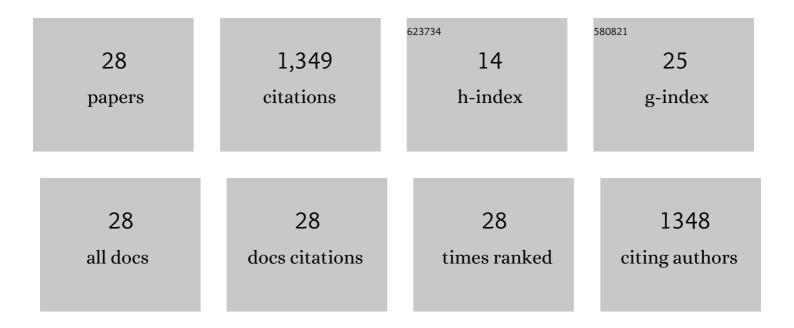
## Lianne C Davis

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5269720/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Purified TPC Isoforms Form NAADP Receptors with Distinct Roles for Ca2+ Signaling and Endolysosomal Trafficking. Current Biology, 2010, 20, 703-709.	3.9	234
2	Expression of Ca <sup>2+</sup> 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
3	Bidirectional Ca2+ signaling occurs between the endoplasmic reticulum and acidic organelles. Journal of Cell Biology, 2013, 200, 789-805.	5.2	137
4	NAADP Activates Two-Pore Channels on T Cell Cytolytic Granules to Stimulate Exocytosis and Killing. Current Biology, 2012, 22, 2331-2337.	3.9	121
5	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
6	Flipping the switch: How a sperm activates the egg at fertilization. Developmental Dynamics, 2007, 236, 2027-2038.	1.8	91
7	NAADP as an intracellular messenger regulating lysosomal calcium-release channels. Biochemical Society Transactions, 2010, 38, 1424-1431.	3.4	91
8	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
9	Ca2+ Signaling Occurs via Second Messenger Release from Intraorganelle Synthesis Sites. Current Biology, 2008, 18, 1612-1618.	3.9	61
10	<scp>NAADP</scp> â€regulated twoâ€pore channels drive phagocytosis through endoâ€lysosomal Ca <sup>2+</sup> nanodomains, calcineurin and dynamin. EMBO Journal, 2020, 39, e104058.	7.8	54
11	TPC: the NAADP discovery channel?. Biochemical Society Transactions, 2015, 43, 384-389.	3.4	41
12	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
13	Imaging approaches to measuring lysosomal calcium. Methods in Cell Biology, 2015, 126, 159-195.	1.1	36
14	Pathogenic mycobacteria achieve cellular persistence by inhibiting the Niemann-Pick Type C disease cellular pathway. Wellcome Open Research, 0, 1, 18.	1.8	30
15	Pathogenic mycobacteria achieve cellular persistence by inhibiting the Niemann-Pick Type C disease cellular pathway. Wellcome Open Research, 2016, 1, 18.	1.8	26
16	Mechanistic convergence and shared therapeutic targets in Niemannâ€Pick disease. Journal of Inherited Metabolic Disease, 2020, 43, 574-585.	3.6	13
17	Acidic Ca2+ stores and immune-cell function. Cell Calcium, 2022, 101, 102516.	2.4	12
18	Choreographing endo-lysosomal Ca2+ throughout the life of a phagosome. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119040.	4.1	10

#	Article	IF	CITATIONS
19	Defective platelet function in <scp>Niemannâ€Pick</scp> disease type <scp>C1</scp> . JIMD Reports, 2020, 56, 46-57.	1.5	9

20 Preferential Coupling of the NAADP Pathway to Exocytosis in T-Cells. Messenger (Los Angeles, Calif:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5

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	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
23	Synthesis of NAADP-AM as a Membrane-Permeant NAADP Analog. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot076927.	0.3	3
24	Revealing the secrets of secretion. ELife, 2018, 7, .	6.0	3
25	Synthesis of [ <sup>32</sup> P]NAADP for the Radioreceptor Binding Assay. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot076919.	0.3	1
26	Measurement of Luminal pH of Acidic Stores as a Readout for NAADP Action. Cold Spring Harbor	0.3	1
	Protocols, 2014, 2014, pdb.prot076935.	0.0	
27	Protocols, 2014, 2014, pdb.prot076935. Synthesis of Caged NAADP. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot076943-pdb.prot076943.	0.3	0