

Sheila Collins

List of Publications by Year in descending order

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papers

2,996
citations

304743

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477307

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docs citations

37
times ranked

4376
citing authors

#	ARTICLE	IF	CITATIONS
1	β 2-Adrenergic Receptors and Adipose Tissue Metabolism: Evolution of an Old Story. Annual Review of Physiology, 2022, 84, 1-16.	13.1	32
2	Unexpectedly Low Natriuretic Peptide Levels in Patients With Heart Failure. JACC: Heart Failure, 2021, 9, 192-200.	4.1	32
3	The Glucagon-Like Peptide 1 Receptor Agonist Liraglutide Stimulates Mechanistic Target of Rapamycin (mTOR) Signaling via PKA And Akt. Journal of the Endocrine Society, 2021, 5, A510-A511.	0.2	0
4	Diet-dependent natriuretic peptide receptor C expression in adipose tissue is mediated by PPAR β via long-range distal enhancers. Journal of Biological Chemistry, 2021, 297, 100941.	3.4	10
5	Increased Energy Expenditure and Protection From Diet-Induced Obesity in Mice Lacking the cGMP-Specific Phosphodiesterase PDE9. Diabetes, 2021, 70, 2823-2836.	0.6	8
6	Inhibition of phosphodiesterase type 9 reduces obesity and cardiometabolic syndrome in mice. Journal of Clinical Investigation, 2021, 131, .	8.2	16
7	Abstract 8914: Selective Phosphodiesterase-9 Inhibition With IMR-687 Mitigates Cardiac Hypertrophy and Renal Injury in Preclinical Mouse Models of Heart Failure With Preserved Ejection Fraction. Circulation, 2021, 144, .	1.6	0
8	Manipulation of Dietary Amino Acids Prevents and Reverses Obesity in Mice Through Multiple Mechanisms That Modulate Energy Homeostasis. Diabetes, 2020, 69, 2324-2339.	0.6	25
9	Control of Adipocyte Thermogenesis and Lipogenesis through β 3-Adrenergic and Thyroid Hormone Signal Integration. Cell Reports, 2020, 31, 107598.	6.4	37
10	The scaffold protein p62 regulates adaptive thermogenesis through ATF2 nuclear target activation. Nature Communications, 2020, 11, 2306.	12.8	21
11	Research Priorities for Heart Failure With Preserved Ejection Fraction. Circulation, 2020, 141, 1001-1026.	1.6	239
12	A compendium of G-protein-coupled receptors and cyclic nucleotide regulation of adipose tissue metabolism and energy expenditure. Clinical Science, 2020, 134, 473-512.	4.3	34
13	Unknown actor in adipose tissue metabolism hiding in plain sight. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17145-17146.	7.1	0
14	Natriuretic peptide receptor C contributes to disproportionate right ventricular hypertrophy in a rodent model of obesity-induced heart failure with preserved ejection fraction with pulmonary hypertension. Pulmonary Circulation, 2019, 9, 204589401987859.	1.7	20
15	Cardiac natriuretic peptides promote adipose "browning" through mTOR complex-1. Molecular Metabolism, 2018, 9, 192-198.	6.5	59
16	Brown Adipose Tissue and Body Weight Regulation. Contemporary Endocrinology, 2018, , 117-132.	0.1	2
17	HDAC11 suppresses the thermogenic program of adipose tissue via BRD2. JCI Insight, 2018, 3, .	5.0	65
18	Second messenger signaling mechanisms of the brown adipocyte thermogenic program: an integrative perspective. Hormone Molecular Biology and Clinical Investigation, 2017, 31, .	0.7	30

#	ARTICLE	IF	CITATIONS
19	Enhancing natriuretic peptide signaling in adipose tissue, but not in muscle, protects against diet-induced obesity and insulin resistance. <i>Science Signaling</i> , 2017, 10, .	3.6	82
20	Adipose tissue natriuretic peptide receptor expression is related to insulin sensitivity in obesity and diabetes. <i>Obesity</i> , 2016, 24, 820-828.	3.0	65
21	Activation of mTORC1 is essential for β -adrenergic stimulation of adipose browning. <i>Journal of Clinical Investigation</i> , 2016, 126, 1704-1716.	8.2	171
22	The Functional Characterization of Long Noncoding RNA <i>SPRY4-IT1</i> in Human Melanoma Cells. <i>Oncotarget</i> , 2014, 5, 8959-8969.	1.8	142
23	Measuring Respiratory Activity of Adipocytes and Adipose Tissues in Real Time. <i>Methods in Enzymology</i> , 2014, 538, 233-247.	1.0	30
24	A heart-adipose tissue connection in the regulation of energy metabolism. <i>Nature Reviews Endocrinology</i> , 2014, 10, 157-163.	9.6	114
25	Heart hormones fueling a fire in fat. <i>Adipocyte</i> , 2013, 2, 104-108.	2.8	17
26	p62 Links β -adrenergic input to mitochondrial function and thermogenesis. <i>Journal of Clinical Investigation</i> , 2013, 123, 469-478.	8.2	107
27	Uncoupling and reactive oxygen species (ROS) – A double-edged sword for β -cell function? – Moderation in all things. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 753-758.	4.7	32
28	Cardiac natriuretic peptides act via p38 MAPK to induce the brown fat thermogenic program in mouse and human adipocytes. <i>Journal of Clinical Investigation</i> , 2012, 122, 1022-1036.	8.2	730
29	Effect of propranolol treatment on adipocyte lipases and perilipin in severely burned children. <i>FASEB Journal</i> , 2012, 26, lb724.	0.5	0
30	Selective Activation of Mitogen-Activated Protein (MAP) Kinase Kinase 3 and p38 MAP Kinase Is Essential for Cyclic AMP-Dependent UCP1 Expression in Adipocytes. <i>Molecular and Cellular Biology</i> , 2005, 25, 5466-5479.	2.3	101
31	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
32	β -Adrenergic Activation of p38 MAP Kinase in Adipocytes. <i>Journal of Biological Chemistry</i> , 2001, 276, 27077-27082.	3.4	257
33	CCAAT/Enhancer-binding Protein β Is Required for Transcription of the β -Adrenergic Receptor Gene during Adipogenesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 722-728.	3.4	44