018, 23, 193-209.e5.	11.1	108
32	Slit2 Modulates the Inflammatory Phenotype of Orbit-Infiltrating Fibrocytes in Graves' Disease. Journal of Immunology, 2018, 200, 3942-3949.	0.8	31
33	CD34â~' Orbital Fibroblasts From Patients With Thyroid-Associated Ophthalmopathy Modulate TNF-α Expression in CD34+ Fibroblasts and Fibrocytes. , 2018, 59, 2615.		18
34	NRG1-Fc improves metabolic health via dual hepatic and central action. JCI Insight, 2018, 3, .	5.0	37
35	The Micro-Managing Fat: Exosomes as a New Messenger. Trends in Endocrinology and Metabolism, 2017, 28, 541-542.	7.1	7
36	Glucose Sensing by Skeletal Myocytes Couples Nutrient Signaling to Systemic Homeostasis. Molecular Cell, 2017, 66, 332-344.e4.	9.7	40

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37	Conserved function of the long noncoding RNA Blnc1 in brown adipocyte differentiation. Molecular Metabolism, 2017, 6, 101-110.	6.5	65
38	Zbtb7b engages the long noncoding RNA Blnc1 to drive brown and beige fat development and thermogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7111-E7120.	7.1	68
39	Nrg4 promotes fuel oxidation and a healthy adipokine profile to ameliorate diet-induced metabolic disorders. Molecular Metabolism, 2017, 6, 863-872.	6.5	97
40	Lipogenic transcription factor ChREBP mediates fructose-induced metabolic adaptations to prevent hepatotoxicity. Journal of Clinical Investigation, 2017, 127, 2855-2867.	8.2	79
41	Hepatic neuregulin 4 signaling defines an endocrine checkpoint for steatosis-to-NASH progression. Journal of Clinical Investigation, 2017, 127, 4449-4461.	8.2	127
42	CREBH Couples Circadian Clock With Hepatic Lipid Metabolism. Diabetes, 2016, 65, 3369-3383.	0.6	59
43	The brown fat secretome: metabolic functions beyond thermogenesis. Trends in Endocrinology and Metabolism, 2015, 26, 231-237.	7.1	164
44	The Liver Clock Controls Cholesterol Homeostasis through Trib1 Protein-mediated Regulation of PCSK9/Low Density Lipoprotein Receptor (LDLR) Axis. Journal of Biological Chemistry, 2015, 290, 31003-31012.	3.4	31
45	Long Noncoding RNAs: A New Regulatory Code in Metabolic Control. Trends in Biochemical Sciences, 2015, 40, 586-596.	7.5	164
46	A Diet-Sensitive BAF60a-Mediated Pathway Links Hepatic Bile Acid Metabolism to Cholesterol Absorption and Atherosclerosis. Cell Reports, 2015, 13, 1658-1669.	6.4	26
47	Periostin promotes liver steatosis and hypertriglyceridemia through downregulation of PPARα. Journal of Clinical Investigation, 2014, 124, 3501-3513.	8.2	110
48	Yin Yang 1 promotes hepatic steatosis through repression of farnesoid X receptor in obese mice. Gut, 2014, 63, 170-178.	12.1	87
49	Otopetrin 1 Protects Mice From Obesity-Associated Metabolic Dysfunction Through Attenuating Adipose Tissue Inflammation. Diabetes, 2014, 63, 1340-1352.	0.6	35
50	The Functional Pitch of an Organ: Quantification of Tissue Texture with Photoacoustic Spectrum Analysis. Radiology, 2014, 271, 248-254.	7.3	83
51	The brown fat–enriched secreted factor Nrg4 preserves metabolic homeostasis through attenuation of hepatic lipogenesis. Nature Medicine, 2014, 20, 1436-1443.	30.7	354
52	A Long Noncoding RNA Transcriptional Regulatory Circuit Drives Thermogenic Adipocyte Differentiation. Molecular Cell, 2014, 55, 372-382.	9.7	224
53	Metabolic Crosstalk: Molecular Links Between Glycogen and Lipid Metabolism in Obesity. Diabetes, 2014, 63, 2935-2948.	0.6	69
54	The Baf60c/Deptor Pathway Links Skeletal Muscle Inflammation to Glucose Homeostasis in Obesity. Diabetes, 2014, 63, 1533-1545.	0.6	40

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55	PGC-1 Coactivator Activity Is Required for Murine Erythropoiesis. Molecular and Cellular Biology, 2014, 34, 1956-1965.	2.3	22
56	Exercise Induces Hippocampal BDNF through a PGC-1α/FNDC5 Pathway. Cell Metabolism, 2013, 18, 649-659.	16.2	925
57	Autophagy Deficiency by Hepatic FIP200 Deletion Uncouples Steatosis From Liver Injury in NAFLD. Molecular Endocrinology, 2013, 27, 1643-1654.	3.7	95
58	Baf60c drives glycolytic metabolism in the muscle and improves systemic glucose homeostasis through Deptor-mediated Akt activation. Nature Medicine, 2013, 19, 640-645.	30.7	121
59	Inhibition of AMPK Catabolic Action by GSK3. Molecular Cell, 2013, 50, 407-419.	9.7	191
60	Stimulated Raman scattering imaging by continuous-wave laser excitation. Optics Letters, 2013, 38, 1479.	3.3	36
61	Peroxisome Proliferator-activated Receptor Î ³ Coactivator 1β (PGC-1β) Protein Attenuates Vascular Lesion Formation by Inhibition of Chromatin Loading of Minichromosome Maintenance Complex in Smooth Muscle Cells. Journal of Biological Chemistry, 2013, 288, 4625-4636.	3.4	8
62	KLF11 mediates PPARÎ ³ cerebrovascular protection in ischaemic stroke. Brain, 2013, 136, 1274-1287.	7.6	78
63	Functions of autophagy in normal and diseased liver. Autophagy, 2013, 9, 1131-1158.	9.1	384
64	STRUCTURAL INSIGHT INTO THE POLYMORPHISM OF NNQNTF PROTOFIBRIL: IMPORTANCE OF INTERFACIAL WATER, POLAR AND AROMATIC RESIDUES. Journal of Theoretical and Computational Chemistry, 2013, 12, 1341012.	1.8	0
65	The Biological Clock is Regulated by Adrenergic Signaling in Brown Fat but is Dispensable for Cold-Induced Thermogenesis. PLoS ONE, 2013, 8, e70109.	2.5	33
66	SEC24A deficiency lowers plasma cholesterol through reduced PCSK9 secretion. ELife, 2013, 2, e00444.	6.0	104
67	A MicroRNA Circuitry Links Macrophage Polarization to Metabolic Homeostasis. Circulation, 2012, 125, 2815-2817.	1.6	11
68	Circadian regulation of autophagy rhythm through transcription factor C/EBPβ. Autophagy, 2012, 8, 124-125.	9.1	25
69	Ubiquitin-Specific Protease 2 Regulates Hepatic Gluconeogenesis and Diurnal Glucose Metabolism Through 111²-Hydroxysteroid Dehydrogenase 1. Diabetes, 2012, 61, 1025-1035.	0.6	40
70	Circadian autophagy rhythm: a link between clock and metabolism?. Trends in Endocrinology and Metabolism, 2012, 23, 319-325.	7.1	75
71	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
72	Peroxisomal Localization and Circadian Regulation of Ubiquitin-Specific Protease 2. PLoS ONE, 2012, 7, e47970.	2.5	19

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73	Circadian Metabolic Regulation through Crosstalk between Casein Kinase 1δ and Transcriptional Coactivator PGC-1α. Molecular Endocrinology, 2011, 25, 2084-2093.	3.7	18
74	PGC-1 coactivators in the control of energy metabolism. Acta Biochimica Et Biophysica Sinica, 2011, 43, 248-257.	2.0	174
75	Temporal orchestration of circadian autophagy rhythm by C/EBPβ. EMBO Journal, 2011, 30, 4642-4651.	7.8	194
76	Parvalbumin Deficiency and GABAergic Dysfunction in Mice Lacking PGC-1α. Journal of Neuroscience, 2010, 30, 7227-7235.	3.6	96
77	Neuronal Inactivation of Peroxisome Proliferator-activated Receptor γ Coactivator 1α (PGC-1α) Protects Mice from Diet-induced Obesity and Leads to Degenerative Lesions. Journal of Biological Chemistry, 2010, 285, 39087-39095.	3.4	64
78	Regulation of Hepatic ApoC3 Expression by PGC-1β Mediates Hypolipidemic Effect of Nicotinic Acid. Cell Metabolism, 2010, 12, 411-419.	16.2	69
79	Celastrol Attenuates Hypertension-Induced Inflammation and Oxidative Stress in Vascular Smooth Muscle Cells via Induction of Heme Oxygenase-1. American Journal of Hypertension, 2010, 23, 895-903.	2.0	71
80	Molecular control of circadian metabolic rhythms. Journal of Applied Physiology, 2009, 107, 1959-1964.	2.5	26
81	A Sweet Path to Insulin Resistance Through PGC-1β. Cell Metabolism, 2009, 9, 215-216.	16.2	10
82	Minireview: The PGC-1 Coactivator Networks: Chromatin-Remodeling and Mitochondrial Energy Metabolism. Molecular Endocrinology, 2009, 23, 2-10.	3.7	88
83	Genome-wide Coactivation Analysis of PGC-1α Identifies BAF60a as a Regulator of Hepatic Lipid Metabolism. Cell Metabolism, 2008, 8, 105-117.	16.2	144
84	Integration of energy metabolism and the mammalian clock. Cell Cycle, 2008, 7, 453-457.	2.6	49
85	Paradoxical effects of increased expression of PGC-1α on muscle mitochondrial function and insulin-stimulated muscle glucose metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19926-19931.	7.1	257
86	Muscle-specific expression of PPARÎ ³ coactivator-1α improves exercise performance and increases peak oxygen uptake. Journal of Applied Physiology, 2008, 104, 1304-1312.	2.5	322
87	TEAD mediates YAP-dependent gene induction and growth control. Genes and Development, 2008, 22, 1962-1971.	5.9	1,943
88	Transcriptional coactivator PGC-1 \hat{l}_{\pm} integrates the mammalian clock and energy metabolism. Nature, 2007, 447, 477-481.	27.8	570
89	Suppression of Reactive Oxygen Species and Neurodegeneration by the PGC-1 Transcriptional Coactivators. Cell, 2006, 127, 397-408.	28.9	1,948
90	Complementary action of the PGC-1 coactivators in mitochondrial biogenesis and brown fat differentiation. Cell Metabolism, 2006, 3, 333-341.	16.2	548

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91	Hypomorphic mutation of PGC-1Î ² causes mitochondrial dysfunction and liver insulin resistance. Cell Metabolism, 2006, 4, 453-464.	16.2	162
92	Lipid Mediator Informatics and Proteomics in Inflammation-Resolution. Scientific World Journal, The, 2006, 6, 589-614.	2.1	31
93	Defects in energy homeostasis in Leigh syndrome French Canadian variant through PGC-1Â/LRP130 complex. Genes and Development, 2006, 20, 2996-3009.	5.9	86
94	PGC-1α protects skeletal muscle from atrophy by suppressing FoxO3 action and atrophy-specific gene transcription. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16260-16265.	7.1	841
95	Partnership of PGC-1α and HNF4α in the Regulation of Lipoprotein Metabolism*. Journal of Biological Chemistry, 2006, 281, 14683-14690.	3.4	76
96	Hyperlipidemic Effects of Dietary Saturated Fats Mediated through PGC-1Î ² Coactivation of SREBP. Cell, 2005, 120, 261-273.	28.9	579
97	Nutritional Regulation of Hepatic Heme Biosynthesis and Porphyria through PGC-1α. Cell, 2005, 122, 505-515.	28.9	347
98	Transcriptional coactivator PGC-1α controls the energy state and contractile function of cardiac muscle. Cell Metabolism, 2005, 1, 259-271.	16.2	608
99	Metabolic control through the PGC-1 family of transcription coactivators. Cell Metabolism, 2005, 1, 361-370.	16.2	1,826
100	Suppression of mitochondrial respiration through recruitment of p160 myb binding protein to PGC-1Â: modulation by p38 MAPK. Genes and Development, 2004, 18, 278-289.	5.9	263
101	Defects in Adaptive Energy Metabolism with CNS-Linked Hyperactivity in PGC-1α Null Mice. Cell, 2004, 119, 121-135.	28.9	1,074
102	PGC-1β in the Regulation of Hepatic Glucose and Energy Metabolism. Journal of Biological Chemistry, 2003, 278, 30843-30848.	3.4	212
103	An autoregulatory loop controls peroxisome proliferator-activated receptor γ coactivator 1α expression in muscle. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7111-7116.	7.1	633
104	Bioenergetic Analysis of Peroxisome Proliferator-activated Receptor γ Coactivators 1α and 1β (PGC-1α and) Tj	ETQ <u>q</u> 0 0 C) rgBT /Overlc
105	Peroxisome Proliferator-activated Receptor Î ³ Coactivator 1Î ² (PGC-1Î ²), A Novel PGC-1-related Transcription Coactivator Associated with Host Cell Factor. Journal of Biological Chemistry, 2002, 277, 1645-1648.	3.4	463
106	Reactivation of a Hematopoietic Endocrine Program of Pregnancy Contributes to Recovery from Thrombocytopenia. Molecular Endocrinology, 2002, 16, 1386-1393.	3.7	29
107	Transcriptional co-activator PGC-1Î \pm drives the formation of slow-twitch muscle fibres. Nature, 2002, 418, 797-801.	27.8	2,232

¹⁰⁸Cytokine Stimulation of Energy Expenditure through p38 MAP Kinase Activation of PPARÎ³ Coactivator-1.
Molecular Cell, 2001, 8, 971-982.9.7661

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109	Induction of Megakaryocyte Differentiation by a Novel Pregnancy-specific Hormone. Journal of Biological Chemistry, 1999, 274, 21485-21489.	3.4	42
110	A Novel Megakaryocyte Differentiation Factor from Mouse Placenta. Trends in Cardiovascular Medicine, 1999, 9, 167-171.	4.9	5
111	Identification of Trophoblast-Specific Regulatory Elements in the Mouse Placental Lactogen II Gene. Molecular Endocrinology, 1998, 12, 418-427.	3.7	15