

Paul Cohen

List of Publications by Year in descending order

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42
papers

7,976
citations

147801

31
h-index

302126

39
g-index

49
all docs

49
docs citations

49
times ranked

11559
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Molecular mechanisms of cancer development in obesity. <i>Nature Reviews Cancer</i> , 2011, 11, 886-895.	28.4	733
3	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
4	Adaptive thermogenesis in adipocytes: Is beige the new brown?. <i>Genes and Development</i> , 2013, 27, 234-250.	5.9	700
5	A Creatine-Driven Substrate Cycle Enhances Energy Expenditure and Thermogenesis in Beige Fat. <i>Cell</i> , 2015, 163, 643-655.	28.9	575
6	Tumour-derived PTH-related protein triggers adipose tissue browning and cancer cachexia. <i>Nature</i> , 2014, 513, 100-104.	27.8	515
7	Brown adipose tissue is associated with cardiometabolic health. <i>Nature Medicine</i> , 2021, 27, 58-65.	30.7	332
8	Adipsin Is an Adipokine that Improves β^2 Cell Function in Diabetes. <i>Cell</i> , 2014, 158, 41-53.	28.9	284
9	Obesity, Adipose Tissue and Vascular Dysfunction. <i>Circulation Research</i> , 2021, 128, 951-968.	4.5	243
10	IRF4 Is a Key Thermogenic Transcriptional Partner of PGC-1 β . <i>Cell</i> , 2014, 158, 69-83.	28.9	239
11	Brown and Beige Fat: Molecular Parts of a Thermogenic Machine. <i>Diabetes</i> , 2015, 64, 2346-2351.	0.6	220
12	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
13	Three-Dimensional Adipose Tissue Imaging Reveals Regional Variation in Beige Fat Biogenesis and PRDM16-Dependent Sympathetic Neurite Density. <i>Cell Metabolism</i> , 2018, 27, 226-236.e3.	16.2	208
14	The cellular and functional complexity of thermogenic fat. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 393-409.	37.0	203
15	Coronary Artery Aneurysms. <i>Cardiology in Review</i> , 2008, 16, 301-304.	1.4	172
16	A leptin β -BDNF pathway regulating sympathetic innervation of adipose tissue. <i>Nature</i> , 2020, 583, 839-844.	27.8	161
17	Appearance and disappearance of the mRNA signature characteristic of T _{reg} cells in visceral adipose tissue: Age, diet, and PPAR γ^3 effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 482-487.	7.1	156
18	A PRDM16-Driven Metabolic Signal from Adipocytes Regulates Precursor Cell Fate. <i>Cell Metabolism</i> , 2019, 30, 174-189.e5.	16.2	141

#	ARTICLE	IF	CITATIONS
19	Repression of Adipose Tissue Fibrosis through a PRDM16-GTF2IRD1 Complex Improves Systemic Glucose Homeostasis. <i>Cell Metabolism</i> , 2018, 27, 180-194.e6.	16.2	133
20	A Secreted Slit2 Fragment Regulates Adipose Tissue Thermogenesis and Metabolic Function. <i>Cell Metabolism</i> , 2016, 23, 454-466.	16.2	122
21	Creatine metabolism: energy homeostasis, immunity and cancer biology. <i>Nature Reviews Endocrinology</i> , 2020, 16, 421-436.	9.6	103
22	Vasculature-associated fat macrophages readily adapt to inflammatory and metabolic challenges. <i>Journal of Experimental Medicine</i> , 2019, 216, 786-806.	8.5	100
23	Insights into the Link Between Obesity and Cancer. <i>Current Obesity Reports</i> , 2017, 6, 195-203.	8.4	86
24	The Multifaceted Roles of PRDM16: Adipose Biology and Beyond. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 11-23.	7.1	84
25	Role of Perivascular Adipose Tissue in Vascular Physiology and Pathology. <i>Hypertension</i> , 2017, 69, 770-777.	2.7	62
26	Creatine-mediated crosstalk between adipocytes and cancer cells regulates obesity-driven breast cancer. <i>Cell Metabolism</i> , 2021, 33, 499-512.e6.	16.2	61
27	Single-Cell RNA Profiling Reveals Adipocyte to Macrophage Signaling Sufficient to Enhance Thermogenesis. <i>Cell Reports</i> , 2020, 32, 107998.	6.4	60
28	Brown adipose tissue is associated with healthier body fat distribution and metabolic benefits independent of regional adiposity. <i>Cell Reports Medicine</i> , 2021, 2, 100332.	6.5	51
29	Adipose crosstalk with other cell types in health and disease. <i>Experimental Cell Research</i> , 2017, 360, 6-11.	2.6	50
30	Adipo-Clear: A Tissue Clearing Method for Three-Dimensional Imaging of Adipose Tissue. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	46
31	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
32	Neurotensin is an anti-thermogenic peptide produced by lymphatic endothelial cells. <i>Cell Metabolism</i> , 2021, 33, 1449-1465.e6.	16.2	38
33	Three-Dimensional Imaging Provides Detailed Atherosclerotic Plaque Morphology and Reveals Angiogenesis After Carotid Artery Ligation. <i>Circulation Research</i> , 2020, 126, 619-632.	4.5	25
34	Early postnatal interactions between beige adipocytes and sympathetic neurites regulate innervation of subcutaneous fat. <i>ELife</i> , 2021, 10, .	6.0	24
35	How does obesity lead to insulin resistance?. <i>ELife</i> , 2017, 6, .	6.0	17
36	Defective insulin-stimulated GLUT4 translocation in brown adipocytes induces systemic glucose homeostasis dysregulation independent of thermogenesis in female mice. <i>Molecular Metabolism</i> , 2021, 53, 101305.	6.5	11

#	ARTICLE	IF	CITATIONS
37	In Vitro Approaches to Model and Study Communication Between Adipose Tissue and the Liver. <i>Methods in Molecular Biology</i> , 2017, 1566, 151-158.	0.9	2
38	Therapeutic radiation exposure of the abdomen during childhood induces chronic adipose tissue dysfunction. <i>JCI Insight</i> , 2021, 6, .	5.0	2
39	A Clearing Method for Three-Dimensional Imaging of Adipose Tissue. <i>Methods in Molecular Biology</i> , 2022, 2448, 73-82.	0.9	1
40	Thermogenic fat. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1-2.	2.4	0
41	Beige fat is dispensable for the metabolic benefits associated with myostatin deletion. <i>Molecular Metabolism</i> , 2021, 43, 101120.	6.5	0
42	Three-Dimensional Visualization of Atherosclerotic Vessels by Tissue Clearing and Light-Sheet Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2022, 2419, 841-851.	0.9	0