Lianne C Davis

List of Publications by Year
in descending order

28 papers	1,349 citations	623734 14 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	1348 citing authors

#	Article	IF	Citations
1	Acidic Ca2+ stores and immune-cell function. Cell Calcium, 2022, 101, 102516.	2.4	12
2	A cellular protection racket: How lysosomal Ca2+ fluxes prevent kidney injury. Cell Calcium, 2021, 93, 102328.	2.4	0
3	Choreographing endo-lysosomal Ca2+ throughout the life of a phagosome. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119040.	4.1	10
4	Mechanistic convergence and shared therapeutic targets in Niemannâ€Pick disease. Journal of Inherited Metabolic Disease, 2020, 43, 574-585.	3.6	13
5	<scp>NAADP</scp> â€regulated twoâ€pore channels drive phagocytosis through endoâ€lysosomal Ca ²⁺ nanodomains, calcineurin and dynamin. EMBO Journal, 2020, 39, e104058.	7.8	54
6	Defective platelet function in <scp>Niemannâ€Pick</scp> disease type <scp>C1</scp>. JIMD Reports, 2020, 56, 46-57.	1.5	9
7	Revealing the secrets of secretion. ELife, 2018, 7, .	6.0	3
8	Pathogenic mycobacteria achieve cellular persistence by inhibiting the Niemann-Pick Type C disease cellular pathway. Wellcome Open Research, 2016, 1, 18.	1.8	26
9	Expression of Ca ²⁺ â€permeable twoâ€pore channels rescues <scp>NAADP</scp> signalling in <scp>TPC</scp> â€deficient cells. EMBO Journal, 2015, 34, 1743-1758.	7.8	144
10	Preferential Coupling of the NAADP Pathway to Exocytosis in T-Cells. Messenger (Los Angeles, Calif:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	8
11	TPC: the NAADP discovery channel?. Biochemical Society Transactions, 2015, 43, 384-389.	3.4	41
12	Imaging approaches to measuring lysosomal calcium. Methods in Cell Biology, 2015, 126, 159-195.	1.1	36
13	Synthesis of [³²P]NAADP for the Radioreceptor Binding Assay. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot076919.	0.3	1
14	Preparation and Use of Sea Urchin Egg Homogenates for Studying NAADP-Mediated Ca2+ Release. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot076901-pdb.prot076901.	0.3	6
15	Synthesis of Caged NAADP. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot076943-pdb.prot076943.	0.3	0
16	TPC1 Has Two Variant Isoforms, and Their Removal Has Different Effects on Endo-Lysosomal Functions Compared to Loss of TPC2. Molecular and Cellular Biology, 2014, 34, 3981-3992.	2.3	76
17	Synthesis of NAADP-AM as a Membrane-Permeant NAADP Analog. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot076927.	0.3	3
18	Measurement of Luminal pH of Acidic Stores as a Readout for NAADP Action. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot076935.	0.3	1

#	Article	IF	Citations
19	Altered distribution and function of natural killer cells in murine and human Niemann-Pick disease type C1. Blood, 2014, 123, 51-60.	1.4	38
20	Bidirectional Ca2+ signaling occurs between the endoplasmic reticulum and acidic organelles. Journal of Cell Biology, 2013, 200, 789-805.	5.2	137
21	Cytolytic granules supply Ca2+for their own exocytosis via NAADP and resident two-pore channels. Communicative and Integrative Biology, 2013, 6, e24175.	1.4	7
22	NAADP Activates Two-Pore Channels on T Cell Cytolytic Granules to Stimulate Exocytosis and Killing. Current Biology, 2012, 22, 2331-2337.	3.9	121
23	NAADP as an intracellular messenger regulating lysosomal calcium-release channels. Biochemical Society Transactions, 2010, 38, 1424-1431.	3.4	91
24	Purified TPC Isoforms Form NAADP Receptors with Distinct Roles for Ca2+ Signaling and Endolysosomal Trafficking. Current Biology, 2010, 20, 703-709.	3.9	234
25	Phospholipase C zeta undergoes dynamic changes in its pattern of localization in sperm during capacitation and the acrosome reaction. Fertility and Sterility, 2009, 91, 2230-2242.	1.0	96
26	Ca2+ Signaling Occurs via Second Messenger Release from Intraorganelle Synthesis Sites. Current Biology, 2008, 18, 1612-1618.	3.9	61
27	Flipping the switch: How a sperm activates the egg at fertilization. Developmental Dynamics, 2007, 236, 2027-2038.	1.8	91
28	Pathogenic mycobacteria achieve cellular persistence by inhibiting the Niemann-Pick Type C disease cellular pathway. Wellcome Open Research, 0, 1, 18.	1.8	30