# Carla Finkielstein

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Subsewershed SARS-CoV-2 Wastewater Surveillance and COVID-19 Epidemiology Using Building-Specific Occupancy and Case Data. ACS ES&T Water, 2022, 2, 2047-2059. | 2.3 | 8 |
| 2 | Vaccine Effectiveness during Outbreak of COVID-19 Alpha (B.1.1.7) Variant in Menâ€™s Correctional Facility, United States. Emerging Infectious Diseases, 2022, 28, 1313-1320. | 2.0 | 4 |
| 3 | The Pro-Inflammatory Chemokines CXCL9, CXCL10 and CXCL11 Are Upregulated Following SARS-CoV-2 Infection in an AKT-Dependent Manner. Viruses, 2021, 13, 1062. | 1.5 | 88 |
| 4 | Development and implementation of a scalable and versatile test for COVID-19 diagnostics in rural communities. Nature Communications, 2021, 12, 4400. | 5.8 | 9 |
| 5 | Circadian disruption promotes tumor-immune microenvironment remodeling favoring tumor cell proliferation. Science Advances, 2020, 6, . | 4.7 | 86 |
| 6 | Structural, in silico, and functional analysis of a Disabled-2-derived peptide for recognition of sulfatides. Scientific Reports, 2020, 10, 13520. | 1.6 | 4 |
| 7 | The C-terminal acidic motif of Phafin2 inhibits PH domain binding to phosphatidylinositol 3-phosphate. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183230. | 1.4 | 6 |
| 8 | A Systems Biology Approach Identifies Hidden Regulatory Connections Between the Circadian and Cell-Cycle Checkpoints. Frontiers in Physiology, 2020, 11, 327. | 1.3 | 14 |
| 9 | Distinct control of PERIOD2 degradation and circadian rhythms by the oncoprotein and ubiquitin ligase MDM2. Science Signaling, 2018, 11, . | 1.6 | 32 |
| 10 | Membrane targeting of TIRAP is negatively regulated by phosphorylation in its phosphoinositide-binding motif. Scientific Reports, 2017, 7, 43043. | 1.6 | 18 |
| 11 | H<sub>2</sub>S-Releasing Polymer Micelles for Studying Selective Cell Toxicity. Molecular Pharmaceutics, 2017, 14, 1300-1306. | 2.3 | 66 |
| 12 | Identification of Lipid Binding Modulators Using the Protein-Lipid Overlay Assay. Methods in Molecular Biology, 2017, 1647, 197-206. | 0.4 | 2 |
| 13 | Model-driven experimental approach reveals the complex regulatory distribution of p53 by the circadian factor Period 2. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13516-13521. | 3.3 | 81 |
| 14 | Disabledâ€2: A modular scaffold protein with multifaceted functions in signaling. BioEssays, 2016, 38, S45-55. | 1.2 | 33 |
| 15 | Disabled-2: A modular scaffold protein with multifaceted functions in signaling. Inside the Cell, 2016, 1, 48-58. | 0.4 | 1 |
| 16 | Role of CREB on heme oxygenase-1 induction in adrenal cells: involvement of the PI3K pathway. Journal of Molecular Endocrinology, 2016, 57, 113-124. | 1.1 | 14 |
| 17 | Chronotherapy: Intuitive, Sound, Foundedâ€¦But Not Broadly Applied. Drugs, 2016, 76, 1507-1521. | 4.9 | 54 |
| 18 | Moderate Exercise Prevents Functional Remodeling of the Anterior Pituitary Gland in Diet-Induced Insulin Resistance in Rats: Role of Oxidative Stress and Autophagy. Endocrinology, 2016, 157, 1135-1145. | 1.4 | 14 |

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|---|---|---|---|
| 19 | Tom1 Modulates Binding of Tollip to Phosphatidylinositol 3-Phosphate via a Coupled Folding and Binding Mechanism. Structure, 2015, 23, 1910-1920. | 1.6 | 28 |
| 20 | Association of the circadian factor Period 2 to p53 influences p53's function in DNA-damage signaling. Molecular Biology of the Cell, 2015, 26, 359-372. | 0.9 | 48 |
| 21 | Opening the Debate: How to Fulfill the Need for Physiciansâ€™ Training in Circadian-Related Topics in a Full Medical School Curriculum. Journal of Circadian Rhythms, 2015, 13, 7. | 2.9 | 8 |
| 22 | A rapid procedure to isolate isotopically labeled peptides for NMR studies: application to the Disabled-2 sulfatide-binding motif. Journal of Peptide Science, 2014, 20, 216-222. | 0.8 | 4 |
| 23 | Biophysical and Molecular-Dynamics Studies of Phosphatidic Acid Binding by the Dvl-2 DEP Domain. Biophysical Journal, 2014, 106, 1101-1111. | 0.2 | 23 |
| 24 | The circadian factor Period 2 modulates p53 stability and transcriptional activity in unstressed cells. Molecular Biology of the Cell, 2014, 25, 3081-3093. | 0.9 | 82 |
| 25 | Ligand Binding Reveals a Role for Heme in Translationally-Controlled Tumor Protein Dimerization. PLoS ONE, 2014, 9, e112823. | 1.1 | 7 |
| 26 | Circadian rhythms in acute intermittent porphyria â€“ a pilot study. European Journal of Clinical Investigation, 2013, 43, 727-739. | 1.7 | 10 |
| 27 | The Enigmatic Role of Sulfatides: New Insights into Cellular Functions and Mechanisms of Protein Recognition. Advances in Experimental Medicine and Biology, 2013, 991, 27-40. | 0.8 | 41 |
| 28 | Structure, Sulfatide Binding Properties, and Inhibition of Platelet Aggregation by a Disabled-2 Protein-derived Peptide. Journal of Biological Chemistry, 2012, 287, 37691-37702. | 1.6 | 17 |
| 29 | Lipid-mediated membrane binding properties of Disabled-2. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2734-2744. | 1.4 | 15 |
| 30 | Disabledâ€2 modulates homotypic and heterotypic platelet interactions by binding to sulfatides. British Journal of Haematology, 2011, 154, 122-133. | 1.2 | 18 |
| 31 | The Bcl-2-associated death promoter (BAD) lowers the threshold at which the Bcl-2-interacting domain death agonist (BID) triggers mitochondria disintegration. Journal of Theoretical Biology, 2011, 271, 114-123. | 0.8 | 30 |
| 32 | Three Amino Acid Mutations (F51L, T59A, and S390L) in the Capsid Protein of the Hepatitis E Virus Collectively Contribute to Virus Attenuation. Journal of Virology, 2011, 85, 5338-5349. | 1.5 | 26 |
| 33 | Regulatory Pathways Coordinating Cell Cycle Progression in Early Xenopus Development. Results and Problems in Cell Differentiation, 2011, 53, 171-199. | 0.2 | 9 |
| 34 | Backbone 1H, 15N, and 13C Resonance Assignments and Secondary Structure of the Tollip CUE Domain. Molecules and Cells, 2010, 30, 581-586. | 1.0 | 9 |
| 35 | Fast proteomic protocol for biomarker fingerprinting in cancerous cells. Journal of Chromatography A, 2010, 1217, 2862-2870. | 1.8 | 11 |
| 36 | Modeling the Relationship between the p53 C-Terminal Domain and Its Binding Partners Using Molecular Dynamics. Journal of Physical Chemistry B, 2010, 114, 13201-13213. | 1.2 | 18 |

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|---|---|---|---|
| 37 | Shorter Exposures to Harder X-Rays Trigger Early Apoptotic Events in Xenopus laevis Embryos. PLoS ONE, 2010, 5, e8970. | 1.1 | 3 |
| 38 | Sulfatides Partition Disabled-2 in Response to Platelet Activation. PLoS ONE, 2009, 4, e8007. | 1.1 | 24 |
| 39 | Structural and Membrane Binding Properties of the Prickle PET Domain. Biochemistry, 2008, 47, 13524-13536. | 1.2 | 23 |
| 40 | A Novel Heme-Regulatory Motif Mediates Heme-Dependent Degradation of the Circadian Factor Period 2. Molecular and Cellular Biology, 2008, 28, 4697-4711. | 1.1 | 88 |
| 41 | Cell Cycle Transitions in Early Xenopus Development. Novartis Foundation Symposium, 2008, 237, 58-78. | 1.2 | 18 |
| 42 | Wee1 kinase alters cyclin E/Cdk2 and promotes apoptosis during the early embryonic development of Xenopus laevis. BMC Developmental Biology, 2007, 7, 119. | 2.1 | 14 |
| 43 | Cell Migration and Signaling Specificity Is Determined by the Phosphatidylserine Recognition Motif of Rac1. Journal of Biological Chemistry, 2006, 281, 27317-27326. | 1.6 | 52 |
| 44 | Distinct aerobic and hypoxic mechanisms of HIF-Â regulation by CSN5. Genes and Development, 2004, 18, 739-744. | 2.7 | 62 |
| 45 | Insights into the Oligomeric States, Conformational Changes, and Helicase Activities of SV40 Large Tumor Antigen. Journal of Biological Chemistry, 2004, 279, 38952-38959. | 1.6 | 43 |
| 46 | Mechanisms of Conformational Change for a Replicative Hexameric Helicase of SV40 Large Tumor Antigen. Cell, 2004, 119, 47-60. | 13.5 | 291 |
| 47 | Expression of Nitric Oxide Synthases in Rat Adrenal Zona Fasciculata Cells. Endocrinology, 2002, 143, 1235-1242. | 1.4 | 32 |
| 48 | A Role for G1/S Cyclin-dependent Protein Kinases in the Apoptotic Response to Ionizing Radiation. Journal of Biological Chemistry, 2002, 277, 38476-38485. | 1.6 | 26 |
| 49 | The DIX domain targets dishevelled to actin stress fibres and vesicular membranes. Nature, 2002, 419, 726-729. | 13.7 | 180 |
| 50 | The midblastula transition in Xenopus embryos activates multiple pathways to prevent apoptosis in response to DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 1006-1011. | 3.3 | 48 |
| 51 | Activation of a thioesterase specific for very-long-chain fatty acids by adrenergic agonists in perfused hearts. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1451, 101-108. | 1.9 | 4 |
| 52 | An adrenocorticotropin-regulated phosphoprotein intermediary in steroid synthesis is similar to an acyl-CoA thioesterase enzyme. FEBS Journal, 1998, 256, 60-66. | 0.2 | 37 |
| 53 | A novel arachidonic acid-related thioesterase involved in acute steroidogenesis. Endocrine Research, 1998, 24, 363-371. | 0.6 | 6 |
| 54 | Involvement of arachidonic acid and the lipoxygenase pathway in mediating luteinizing hormone-induced testosterone synthesis in rat leydig cells. Endocrine Research, 1997, 23, 15-26. | 0.6 | 41 |

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|---|---|---|---|
| 55 | Site of action of proteinases in the activation of steroidogenesis in rat adrenal gland. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1310, 260-268. | 1.9 | 9 |
| 56 | Characterization of the cDNA corresponding to a phosphofrotein (p43) intermediary in the action of acth.. Endocrine Research, 1996, 22, 521-532. | 0.6 | 4 |
| 57 | cytosolic and mttochondrial proteins as possible targets of cycloheximide effect on adrenal steroidogenesis.. Endocrine Research, 1996, 22, 533-539. | 0.6 | 3 |
| 58 | Acth-dependent proteolytic activity of a novel phosphoprotein (p43) intermediary in the activation of phospholipase A2 and steroidogenesis. Endocrine Research, 1995, 21, 281-288. | 0.6 | 6 |
| 59 | Purification of a Novel 43-kDa Protein (p43) Intermediary in the Activation of Steroidogenesis from Rat Adrenal Gland. FEBS Journal, 1994, 224, 709-716. | 0.2 | 24 |