

Bruce M Spiegelman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6060557/publications.pdf>

Version: 2024-02-01

153
papers

86,528
citations

2215

99
h-index

7348

152
g-index

164
all docs

164
docs citations

164
times ranked

70056
citing authors

#	ARTICLE	IF	CITATIONS
1	PGC-1 β -responsive genes involved in oxidative phosphorylation are coordinately downregulated in human diabetes. <i>Nature Genetics</i> , 2003, 34, 267-273.	21.4	8,185
2	A PGC1 β -dependent myokine that drives brown-fat-like development of white fat and thermogenesis. <i>Nature</i> , 2012, 481, 463-468.	27.8	3,646
3	Mechanisms Controlling Mitochondrial Biogenesis and Respiration through the Thermogenic Coactivator PGC-1. <i>Cell</i> , 1999, 98, 115-124.	28.9	3,545
4	A Cold-Inducible Coactivator of Nuclear Receptors Linked to Adaptive Thermogenesis. <i>Cell</i> , 1998, 92, 829-839.	28.9	3,376
5	Stimulation of adipogenesis in fibroblasts by PPAR γ 2, a lipid-activated transcription factor. <i>Cell</i> , 1994, 79, 1147-1156.	28.9	3,322
6	15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J2 is a ligand for the adipocyte determination factor PPAR γ 3. <i>Cell</i> , 1995, 83, 803-812.	28.9	2,811
7	Beige Adipocytes Are a Distinct Type of Thermogenic Fat Cell in Mouse and Human. <i>Cell</i> , 2012, 150, 366-376.	28.9	2,740
8	Transcriptional co-activator PGC-1 β drives the formation of slow-twitch muscle fibres. <i>Nature</i> , 2002, 418, 797-801.	27.8	2,232
9	Obesity and the Regulation of Energy Balance. <i>Cell</i> , 2001, 104, 531-543.	28.9	2,108
10	PRDM16 controls a brown fat/skeletal muscle switch. <i>Nature</i> , 2008, 454, 961-967.	27.8	1,997
11	Adipocytes as regulators of energy balance and glucose homeostasis. <i>Nature</i> , 2006, 444, 847-853.	27.8	1,810
12	Peroxisome Proliferator-Activated Receptor- γ 3 Coactivator 1 β (PGC-1 β): Transcriptional Coactivator and Metabolic Regulator. <i>Endocrine Reviews</i> , 2003, 24, 78-90.	20.1	1,809
13	PPAR γ 3 Is Required for the Differentiation of Adipose Tissue In Vivo and In Vitro. <i>Molecular Cell</i> , 1999, 4, 611-617.	9.7	1,804
14	What We Talk About When We Talk About Fat. <i>Cell</i> , 2014, 156, 20-44.	28.9	1,789
15	Fat and Beyond: The Diverse Biology of PPAR γ 3. <i>Annual Review of Biochemistry</i> , 2008, 77, 289-312.	11.1	1,757
16	Control of hepatic gluconeogenesis through the transcriptional coactivator PGC-1. <i>Nature</i> , 2001, 413, 131-138.	27.8	1,640
17	Towards a molecular understanding of adaptive thermogenesis. <i>Nature</i> , 2000, 404, 652-660.	27.8	1,434
18	FGF21 regulates PGC-1 β and browning of white adipose tissues in adaptive thermogenesis. <i>Genes and Development</i> , 2012, 26, 271-281.	5.9	1,265

#	ARTICLE	IF	CITATIONS
19	CREB regulates hepatic gluconeogenesis through the coactivator PGC-1. <i>Nature</i> , 2001, 413, 179-183.	27.8	1,238
20	Adipogenesis and Obesity: Rounding Out the Big Picture. <i>Cell</i> , 1996, 87, 377-389.	28.9	1,212
21	C/EBP β induces adipogenesis through PPAR γ : a unified pathway. <i>Genes and Development</i> , 2002, 16, 22-26.	5.9	1,207
22	Molecular Regulation of Adipogenesis. <i>Annual Review of Cell and Developmental Biology</i> , 2000, 16, 145-171.	9.4	1,133
23	Defects in Adaptive Energy Metabolism with CNS-Linked Hyperactivity in PGC-1 β Null Mice. <i>Cell</i> , 2004, 119, 121-135.	28.9	1,074
24	Prdm16 determines the thermogenic program of subcutaneous white adipose tissue in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 96-105.	8.2	1,036
25	Transcriptional Control of Brown Fat Determination by PRDM16. <i>Cell Metabolism</i> , 2007, 6, 38-54.	16.2	996
26	Peroxisome Proliferator-Activated Receptor γ Coactivator 1 Coactivators, Energy Homeostasis, and Metabolism. <i>Endocrine Reviews</i> , 2006, 27, 728-735.	20.1	986
27	Differentiation and reversal of malignant changes in colon cancer through PPAR γ . <i>Nature Medicine</i> , 1998, 4, 1046-1052.	30.7	933
28	Exercise Induces Hippocampal BDNF through a PGC-1 β /FNDC5 Pathway. <i>Cell Metabolism</i> , 2013, 18, 649-659.	16.2	925
29	Cross-Regulation of C/EBP β and PPAR γ Controls the Transcriptional Pathway of Adipogenesis and Insulin Sensitivity. <i>Molecular Cell</i> , 1999, 3, 151-158.	9.7	908
30	PGC-1 β protects skeletal muscle from atrophy by suppressing FoxO3 action and atrophy-specific gene transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16260-16265.	7.1	841
31	PAX8-PPAR γ Fusion in Oncogene Human Thyroid Carcinoma. <i>Science</i> , 2000, 289, 1357-1360.	12.6	798
32	Anti-diabetic drugs inhibit obesity-linked phosphorylation of PPAR γ by Cdk5. <i>Nature</i> , 2010, 466, 451-456.	27.8	793
33	Terminal Differentiation of Human Breast Cancer through PPAR γ . <i>Molecular Cell</i> , 1998, 1, 465-470.	9.7	779
34	Brown and Beige Fat: Physiological Roles beyond Heat Generation. <i>Cell Metabolism</i> , 2015, 22, 546-559.	16.2	763
35	Molecular mechanisms of cancer development in obesity. <i>Nature Reviews Cancer</i> , 2011, 11, 886-895.	28.4	733
36	Ablation of PRDM16 and Beige Adipose Causes Metabolic Dysfunction and a Subcutaneous to Visceral Fat Switch. <i>Cell</i> , 2014, 156, 304-316.	28.9	719

#	ARTICLE	IF	CITATIONS
37	Adaptive thermogenesis in adipocytes: Is beige the new brown?. <i>Genes and Development</i> , 2013, 27, 234-250.	5.9	700
38	Meteorin-like Is a Hormone that Regulates Immune-Adipose Interactions to Increase Beige Fat Thermogenesis. <i>Cell</i> , 2014, 157, 1279-1291.	28.9	699
39	PPAR β agonists Induce a White-to-Brown Fat Conversion through Stabilization of PRDM16 Protein. <i>Cell Metabolism</i> , 2012, 15, 395-404.	16.2	658
40	Initiation of myoblast to brown fat switch by a PRDM16/C/EBP β transcriptional complex. <i>Nature</i> , 2009, 460, 1154-1158.	27.8	620
41	Transcriptional coactivator PGC-1 α controls the energy state and contractile function of cardiac muscle. <i>Cell Metabolism</i> , 2005, 1, 259-271.	16.2	608
42	A Creatine-Driven Substrate Cycle Enhances Energy Expenditure and Thermogenesis in Beige Fat. <i>Cell</i> , 2015, 163, 643-655.	28.9	575
43	Complementary action of the PGC-1 coactivators in mitochondrial biogenesis and brown fat differentiation. <i>Cell Metabolism</i> , 2006, 3, 333-341.	16.2	548
44	A PGC-1 α Isoform Induced by Resistance Training Regulates Skeletal Muscle Hypertrophy. <i>Cell</i> , 2012, 151, 1319-1331.	28.9	548
45	Combined adult neurogenesis and BDNF mimic exercise effects on cognition in an Alzheimer's mouse model. <i>Science</i> , 2018, 361, .	12.6	536
46	Skeletal Muscle Fiber-type Switching, Exercise Intolerance, and Myopathy in PGC-1 α Muscle-specific Knock-out Animals. <i>Journal of Biological Chemistry</i> , 2007, 282, 30014-30021.	3.4	530
47	Tumour-derived PTH-related protein triggers adipose tissue browning and cancer cachexia. <i>Nature</i> , 2014, 513, 100-104.	27.8	515
48	β -Aminoisobutyric Acid Induces Browning of White Fat and Hepatic β -Oxidation and Is Inversely Correlated with Cardiometabolic Risk Factors. <i>Cell Metabolism</i> , 2014, 19, 96-108.	16.2	489
49	Loss-of-Function Mutations in PPAR β Associated with Human Colon Cancer. <i>Molecular Cell</i> , 1999, 3, 799-804.	9.7	485
50	Antidiabetic actions of a non-agonist PPAR β ligand blocking Cdk5-mediated phosphorylation. <i>Nature</i> , 2011, 477, 477-481.	27.8	484
51	The role of PPAR β in macrophage differentiation and cholesterol uptake. <i>Nature Medicine</i> , 2001, 7, 41-47.	30.7	476
52	p38 Mitogen-Activated Protein Kinase Is the Central Regulator of Cyclic AMP-Dependent Transcription of the Brown Fat Uncoupling Protein 1 Gene. <i>Molecular and Cellular Biology</i> , 2004, 24, 3057-3067.	2.3	473
53	New Advances in Adaptive Thermogenesis: UCP1 and Beyond. <i>Cell Metabolism</i> , 2019, 29, 27-37.	16.2	451
54	Transcriptional control of preadipocyte determination by Zfp423. <i>Nature</i> , 2010, 464, 619-623.	27.8	438

#	ARTICLE	IF	CITATIONS
55	Detection and Quantitation of Circulating Human Irisin by Tandem Mass Spectrometry. <i>Cell Metabolism</i> , 2015, 22, 734-740.	16.2	414
56	Regulation of the brown and white fat gene programs through a PRDM16/CtBP transcriptional complex. <i>Genes and Development</i> , 2008, 22, 1397-1409.	5.9	393
57	A Smooth Muscle-Like Origin for Beige Adipocytes. <i>Cell Metabolism</i> , 2014, 19, 810-820.	16.2	373
58	Irisin Mediates Effects on Bone and Fat via $\alpha 5 \beta 1$ Integrin Receptors. <i>Cell</i> , 2018, 175, 1756-1768.e17.	28.9	372
59	Zfp423 Expression Identifies Committed Preadipocytes and Localizes to Adipose Endothelial and Perivascular Cells. <i>Cell Metabolism</i> , 2012, 15, 230-239.	16.2	362
60	Adipocyte-specific transcription factor ARF6 is a heterodimeric complex of two nuclear hormone receptors, PPAR γ and RXR α . <i>Nucleic Acids Research</i> , 1994, 22, 5628-5634.	14.5	352
61	Adipose tissue reduction in mice lacking the translational inhibitor 4E-BP1. <i>Nature Medicine</i> , 2001, 7, 1128-1132.	30.7	341
62	Mitochondrial ROS regulate thermogenic energy expenditure and sulfenylation of UCP1. <i>Nature</i> , 2016, 532, 112-116.	27.8	341
63	Degradation of the Peroxisome Proliferator-activated Receptor $\gamma 3$ Is Linked to Ligand-dependent Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 18527-18533.	3.4	327
64	Biological Control through Regulated Transcriptional Coactivators. <i>Cell</i> , 2004, 119, 157-167.	28.9	314
65	PGC-1 α regulates the neuromuscular junction program and ameliorates Duchenne muscular dystrophy. <i>Genes and Development</i> , 2007, 21, 770-783.	5.9	307
66	TRPV4 Is a Regulator of Adipose Oxidative Metabolism, Inflammation, and Energy Homeostasis. <i>Cell</i> , 2012, 151, 96-110.	28.9	292
67	Adipsin Is an Adipokine that Improves $\beta 2$ Cell Function in Diabetes. <i>Cell</i> , 2014, 158, 41-53.	28.9	284
68	An ERK/Cdk5 axis controls the diabetogenic actions of PPAR $\gamma 3$. <i>Nature</i> , 2015, 517, 391-395.	27.8	251
69	Transcriptional control of brown adipocyte development and physiological function of mice and men. <i>Genes and Development</i> , 2009, 23, 788-797.	5.9	250
70	Development of insulin resistance in mice lacking PGC-1 α in adipose tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9635-9640.	7.1	248
71	TNF- α and insulin resistance: Summary and future prospects. , 1998, 182, 169-175.		242
72	IRF4 Is a Key Thermogenic Transcriptional Partner of PGC-1 α . <i>Cell</i> , 2014, 158, 69-83.	28.9	239

#	ARTICLE	IF	CITATIONS
73	PTH/PTHrP Receptor Mediates Cachexia in Models of Kidney Failure and Cancer. <i>Cell Metabolism</i> , 2016, 23, 315-323.	16.2	234
74	Functional Antagonism between CCAAT/Enhancer Binding Protein-1 α and Peroxisome Proliferator-activated Receptor-1 β on the Leptin Promoter. <i>Journal of Biological Chemistry</i> , 1997, 272, 5283-5290.	3.4	221
75	Brown and Beige Fat: Molecular Parts of a Thermogenic Machine. <i>Diabetes</i> , 2015, 64, 2346-2351.	0.6	220
76	Use of the Peroxisome Proliferator-Activated Receptor (PPAR) 1 β Ligand Troglitazone as Treatment for Refractory Breast Cancer: A Phase II Study. <i>Breast Cancer Research and Treatment</i> , 2003, 79, 391-397.	2.5	212
77	Fat cells directly sense temperature to activate thermogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12480-12485.	7.1	208
78	Modulation of Estrogen Receptor-1 α Transcriptional Activity by the Coactivator PGC-1. <i>Journal of Biological Chemistry</i> , 2000, 275, 16302-16308.	3.4	193
79	The Secreted Enzyme PM20D1 Regulates Lipidated Amino Acid Uncouplers of Mitochondria. <i>Cell</i> , 2016, 166, 424-435.	28.9	188
80	Genetic Depletion of Adipocyte Creatine Metabolism Inhibits Diet-Induced Thermogenesis and Drives Obesity. <i>Cell Metabolism</i> , 2017, 26, 660-671.e3.	16.2	187
81	H ⁺ transport is an integral function of the mitochondrial ADP/ATP carrier. <i>Nature</i> , 2019, 571, 515-520.	27.8	183
82	Mitochondrial Patch Clamp of Beige Adipocytes Reveals UCP1-Positive and UCP1-Negative Cells Both Exhibiting Futile Creatine Cycling. <i>Cell Metabolism</i> , 2017, 25, 811-822.e4.	16.2	174
83	Cell biology of fat storage. <i>Molecular Biology of the Cell</i> , 2016, 27, 2523-2527.	2.1	162
84	Elevated PGC-1 α Activity Sustains Mitochondrial Biogenesis and Muscle Function without Extending Survival in a Mouse Model of Inherited ALS. <i>Cell Metabolism</i> , 2012, 15, 778-786.	16.2	158
85	Appearance and disappearance of the mRNA signature characteristic of T-reg cells in visceral adipose tissue: Age, diet, and PPAR1 β effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 482-487.	7.1	156
86	CD81 Controls Beige Fat Progenitor Cell Growth and Energy Balance via FAK Signaling. <i>Cell</i> , 2020, 182, 563-577.e20.	28.9	156
87	Brown Adipose Tissue Controls Skeletal Muscle Function via the Secretion of Myostatin. <i>Cell Metabolism</i> , 2018, 28, 631-643.e3.	16.2	147
88	UCP1 deficiency causes brown fat respiratory chain depletion and sensitizes mitochondria to calcium overload-induced dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7981-7986.	7.1	136
89	Innervation of thermogenic adipose tissue via a calcyntenin-1 β -S100b axis. <i>Nature</i> , 2019, 569, 229-235.	27.8	136
90	Exercise hormone irisin is a critical regulator of cognitive function. <i>Nature Metabolism</i> , 2021, 3, 1058-1070.	11.9	134

#	ARTICLE	IF	CITATIONS
91	Transcriptional activation of adipogenesis. <i>Current Opinion in Cell Biology</i> , 1999, 11, 689-694.	5.4	127
92	Rosiglitazone versus placebo for men with prostate carcinoma and a rising serum prostate-specific antigen level after radical prostatectomy and/or radiation therapy. <i>Cancer</i> , 2004, 101, 1569-1574.	4.1	126
93	1-Butyryl-Glycerol: A novel angiogenesis factor secreted by differentiating adipocytes. <i>Cell</i> , 1990, 61, 223-230.	28.9	124
94	Synergy between PPAR β Ligands and Platinum-Based Drugs in Cancer. <i>Cancer Cell</i> , 2007, 11, 395-406.	16.8	122
95	A Secreted Slit2 Fragment Regulates Adipose Tissue Thermogenesis and Metabolic Function. <i>Cell Metabolism</i> , 2016, 23, 454-466.	16.2	122
96	PGC-1 α regulates a HIF2 α -dependent switch in skeletal muscle fiber types. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21866-21871.	7.1	121
97	Banting Lecture 2012. <i>Diabetes</i> , 2013, 62, 1774-1782.	0.6	119
98	β T cells and adipocyte IL-17RC control fat innervation and thermogenesis. <i>Nature</i> , 2020, 578, 610-614.	27.8	117
99	Ablation of adipocyte creatine transport impairs thermogenesis and causes diet-induced obesity. <i>Nature Metabolism</i> , 2019, 1, 360-370.	11.9	103
100	Creatine kinase B controls futile creatine cycling in thermogenic fat. <i>Nature</i> , 2021, 590, 480-485.	27.8	102
101	Transcriptional control of mitochondrial energy metabolism through the PGC1 coactivators. <i>Novartis Foundation Symposium</i> , 2007, 287, 60-3; discussion 63-9.	1.1	102
102	Adipsin preserves beta cells in diabetic mice and associates with protection from type 2 diabetes in humans. <i>Nature Medicine</i> , 2019, 25, 1739-1747.	30.7	100
103	G protein-coupled receptor 56 regulates mechanical overload-induced muscle hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15756-15761.	7.1	95
104	A Novel Therapeutic Approach to Treating Obesity through Modulation of TGF β 2 Signaling. <i>Endocrinology</i> , 2012, 153, 3133-3146.	2.8	94
105	Combined Training Enhances Skeletal Muscle Mitochondrial Oxidative Capacity Independent of Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1654-1663.	3.6	94
106	Meteorin-like facilitates skeletal muscle repair through a Stat3/IGF-1 mechanism. <i>Nature Metabolism</i> , 2020, 2, 278-289.	11.9	87
107	Regression of Drug-Resistant Lung Cancer by the Combination of Rosiglitazone and Carboplatin. <i>Clinical Cancer Research</i> , 2008, 14, 6478-6486.	7.0	77
108	Mitochondrial reactive oxygen species and adipose tissue thermogenesis: Bridging physiology and mechanisms. <i>Journal of Biological Chemistry</i> , 2017, 292, 16810-16816.	3.4	77

#	ARTICLE	IF	CITATIONS
109	Lysine-specific demethylase 1 promotes brown adipose tissue thermogenesis via repressing glucocorticoid activation. <i>Genes and Development</i> , 2016, 30, 1822-1836.	5.9	73
110	Crosstalk between KCNK3-Mediated Ion Current and Adrenergic Signaling Regulates Adipose Thermogenesis and Obesity. <i>Cell</i> , 2017, 171, 836-848.e13.	28.9	69
111	Irisin directly stimulates osteoclastogenesis and bone resorption in vitro and in vivo. <i>ELife</i> , 2020, 9, .	6.0	68
112	Cachexia and Brown Fat: A Burning Issue in Cancer. <i>Trends in Cancer</i> , 2016, 2, 461-463.	7.4	65
113	Mitochondrial TNAP controls thermogenesis by hydrolysis of phosphocreatine. <i>Nature</i> , 2021, 593, 580-585.	27.8	64
114	Identification of a fat cell enhancer: Analysis of requirements for adipose tissue-specific gene expression. <i>Journal of Cellular Biochemistry</i> , 1992, 49, 219-224.	2.6	63
115	Opposing activities of c-Fos and Fra-2 on AP-1 regulated transcriptional activity in mouse keratinocytes induced to differentiate by calcium and phorbol esters. <i>Oncogene</i> , 1997, 15, 1337-1346.	5.9	63
116	Tumor-Derived Ligands Trigger Tumor Growth and Host Wasting via Differential MEK Activation. <i>Developmental Cell</i> , 2019, 48, 277-286.e6.	7.0	59
117	Isthmin-1 is an adipokine that promotes glucose uptake and improves glucose tolerance and hepatic steatosis. <i>Cell Metabolism</i> , 2021, 33, 1836-1852.e11.	16.2	56
118	Obesity-Linked PPAR β S273 Phosphorylation Promotes Insulin Resistance through Growth Differentiation Factor 3. <i>Cell Metabolism</i> , 2020, 32, 665-675.e6.	16.2	53
119	Thrap3 docks on phosphoserine 273 of PPAR β and controls diabetic gene programming. <i>Genes and Development</i> , 2014, 28, 2361-2369.	5.9	52
120	Transcriptional Control of Energy Homeostasis through the PGC1 Coactivators. <i>Novartis Foundation Symposium</i> , 0, , 3-12.	1.1	47
121	Noncanonical agonist PPAR β ligands modulate the response to DNA damage and sensitize cancer cells to cytotoxic chemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 561-566.	7.1	45
122	An Evolutionarily Conserved uORF Regulates PGC1 α and Oxidative Metabolism in Mice, Flies, and Bluefin Tuna. <i>Cell Metabolism</i> , 2019, 30, 190-200.e6.	16.2	45
123	Ablation of PM20D1 reveals N-acyl amino acid control of metabolism and nociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6937-E6945.	7.1	43
124	Regulation of Alternative Pathway Activation and C3a Production by Adipose Cells. <i>Obesity</i> , 1996, 4, 521-522.	4.0	38
125	PGC-1 Coactivators and the Regulation of Skeletal Muscle Fiber-Type Determination. <i>Cell Metabolism</i> , 2011, 13, 351.	16.2	38
126	Heparin potentiation of 3T3-adipocyte stimulated angiogenesis: Mechanisms of action on endothelial cells. <i>Journal of Cellular Physiology</i> , 1986, 127, 323-329.	4.1	36

#	ARTICLE	IF	CITATIONS
127	DNA-binding activity of jun is increased through its interaction with Fos. <i>Journal of Cellular Biochemistry</i> , 1990, 42, 193-206.	2.6	36
128	The future of brown adipose tissues in the treatment of type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 1704-1707.	6.3	36
129	Transcriptional control of energy homeostasis through the PGC1 coactivators. <i>Novartis Foundation Symposium</i> , 2007, 286, 3-6; discussion 6-12, 162-3, 196-203.	1.1	31
130	Irisin ERKs the Fat. <i>Diabetes</i> , 2014, 63, 381-383.	0.6	30
131	Facultative protein selenation regulates redox sensitivity, adipose tissue thermogenesis, and obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10789-10796.	7.1	30
132	Cysteine 253 of UCP1 regulates energy expenditure and sex-dependent adipose tissue inflammation. <i>Cell Metabolism</i> , 2022, 34, 140-157.e8.	16.2	27
133	SnapShot: Regulation and biology of PGC-1 β . <i>Cell</i> , 2022, 185, 1444-1444.e1.	28.9	25
134	Do Adipocytes Emerge from Mural Progenitors?. <i>Cell Stem Cell</i> , 2017, 20, 585-586.	11.1	20
135	Discovery of Hydrolysis-Resistant Isoindoline <i>N</i> -Acyl Amino Acid Analogues that Stimulate Mitochondrial Respiration. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3224-3230.	6.4	20
136	Inhibition of complement alternative pathway in mice with Fab antibody to recombinant adipsin/factor D. <i>European Journal of Immunology</i> , 1993, 23, 1389-1392.	2.9	15
137	No evidence for brown adipose tissue activation after creatine supplementation in adult vegetarians. <i>Nature Metabolism</i> , 2021, 3, 107-117.	11.9	15
138	c-Fos Deficiency Inhibits Induction of mRNA for Some, but Not All, Neurotransmitter Biosynthetic Enzymes by Immobilization Stress. <i>Journal of Neurochemistry</i> , 1998, 70, 1935-1940.	3.9	14
139	Boström et al. reply. <i>Nature</i> , 2012, 488, E10-E11.	27.8	14
140	Confounding issues in the "humanized" BAT of mice. <i>Nature Metabolism</i> , 2020, 2, 303-304.	11.9	12
141	A Plasma Protein Network Regulates PM2OD1 and N-Acyl Amino Acid Bioactivity. <i>Cell Chemical Biology</i> , 2020, 27, 1130-1139.e4.	5.2	11
142	Response to Comment on Wu and Spiegelman. Irisin ERKs the Fat. <i>Diabetes</i> 2014;63:381-383. <i>Diabetes</i> , 2014, 63, e17-e17.	0.6	7
143	The Cancer Drug Dasatinib Increases PGC-1 β in Adipose Tissue but Has Adverse Effects on Glucose Tolerance in Obese Mice. <i>Endocrinology</i> , 2016, 157, 4184-4191.	2.8	5
144	Mechanism of futile creatine cycling in thermogenesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E947-E949.	3.5	3

#	ARTICLE	IF	CITATIONS
145	Measurement of Futile Creatine Cycling Using Respirometry. <i>Methods in Molecular Biology</i> , 2022, 2448, 141-153.	0.9	3
146	Transgenic Mouse Models of Disease: Altering Adipose Tissue Function in Vivo. <i>Annals of the New York Academy of Sciences</i> , 1995, 758, 297-313.	3.8	2
147	A novel PGC α isoform induced by resistance training regulates skeletal muscle hypertrophy. <i>FASEB Journal</i> , 2013, 27, 940.18.	0.5	1
148	Chair's Introduction. <i>Novartis Foundation Symposium</i> , 0, , 1-2.	1.1	0
149	Rb Intrinsically Promotes Erythropoiesis by Coupling Cell Cycle Exit with Mitochondrial Biogenesis.. <i>Blood</i> , 2007, 110, 638-638.	1.4	0
150	PGC α is required for exercise-induced mitochondrial biogenesis, but not fiber type transformation, in skeletal muscle. <i>FASEB Journal</i> , 2008, 22, 754.17.	0.5	0
151	Transcriptional Control of Brown Adipogenesis and Energy Homeostasis. <i>FASEB Journal</i> , 2010, 24, 303.4.	0.5	0
152	Irisin Mediates Effects on Bone via α V Integrin Receptors. <i>FASEB Journal</i> , 2019, 33, 15.2.	0.5	0
153	Role of Mitochondrial TNAP in Thermogenesis and Obesity. <i>FASEB Journal</i> , 2022, 36, .	0.5	0