

Suneil K Koliwad

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,891
citations

257450

24
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

6250
citing authors

#	ARTICLE	IF	CITATIONS
1	Thematic Review Series: Glycerolipids. DGAT enzymes and triacylglycerol biosynthesis. <i>Journal of Lipid Research</i> , 2008, 49, 2283-2301.	4.2	878
2	Microglia Dictate the Impact of Saturated Fat Consumption on Hypothalamic Inflammation and Neuronal Function. <i>Cell Reports</i> , 2014, 9, 2124-2138.	6.4	468
3	Microglial Inflammatory Signaling Orchestrates the Hypothalamic Immune Response to Dietary Excess and Mediates Obesity Susceptibility. <i>Cell Metabolism</i> , 2017, 26, 185-197.e3.	16.2	321
4	Microglia mediate postoperative hippocampal inflammation and cognitive decline in mice. <i>JCI Insight</i> , 2017, 2, e91229.	5.0	246
5	Triglyceride Synthesis by DGAT1 Protects Adipocytes from Lipid-Induced ER Stress during Lipolysis. <i>Cell Metabolism</i> , 2017, 26, 407-418.e3.	16.2	241
6	DGAT1-dependent triacylglycerol storage by macrophages protects mice from diet-induced insulin resistance and inflammation. <i>Journal of Clinical Investigation</i> , 2010, 120, 756-767.	8.2	189
7	CD81 Controls Beige Fat Progenitor Cell Growth and Energy Balance via FAK Signaling. <i>Cell</i> , 2020, 182, 563-577.e20.	28.9	156
8	Saturated Fatty Acids Engage an IRE1 α -Dependent Pathway to Activate the NLRP3 Inflammasome in Myeloid Cells. <i>Cell Reports</i> , 2016, 14, 2611-2623.	6.4	154
9	Hypothalamic Inflammation in the Control of Metabolic Function. <i>Annual Review of Physiology</i> , 2015, 77, 131-160.	13.1	151
10	Angiotensin-like 4 (ANGPTL4, Fasting-induced Adipose Factor) Is a Direct Glucocorticoid Receptor Target and Participates in Glucocorticoid-regulated Triglyceride Metabolism. <i>Journal of Biological Chemistry</i> , 2009, 284, 25593-25601.	3.4	134
11	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
12	Angiotensin-like 4 (Angptl4) Protein Is a Physiological Mediator of Intracellular Lipolysis in Murine Adipocytes. <i>Journal of Biological Chemistry</i> , 2012, 287, 8444-8456.	3.4	85
13	mTORC1-to-AMPK switching underlies β^2 cell metabolic plasticity during maturation and diabetes. <i>Journal of Clinical Investigation</i> , 2019, 129, 4124-4137.	8.2	80
14	A Glycemia Risk Index (GRI) of Hypoglycemia and Hyperglycemia for Continuous Glucose Monitoring Validated by Clinician Ratings. <i>Journal of Diabetes Science and Technology</i> , 2023, 17, 1226-1242.	2.2	69
15	Obesity and Fat Metabolism in Human Immunodeficiency Virus-Infected Individuals: Immunopathogenic Mechanisms and Clinical Implications. <i>Journal of Infectious Diseases</i> , 2019, 220, 420-431.	4.0	64
16	A screen in mice uncovers repression of lipoprotein lipase by microRNA-29a as a mechanism for lipid distribution away from the liver. <i>Hepatology</i> , 2015, 61, 141-152.	7.3	54
17	Oxidant stress and endothelial membrane transport. <i>Free Radical Biology and Medicine</i> , 1995, 19, 649-658.	2.9	47
18	Acute Lesioning and Rapid Repair of Hypothalamic Neurons outside the Blood-Brain Barrier. <i>Cell Reports</i> , 2017, 19, 2257-2271.	6.4	42

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19	The C-terminal fibrinogen-like domain of angiotensin-like 4 stimulates adipose tissue lipolysis and promotes energy expenditure. <i>Journal of Biological Chemistry</i> , 2017, 292, 16122-16134.	3.4	42
20	Hypothalamic microglia as potential regulators of metabolic physiology. <i>Nature Metabolism</i> , 2019, 1, 314-320.	11.9	35
21	The Electronic CardioMetabolic Program (eCMP) for Patients With Cardiometabolic Risk: A Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2016, 18, e134.	4.3	35
22	Angiotensin-like 4 (Angptl4). <i>Adipocyte</i> , 2012, 1, 182-187.	2.8	34
23	Subcutaneous Fat Fibrosis Links Obesity to Insulin Resistance in Chinese Americans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3194-3204.	3.6	30
24	The Impact of Insulin Resistance on Loss of Lung Function and Response to Treatment in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1096-1106.	5.6	28
25	Blocking Kv1.3 potassium channels prevents postoperative neuroinflammation and cognitive decline without impairing wound healing in mice. <i>British Journal of Anaesthesia</i> , 2020, 125, 298-307.	3.4	24
26	Microglial Lipid Biology in the Hypothalamic Regulation of Metabolic Homeostasis. <i>Frontiers in Endocrinology</i> , 2021, 12, 668396.	3.5	18
27	Continuous Ketone Monitoring Consensus Report 2021. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 689-715.	2.2	18
28	Continuous Ketone Monitoring: A New Paradigm for Physiologic Monitoring. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 193229682110098.	2.2	17
29	Fighting obesity by targeting factors regulating beige adipocytes. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018, 21, 437-443.	2.5	13
30	Lack of association between either outpatient or inpatient glycemic control and COVID-19 illness severity or mortality in patients with diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002203.	2.8	13
31	Excess natural-cause deaths in California by cause and setting: March 2020 through February 2021. , 2022, 1, .		13
32	Regulation of Hepatic Lipid Accumulation and Distribution by Agouti-Related Protein in Male Mice. <i>Endocrinology</i> , 2018, 159, 2408-2420.	2.8	11
33	Metabolic factors in the regulation of hypothalamic innate immune responses in obesity. <i>Experimental and Molecular Medicine</i> , 2022, 54, 393-402.	7.7	10
34	Quantifying Variation in Treatment Utilization for Type 2 Diabetes Across Five Major University of California Health Systems. <i>Diabetes Care</i> , 2021, 44, 908-914.	8.6	9
35	Autoregulation of insulin receptor signaling through MFGE8 and the $\alpha 5 \beta 1$ integrin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8
36	A gene-diet interaction controlling relative intake of dietary carbohydrates and fats. <i>Molecular Metabolism</i> , 2022, 58, 101442.	6.5	7

#	ARTICLE	IF	CITATIONS
37	Sweet cognition: The differential effects of glucose consumption on attentional food bias in individuals of lean and obese status. <i>Physiology and Behavior</i> , 2019, 206, 264-273.	2.1	6
38	Acyl-CoA:Diacylglycerol Acyltransferase 1 Expression Level in the Hematopoietic Compartment Impacts Inflammation in the Vascular Plaques of Atherosclerotic Mice. <i>PLoS ONE</i> , 2016, 11, e0156364.	2.5	5
39	Probing Insulin Sensitivity with Metabolically Competent Human Stem Cell-Derived White Adipose Tissue Microphysiological Systems. <i>Small</i> , 2022, 18, e2103157.	10.0	3