Alan R Kimmel

List of Publications by Year
in descending order

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42	2,199	331670	276875
papers	citations	21 h-index	41 g-index

45	45	45	2360
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plin2 deletion increases cholesteryl ester lipid droplet content and disturbs cholesterol balance in adrenal cortex. Journal of Lipid Research, 2021, 62, 100048.	4.2	18
2	Isolated Plin5-deficient cardiomyocytes store less lipid droplets than normal, but without increased sensitivity to hypoxia. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158873.	2.4	2
3	A post-transcriptional regulon controlled by TtpA, the single tristetraprolin family member expressed in Dictyostelium discoideum. Nucleic Acids Research, 2021, 49, 11920-11937.	14.5	3
4	mTORC1/AMPK responses define a core gene set for developmental cell fate switching. BMC Biology, 2019, 17, 58.	3.8	18
5	Plin2-deficiency reduces lipophagy and results in increased lipid accumulation in the heart. Scientific Reports, 2019, 9, 6909.	3.3	30
6	An ERK Phosphoproteome Expands Chemotactic Signaling in Dictyostelium. Developmental Cell, 2019, 48, 421-422.	7.0	1
7	DPF is a cell-density sensing factor, with cell-autonomous and non-autonomous functions during Dictyostelium growth and development. BMC Biology, 2019, 17, 97.	3.8	1
8	Perilipin 3 Deficiency Stimulates Thermogenic Beige Adipocytes Through PPARÎ± Activation. Diabetes, 2018, 67, 791-804.	0.6	31
9	Quantification of Live Bacterial Sensing for Chemotaxis and Phagocytosis and of Macropinocytosis. Frontiers in Cellular and Infection Microbiology, 2018, 8, 62.	3.9	3
10	Nutrient/Starvation sensing for Reciprocal mTORC1/AMPK response in Dictyostelium , at the junction between Growth and Development. FASEB Journal, 2018, 32, lb141.	0.5	0
11	A Unique Highâ€Throughput Assay to Identify Novel Small Molecule Inhibitors of Chemotaxis and Migration. Current Protocols in Cell Biology, 2017, 74, 12.11.1-12.11.13.	2.3	2
12	Regulation of nucleosome positioning by a CHD Type III chromatin remodeler and its relationship to developmental gene expression inDictyostelium. Genome Research, 2017, 27, 591-600.	5.5	8
13	Loss of perilipin 2 in cultured myotubes enhances lipolysis and redirects the metabolic energy balance from glucose oxidation towards fatty acid oxidation. Journal of Lipid Research, 2017, 58, 2147-2161.	4.2	32
14	Deficiency in perilipin 5 reduces mitochondrial function and membrane depolarization in mouse hearts. International Journal of Biochemistry and Cell Biology, 2017, 91, 9-13.	2.8	17
15	Chemotactic network responses to live bacteria show independence of phagocytosis from chemoreceptor sensing. ELife, 2017, 6, .	6.0	12
16	A High-Throughput, Multi-Cell Phenotype Assay for the Identification of Novel Inhibitors of Chemotaxis/Migration. Scientific Reports, 2016, 6, 22273.	3.3	15
17	The Perilipins: Major Cytosolic Lipid Dropletâ€"Associated Proteins and Their Roles in Cellular Lipid Storage, Mobilization, and Systemic Homeostasis. Annual Review of Nutrition, 2016, 36, 471-509.	10.1	208
18	Perilipin 5 is protective in the ischemic heart. International Journal of Cardiology, 2016, 219, 446-454.	1.7	43

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19	Biochemical Responses to Chemically Distinct Chemoattractants During the Growth and Development of Dictyostelium. Methods in Molecular Biology, 2016, 1407, 141-151.	0.9	8
20	Perilipin 5, a lipid droplet protein adapted to mitochondrial energy utilization. Current Opinion in Lipidology, 2014, 25, 110-117.	2.7	86
21	The Application of the Cre-loxP System for Generating Multiple Knock-out and Knock-in Targeted Loci. Methods in Molecular Biology, 2013, 983, 249-267.	0.9	30
22	Phosphorylation of chemoattractant receptors regulates chemotaxis, actin re-organization, and signal-relay. Journal of Cell Science, 2013, 126, 4614-26.	2.0	31
23	Chemoattractant stimulation of TORC2 is regulated by receptor/G proteinâ€“targeted inhibitory mechanisms that function upstream and independently of an essential GEF/Ras activation pathway inDictyostelium. Molecular Biology of the Cell, 2013, 24, 2146-2155.	2.1	17
24	Adoption of PERILIPIN as a unifying nomenclature for the mammalian PAT-family of intracellular lipid storage droplet proteins. Journal of Lipid Research, 2010, 51, 468-471.	4.2	370
25	An Orphan Nuclear Receptor Finds a Home. Molecular Cell, 2010, 37, 155-157.	9.7	5
26	Oscillatory signaling and network responses during the development of Dictyostelium discoideum. Ageing Research Reviews, 2008, 7, 234-248.	10.9	47
27	Generation of Multiple Knockout Mutants Using the Cre-loxP System. , 2006, 346, 187-200.		25
28	Nonadaptive Regulation of ERK2 in Dictyostelium: Implications for Mechanisms of cAMP Relay. Molecular Biology of the Cell, 2006, 17, 4220-4227.	2.1	34
29	Breaking symmetries: regulation of Dictyostelium development through chemoattractant and morphogen signal-response. Current Opinion in Genetics and Development, 2004, 14, 540-549.	3.3	62
30	Spatial and Temporal Dynamics of Signaling Components Involved in the Control of Chemotaxis in Dictyostelium discoideum. Science Signaling, 2004, 2004, tr3-tr3.	3.6	6
31	The Signal to Move: D. discoideum Go Orienteering. Science, 2003, 300, 1525-1527.	12.6	82
32	The murine perilipin gene: the lipid droplet-associated perilipins derive from tissue-specific, mRNA splice variants and define a gene family of ancient origin. Mammalian Genome, 2001, 12, 741-749.	2.2	206
33	The murine perilipin gene: the lipid droplet-associated perilipins derive from tissue-specific, mRNA splice variants and define a gene family of ancient origin. Mammalian Genome, 2001, 012, 0741-0749.	2.2	137
34	On the Control of Lipolysis in Adipocytes. Annals of the New York Academy of Sciences, 1999, 892, 155-168.	3.8	225
35	Hydrophilic Peptides Derived from the Transframe Region of Gag-Pol Inhibit the HIV-1 Proteaseâ€. Biochemistry, 1998, 37, 2105-2110.	2.5	85
36	Crystallographic Analysis of Human Immunodeficiency Virus 1 Protease with an Analog of the Conserved CA-p2 Substrate. Interactions with Frequently Occurring Glutamic Acid Residue at P2' Position of Substrates. FEBS Journal, 1997, 249, 523-530.	0.2	39

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37	The Regulation of Dictyostelium Development by Transmembrane Signalling. Journal of Eukaryotic Microbiology, 1995, 42, 200-205.	1.7	29
38	Multiple genes for cell surface cAMP receptors inDictyostelium discoideum. Genesis, 1991, 12, 6-13.	2.1	85
39	Structure and expression of the cAMP cell-surface receptor. Genesis, 1988, 9, 227-235.	2.1	16
40	Genes encoding novel GTP-binding proteins inDictyostelium. Genesis, 1988, 9, 259-265.	2.1	11
41	Regulation of gene expression by the intracellular second messengers IP3 and diacylglycerol. Genesis, 1988, 9, 351-358.	2.1	5
42	Different molecular mechanisms for cAMP regulation of gene expression during Dictyostelium development. Developmental Biology, 1987, 122, 163-171.	2.0	107