

Carla Finkielstein

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,976
citations

279701

23
h-index

265120

42
g-index

61
all docs

61
docs citations

61
times ranked

2596
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Conformational Change for a Replicative Hexameric Helicase of SV40 Large Tumor Antigen. <i>Cell</i> , 2004, 119, 47-60.	13.5	291
2	The DIX domain targets dishevelled to actin stress fibres and vesicular membranes. <i>Nature</i> , 2002, 419, 726-729.	13.7	180
3	A Novel Heme-Regulatory Motif Mediates Heme-Dependent Degradation of the Circadian Factor Period 2. <i>Molecular and Cellular Biology</i> , 2008, 28, 4697-4711.	1.1	88
4	The Pro-Inflammatory Chemokines CXCL9, CXCL10 and CXCL11 Are Upregulated Following SARS-CoV-2 Infection in an AKT-Dependent Manner. <i>Viruses</i> , 2021, 13, 1062.	1.5	88
5	Circadian disruption promotes tumor-immune microenvironment remodeling favoring tumor cell proliferation. <i>Science Advances</i> , 2020, 6, .	4.7	86
6	The circadian factor Period 2 modulates p53 stability and transcriptional activity in unstressed cells. <i>Molecular Biology of the Cell</i> , 2014, 25, 3081-3093.	0.9	82
7	Model-driven experimental approach reveals the complex regulatory distribution of p53 by the circadian factor Period 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13516-13521.	3.3	81
8	H ₂ S-Releasing Polymer Micelles for Studying Selective Cell Toxicity. <i>Molecular Pharmaceutics</i> , 2017, 14, 1300-1306.	2.3	66
9	Distinct aerobic and hypoxic mechanisms of HIF-1 α regulation by CSN5. <i>Genes and Development</i> , 2004, 18, 739-744.	2.7	62
10	Chronotherapy: Intuitive, Sound, Founded – But Not Broadly Applied. <i>Drugs</i> , 2016, 76, 1507-1521.	4.9	54
11	Cell Migration and Signaling Specificity Is Determined by the Phosphatidylserine Recognition Motif of Rac1. <i>Journal of Biological Chemistry</i> , 2006, 281, 27317-27326.	1.6	52
12	The midblastula transition in <i>Xenopus</i> embryos activates multiple pathways to prevent apoptosis in response to DNA damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 1006-1011.	3.3	48
13	Association of the circadian factor Period 2 to p53 influences p53's function in DNA-damage signaling. <i>Molecular Biology of the Cell</i> , 2015, 26, 359-372.	0.9	48
14	Insights into the Oligomeric States, Conformational Changes, and Helicase Activities of SV40 Large Tumor Antigen. <i>Journal of Biological Chemistry</i> , 2004, 279, 38952-38959.	1.6	43
15	Involvement of arachidonic acid and the lipoxygenase pathway in mediating luteinizing hormone-induced testosterone synthesis in rat leydig cells. <i>Endocrine Research</i> , 1997, 23, 15-26.	0.6	41
16	The Enigmatic Role of Sulfatides: New Insights into Cellular Functions and Mechanisms of Protein Recognition. <i>Advances in Experimental Medicine and Biology</i> , 2013, 991, 27-40.	0.8	41
17	An adrenocorticotropin-regulated phosphoprotein intermediary in steroid synthesis is similar to an acyl-CoA thioesterase enzyme. <i>FEBS Journal</i> , 1998, 256, 60-66.	0.2	37
18	Disabled-2: A modular scaffold protein with multifaceted functions in signaling. <i>BioEssays</i> , 2016, 38, S45-55.	1.2	33

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19	Expression of Nitric Oxide Synthases in Rat Adrenal Zona Fasciculata Cells. <i>Endocrinology</i> , 2002, 143, 1235-1242.	1.4	32
20	Distinct control of PERIOD2 degradation and circadian rhythms by the oncoprotein and ubiquitin ligase MDM2. <i>Science Signaling</i> , 2018, 11, .	1.6	32
21	The Bcl-2-associated death promoter (BAD) lowers the threshold at which the Bcl-2-interacting domain death agonist (BID) triggers mitochondria disintegration. <i>Journal of Theoretical Biology</i> , 2011, 271, 114-123.	0.8	30
22	Tom1 Modulates Binding of Tollip to Phosphatidylinositol 3-Phosphate via a Coupled Folding and Binding Mechanism. <i>Structure</i> , 2015, 23, 1910-1920.	1.6	28
23	A Role for G1/S Cyclin-dependent Protein Kinases in the Apoptotic Response to Ionizing Radiation. <i>Journal of Biological Chemistry</i> , 2002, 277, 38476-38485.	1.6	26
24	Three Amino Acid Mutations (F51L, T59A, and S390L) in the Capsid Protein of the Hepatitis E Virus Collectively Contribute to Virus Attenuation. <i>Journal of Virology</i> , 2011, 85, 5338-5349.	1.5	26
25	Purification of a Novel 43-kDa Protein (p43) Intermediary in the Activation of Steroidogenesis from Rat Adrenal Gland. <i>FEBS Journal</i> , 1994, 224, 709-716.	0.2	24
26	Sulfatides Partition Disabled-2 in Response to Platelet Activation. <i>PLoS ONE</i> , 2009, 4, e8007.	1.1	24
27	Structural and Membrane Binding Properties of the Prickle PET Domain. <i>Biochemistry</i> , 2008, 47, 13524-13536.	1.2	23
28	Biophysical and Molecular-Dynamics Studies of Phosphatidic Acid Binding by the Dvl-2 DEP Domain. <i>Biophysical Journal</i> , 2014, 106, 1101-1111.	0.2	23
29	Cell Cycle Transitions in Early <i>Xenopus</i> Development. <i>Novartis Foundation Symposium</i> , 2008, 237, 58-78.	1.2	18
30	Modeling the Relationship between the p53 C-Terminal Domain and Its Binding Partners Using Molecular Dynamics. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13201-13213.	1.2	18
31	Disabled-2 modulates homotypic and heterotypic platelet interactions by binding to sulfatides. <i>British Journal of Haematology</i> , 2011, 154, 122-133.	1.2	18
32	Membrane targeting of TIRAP is negatively regulated by phosphorylation in its phosphoinositide-binding motif. <i>Scientific Reports</i> , 2017, 7, 43043.	1.6	18
33	Structure, Sulfatide Binding Properties, and Inhibition of Platelet Aggregation by a Disabled-2 Protein-derived Peptide. <i>Journal of Biological Chemistry</i> , 2012, 287, 37691-37702.	1.6	17
34	Lipid-mediated membrane binding properties of Disabled-2. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2734-2744.	1.4	15
35	Wee1 kinase alters cyclin E/Cdk2 and promotes apoptosis during the early embryonic development of <i>Xenopus laevis</i> . <i>BMC Developmental Biology</i> , 2007, 7, 119.	2.1	14
36	Role of CREB on heme oxygenase-1 induction in adrenal cells: involvement of the PI3K pathway. <i>Journal of Molecular Endocrinology</i> , 2016, 57, 113-124.	1.1	14

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37	Moderate Exercise Prevents Functional Remodeling of the Anterior Pituitary Gland in Diet-Induced Insulin Resistance in Rats: Role of Oxidative Stress and Autophagy. <i>Endocrinology</i> , 2016, 157, 1135-1145.	1.4	14
38	A Systems Biology Approach Identifies Hidden Regulatory Connections Between the Circadian and Cell-Cycle Checkpoints. <i>Frontiers in Physiology</i> , 2020, 11, 327.	1.3	14
39	Fast proteomic protocol for biomarker fingerprinting in cancerous cells. <i>Journal of Chromatography A</i> , 2010, 1217, 2862-2870.	1.8	11
40	Circadian rhythms in acute intermittent porphyria – a pilot study. <i>European Journal of Clinical Investigation</i> , 2013, 43, 727-739.	1.7	10
41	Site of action of proteinases in the activation of steroidogenesis in rat adrenal gland. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1310, 260-268.	1.9	9
42	Backbone 1H, 15N, and 13C Resonance Assignments and Secondary Structure of the Tollip CUE Domain. <i>Molecules and Cells</i> , 2010, 30, 581-586.	1.0	9
43	Development and implementation of a scalable and versatile test for COVID-19 diagnostics in rural communities. <i>Nature Communications</i> , 2021, 12, 4400.	5.8	9
44	Regulatory Pathways Coordinating Cell Cycle Progression in Early <i>Xenopus</i> Development. <i>Results and Problems in Cell Differentiation</i> , 2011, 53, 171-199.	0.2	9
45	Opening the Debate: How to Fulfill the Need for Physicians' Training in Circadian-Related Topics in a Full Medical School Curriculum. <i>Journal of Circadian Rhythms</i> , 2015, 13, 7.	2.9	8
46	Subsewershed SARS-CoV-2 Wastewater Surveillance and COVID-19 Epidemiology Using Building-Specific Occupancy and Case Data. <i>ACS ES&T Water</i> , 2022, 2, 2047-2059.	2.3	8
47	Ligand Binding Reveals a Role for Heme in Translationally-Controlled Tumor Protein Dimerization. <i>PLoS ONE</i> , 2014, 9, e112823.	1.1	7
48	Acth-dependent proteolytic activity of a novel phosphoprotein (p43) intermediary in the activation of phospholipase A2 and steroidogenesis. <i>Endocrine Research</i> , 1995, 21, 281-288.	0.6	6
49	A novel arachidonic acid-related thioesterase involved in acute steroidogenesis. <i>Endocrine Research</i> , 1998, 24, 363-371.	0.6	6
50	The C-terminal acidic motif of Phafin2 inhibits PH domain binding to phosphatidylinositol 3-phosphate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183230.	1.4	6
51	Characterization of the cDNA corresponding to a phosphoprotein (p43) intermediary in the action of acth.. <i>Endocrine Research</i> , 1996, 22, 521-532.	0.6	4
52	Activation of a thioesterase specific for very-long-chain fatty acids by adrenergic agonists in perfused hearts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1451, 101-108.	1.9	4
53	A rapid procedure to isolate isotopically labeled peptides for NMR studies: application to the Disabled-2 sulfatide-binding motif. <i>Journal of Peptide Science</i> , 2014, 20, 216-222.	0.8	4
54	Structural, in silico, and functional analysis of a Disabled-2-derived peptide for recognition of sulfatides. <i>Scientific Reports</i> , 2020, 10, 13520.	1.6	4

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55	Vaccine Effectiveness during Outbreak of COVID-19 Alpha (B.1.1.7) Variant in Menâ€™s Correctional Facility, United States. <i>Emerging Infectious Diseases</i> , 2022, 28, 1313-1320.	2.0	4
56	cytosolic and mttochondrial proteins as possible targets of cycloheximide effect on adrenal steroidogenesis.. <i>Endocrine Research</i> , 1996, 22, 533-539.	0.6	3
57	Shorter Exposures to Harder X-Rays Trigger Early Apoptotic Events in <i>Xenopus laevis</i> Embryos. <i>PLoS ONE</i> , 2010, 5, e8970.	1.1	3
58	Identification of Lipid Binding Modulators Using the Protein-Lipid Overlay Assay. <i>Methods in Molecular Biology</i> , 2017, 1647, 197-206.	0.4	2
59	Disabled-2: A modular scaffold protein with multifaceted functions in signaling. <i>Inside the Cell</i> , 2016, 1, 48-58.	0.4	1