

Arnim Pause

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

8,891
citations

331670

21
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

19721
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Insulin-dependent stimulation of protein synthesis by phosphorylation of a regulator of 5'-cap function. <i>Nature</i> , 1994, 371, 762-767.	27.8	1,192
3	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. <i>Cell Metabolism</i> , 2013, 18, 698-711.	16.2	647
4	AMPK Maintains Cellular Metabolic Homeostasis through Regulation of Mitochondrial Reactive Oxygen Species. <i>Cell Reports</i> , 2017, 21, 1-9.	6.4	405
5	The requirement for eukaryotic initiation factor 4A (eIF4A) in translation is in direct proportion to the degree of mRNA 5' secondary structure. <i>Rna</i> , 2001, 7, 382-394.	3.5	389
6	An oxygen-regulated switch in the protein synthesis machinery. <i>Nature</i> , 2012, 486, 126-129.	27.8	266
7	Mitochondrial Phosphoenolpyruvate Carboxykinase Regulates Metabolic Adaptation and Enables Glucose-Independent Tumor Growth. <i>Molecular Cell</i> , 2015, 60, 195-207.	9.7	200
8	Hepatitis C therapeutics: current status and emerging strategies. <i>Nature Reviews Drug Discovery</i> , 2002, 1, 867-881.	46.4	182
9	Folliculin Regulates Ampk-Dependent Autophagy and Metabolic Stress Survival. <i>PLoS Genetics</i> , 2014, 10, e1004273.	3.5	102
10	The ever-evolving role of mTOR in translation. <i>Seminars in Cell and Developmental Biology</i> , 2014, 36, 102-112.	5.0	91
11	The Transcription Factors TFEB and TFE3 Link the FLCN-AMPK Signaling Axis to Innate Immune Response and Pathogen Resistance. <i>Cell Reports</i> , 2019, 26, 3613-3628.e6.	6.4	91
12	Chronic AMPK activation via loss of FLCN induces functional beige adipose tissue through PGC-1 β /ERR β . <i>Genes and Development</i> , 2016, 30, 1034-1046.	5.9	83
13	Phosphatidylinositol-5-Phosphate 4-Kinases Regulate Cellular Lipid Metabolism By Facilitating Autophagy. <i>Molecular Cell</i> , 2018, 70, 531-544.e9.	9.7	68
14	The AMPK agonist 5-aminoimidazole-4-carboxamide ribonucleotide (AICAR), but not metformin, prevents inflammation-associated cachectic muscle wasting. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	58
15	In Vitro Characterization of a Purified NS2/3 Protease Variant of Hepatitis C Virus. <i>Journal of Biological Chemistry</i> , 2001, 276, 46678-46684.	3.4	49
16	Interplay of Endosomal pH and Ligand Occupancy in Integrin β 1 Ubiquitination, Endocytic Sorting, and Cell Migration. <i>Cell Reports</i> , 2015, 13, 599-609.	6.4	48
17	FLCN and AMPK Confer Resistance to Hyperosmotic Stress via Remodeling of Glycogen Stores. <i>PLoS Genetics</i> , 2015, 11, e1005520.	3.5	46
18	Stress granules counteract senescence by sequestration of PAI-1. <i>EMBO Reports</i> , 2018, 19, .	4.5	40

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19	SIGNAL TRANSDUCTION: Protein Synthesis and Oncogenesis Meet Again. <i>Science</i> , 2006, 314, 428-429.	12.6	36
20	Haploinsufficiency of the ESCRT Component HD-PTP Predisposes to Cancer. <i>Cell Reports</i> , 2016, 15, 1893-1900.	6.4	36
21	Measuring Oxidative Stress Resistance of <i>Caenorhabditis elegans</i> in 96-well Microtiter Plates. <i>Journal of Visualized Experiments</i> , 2015, , e52746.	0.3	28
22	The dead phosphatases society: a review of the emerging roles of pseudophosphatases. <i>FEBS Journal</i> , 2020, 287, 4198-4220.	4.7	22
23	Investigation of a role for lysine residues in non-structural proteins 2 and 2/3 of the hepatitis C virus for their degradation and virus assembly. <i>Journal of General Virology</i> , 2009, 90, 1071-1080.	2.9	21
24	Role of ESCRT component HD-PTP/PTPN23 in cancer. <i>Biochemical Society Transactions</i> , 2017, 45, 845-854.	3.4	19
25	Complete Translation of the Hepatitis C Virus Genome In Vitro: Membranes Play a Critical Role in the Maturation of All Virus Proteins except for NS3. <i>Journal of Virology</i> , 2005, 79, 6868-6881.	3.4	14
26	eIF4A inhibition prevents the onset of cytokine-induced muscle wasting by blocking the STAT3 and iNOS pathways. <i>Scientific Reports</i> , 2018, 8, 8414.	3.3	14
27	Pseudophosphatases: Methods of analysis and physiological functions. <i>Methods</i> , 2014, 65, 207-218.	3.8	12
28	Glycogen: A must have storage to survive stressful emergencies. <i>Worm</i> , 2016, 5, e1156831.	1.0	11
29	Structure and functions of His domain protein tyrosine phosphatase in receptor trafficking and cancer. <i>Biochemistry and Cell Biology</i> , 2019, 97, 68-72.	2.0	7
30	Single Cell Fluorescence Ratio Image Analysis for Studying ESCRT Function in Receptor Trafficking. <i>Methods in Molecular Biology</i> , 2019, 1998, 93-103.	0.9	5
31	Seventh BHD international symposium: recent scientific and clinical advancement. <i>Oncotarget</i> , 2022, 13, 173-181.	1.8	4
32	Biochemical Measurement of Glycogen: Method to Investigate the AMPK-Glycogen Relationship. <i>Methods in Molecular Biology</i> , 2018, 1732, 57-67.	0.9	3
33	FLCN: A new regulator of AMPK-dependent Warburg metabolic reprogramming. <i>Molecular and Cellular Oncology</i> , 2014, 1, e961819.	0.7	1
34	IDENTIFICATION OF POTENTIAL ANTI-ONCOGENIC PROPERTIES OF eIF-4E BINDING PROTEINS 1 AND 2. <i>Biology of the Cell</i> , 1996, 88, 69-69.	2.0	0