

Amnon Schlegel

List of Publications by Year in descending order

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41
papers

3,862
citations

257101

24
h-index

329751

37
g-index

45
all docs

45
docs citations

45
times ranked

4202
citing authors

#	ARTICLE	IF	CITATIONS
1	Caveolins, a Family of Scaffolding Proteins for Organizing "Preassembled Signaling Complexes" at the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 1998, 273, 5419-5422.	1.6	1,375
2	A Molecular Dissection of Caveolin-1 Membrane Attachment and Oligomerization. <i>Journal of Biological Chemistry</i> , 2000, 275, 21605-21617.	1.6	172
3	Crowded Little Caves. <i>Cellular Signalling</i> , 1998, 10, 457-463.	1.7	164
4	Expression of caveolin-1 and -2 in differentiating PC12 cells and dorsal root ganglion neurons: Caveolin-2 is up-regulated in response to cell injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10257-10262.	3.3	157
5	Caveolae, Plasma Membrane Microdomains for β -Secretase-mediated Processing of the Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 1998, 273, 10485-10495.	1.6	144
6	Lessons from "Lower" Organisms: What Worms, Flies, and Zebrafish Can Teach Us about Human Energy Metabolism. <i>PLoS Genetics</i> , 2007, 3, e199.	1.5	140
7	Loss of Dnmt1 catalytic activity reveals multiple roles for DNA methylation during pancreas development and regeneration. <i>Developmental Biology</i> , 2009, 334, 213-223.	0.9	139
8	Caveolin-1 Potentiates Estrogen Receptor β (ER β) Signaling. <i>Journal of Biological Chemistry</i> , 1999, 274, 33551-33556.	1.6	136
9	Microsomal Triglyceride Transfer Protein Is Required for Yolk Lipid Utilization and Absorption of Dietary Lipids in Zebrafish Larvae. <i>Biochemistry</i> , 2006, 45, 15179-15187.	1.2	136
10	Specialized insulin is used for chemical warfare by fish-hunting cone snails. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1743-1748.	3.3	134
11	A Role for the Caveolin Scaffolding Domain in Mediating the Membrane Attachment of Caveolin-1. <i>Journal of Biological Chemistry</i> , 1999, 274, 22660-22667.	1.6	132
12	The Cyclin D1 Gene Is Transcriptionally Repressed by Caveolin-1. <i>Journal of Biological Chemistry</i> , 2000, 275, 21203-21209.	1.6	126
13	A monocarboxylate transporter required for hepatocyte secretion of ketone bodies during fasting. <i>Genes and Development</i> , 2012, 26, 282-293.	2.7	115
14	Caveolin-1, a putative tumour suppressor gene. <i>Biochemical Society Transactions</i> , 2001, 29, 494-499.	1.6	112
15	Caveolin-1 Binding to Endoplasmic Reticulum Membranes and Entry into the Regulated Secretory Pathway Are Regulated by Serine Phosphorylation. <i>Journal of Biological Chemistry</i> , 2001, 276, 4398-4408.	1.6	105
16	Caveolin proteins in signaling, oncogenic transformation and muscular dystrophy. <i>Journal of Cell Science</i> , 2000, 113, 2103-2109.	1.2	102
17	REMOVED: The caveolin triad: caveolae biogenesis, cholesterol trafficking, and signal transduction. <i>Cytokine and Growth Factor Reviews</i> , 2001, 12, 41-51.	3.2	80
18	Metabolic insights from zebrafish genetics, physiology, and chemical biology. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2249-2260.	2.4	62

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19	Studying non-alcoholic fatty liver disease with zebrafish: a confluence of optics, genetics, and physiology. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3953-3961.	2.4	55
20	Fish-hunting cone snail venoms are a rich source of minimized ligands of the vertebrate insulin receptor. <i>ELife</i> , 2019, 8, .	2.8	49
21	Lxr-driven enterocyte lipid droplet formation delays transport of ingested lipids. <i>Journal of Lipid Research</i> , 2014, 55, 1944-1958.	2.0	43
22	FOXN3 Regulates Hepatic Glucose Utilization. <i>Cell Reports</i> , 2016, 15, 2745-2755.	2.9	31
23	Glucagon blockade restores functional β -cell mass in type 1 diabetic mice and enhances function of human islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	29
24	Zebrafish Models for Dyslipidemia and Atherosclerosis Research. <i>Frontiers in Endocrinology</i> , 2016, 7, 159.	1.5	28
25	Polyunsaturated fatty acyl-coenzyme As are inhibitors of cholesterol biosynthesis in zebrafish and mice. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 1365-77.	1.2	15
26	Role of Intestinal LXR β in Regulating Post-prandial Lipid Excursion and Diet-Induced Hypercholesterolemia and Hepatic Lipid Accumulation. <i>Frontiers in Physiology</i> , 2017, 8, 280.	1.3	13
27	Prenatal Exposure to a Maternal High Fat Diet Increases Hepatic Cholesterol Accumulation in Intrauterine Growth Restricted Rats in Part Through MicroRNA-122 Inhibition of Cyp7a1. <i>Frontiers in Physiology</i> , 2018, 9, 645.	1.3	13
28	A Hepatocyte FOXN3- β Cell Glucagon Axis Regulates Fasting Glucose. <i>Cell Reports</i> , 2018, 24, 312-319.	2.9	10
29	The Monocarboxylate Transporter SLC16A6 Regulates Adult Length in Zebrafish and Is Associated With Height in Humans. <i>Frontiers in Physiology</i> , 2018, 9, 1936.	1.3	9
30	A genetic screen for zebrafish mutants with hepatic steatosis identifies a locus required for larval growth. <i>Journal of Anatomy</i> , 2017, 230, 407-413.	0.9	8
31	FOXN3 controls liver glucose metabolism by regulating gluconeogenic substrate selection. <i>Physiological Reports</i> , 2019, 7, e14238.	0.7	6
32	Factitious granulomatous hepatitis?. <i>American Journal of Medicine</i> , 2004, 116, 500-501.	0.6	5
33	A Genetic Model to Study Increased Hexosamine Biosynthetic Flux. <i>Endocrinology</i> , 2017, 158, 2420-2426.	1.4	5
34	FOXN3 hyperglycemic risk allele and insulin sensitivity in humans. <i>BMJ Open Diabetes Research and Care</i> , 2019, 7, e000688.	1.2	5
35	Studying lipoprotein trafficking in zebrafish, the case of chylomicron retention disease. <i>Journal of Molecular Medicine</i> , 2015, 93, 115-118.	1.7	4
36	Macroprolactinoma-Induced Syndrome of Inappropriate Antidiuresis and Its Reversal with Dopamine Agonist Therapy. <i>Laboratory Medicine</i> , 2022, 53, 537-539.	0.8	2

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37	Metyrapone stimulation test to diagnose central adrenal insufficiency. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 407.	5.5	1
38	25-year follow-up of a case of giant cell aortitis. <i>American Journal of Medicine</i> , 2004, 117, 625.	0.6	0
39	The Dry Pipeline of Antiarrhythmic Therapies. <i>Annals of Internal Medicine</i> , 2005, 142, 871.	2.0	0
40	Skull base lymphoma with panhypopituitarism. <i>Lancet Oncology</i> , The, 2020, 21, e405.	5.1	0
41	Identifying Glucocorticoid Insufficiency in Silent Corticotroph Adenoma with Elevated Adrenocorticotrophic Hormone. <i>Laboratory Medicine</i> , 2022, 53, 91-94.	0.8	0