

Antony Galione

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

13,740
citations

15504

65
h-index

23533

111
g-index

195
all docs

195
docs citations

195
times ranked

8656
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Acidic Ca ²⁺ stores and immune-cell function. <i>Cell Calcium</i> , 2022, 101, 102516. | 2.4 | 12 |
| 2 | Current methods to analyze lysosome morphology, positioning, motility and function. <i>Traffic</i> , 2022, 23, 238-269. | 2.7 | 37 |
| 3 | A tribute to Professor Sir Michael J. Berridge FRS (1938–2020). <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119014. | 4.1 | 2 |
| 4 | Glucose and NAADP trigger elementary intracellular \hat{I}^2 -cell Ca ²⁺ signals. <i>Scientific Reports</i> , 2021, 11, 10714. | 3.3 | 9 |
| 5 | Choreographing endo-lysosomal Ca ²⁺ throughout the life of a phagosome. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119040. | 4.1 | 10 |
| 6 | A modified density gradient proteomic-based method to analyze endolysosomal proteins in cardiac tissue. <i>IScience</i> , 2021, 24, 102949. | 4.1 | 1 |
| 7 | Membrane Transport Cyclic ADP-RIBOSE and NAADP: Two Pyridine Nucleotide Ca ²⁺ Mobilizing Messengers Targeting Intracellular Ca ²⁺ Release Channels. , 2021, , 949-954. | | 0 |
| 8 | Mechanistic convergence and shared therapeutic targets in Niemann–Pick disease. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 574-585. | 3.6 | 13 |
| 9 | Does lysosomal rupture evoke Ca ²⁺ release? A question of pores and stores. <i>Cell Calcium</i> , 2020, 86, 102139. | 2.4 | 18 |
| 10 | <scp>NAADP</scp> â€regulated twoâ€pore channels drive phagocytosis through endoâ€lysosomal Ca²⁺ nanodomains, calcineurin and dynamin. <i>EMBO Journal</i> , 2020, 39, e104058. | 7.8 | 54 |
| 11 | Lysosomal agents inhibit store-operated Ca ²⁺ entry. <i>Journal of Cell Science</i> , 2020, 134, . | 2.0 | 2 |
| 12 | Defective platelet function in <scp>Niemannâ€Pick</scp> disease type <scp>C1</scp>. <i>JIMD Reports</i> , 2020, 56, 46-57. | 1.5 | 9 |
| 13 | A two-pore channel protein required for regulating mTORC1 activity on starvation. <i>BMC Biology</i> , 2020, 18, 8. | 3.8 | 16 |
| 14 | Pyridine Nucleotide Metabolites and Calcium Release from Intracellular Stores. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 371-394. | 1.6 | 15 |
| 15 | NAADP Receptors. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a035071. | 5.5 | 43 |
| 16 | A multiscale analysis in CD38 ^{âˆ’/âˆ’} mice unveils major prefrontal cortex dysfunctions. <i>FASEB Journal</i> , 2019, 33, 5823-5835. | 0.5 | 19 |
| 17 | Characterization of ADP-ribosyl cyclase 1-like (ARC1-like) activity and NAADP signaling during slow muscle cell development in zebrafish embryos. <i>Developmental Biology</i> , 2019, 445, 211-225. | 2.0 | 10 |
| 18 | TPC2-mediated Ca ²⁺ signaling is required for the establishment of synchronized activity in developing zebrafish primary motor neurons. <i>Developmental Biology</i> , 2018, 438, 57-68. | 2.0 | 10 |

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|----|---|-----|-----------|
| 19 | Adrenaline Stimulates Glucagon Secretion by Tpc2-Dependent Ca ²⁺ Mobilization From Acidic Stores in Pancreatic Î±-Cells. <i>Diabetes</i> , 2018, 67, 1128-1139. | 0.6 | 61 |
| 20 | Hippocampal mGluR1-dependent long-term potentiation requires NAADP-mediated acidic store Ca ²⁺ signaling. <i>Science Signaling</i> , 2018, 11, . | 3.6 | 41 |
| 21 | Ca ²⁺ release via two-pore channel type 2 (TPC2) is required for slow muscle cell myofibrillogenesis and myotomal patterning in intact zebrafish embryos. <i>Developmental Biology</i> , 2017, 425, 109-129. | 2.0 | 22 |
| 22 | Synthesis of the Ca ²⁺ -mobilizing messengers NAADP and cADPR by intracellular CD38 enzyme in the mouse heart: Role in Î²-adrenoceptor signaling. <i>Journal of Biological Chemistry</i> , 2017, 292, 13243-13257. | 3.4 | 44 |
| 23 | High resolution structural evidence suggests the Sarcoplasmic Reticulum forms microdomains with Acidic Stores (lysosomes) in the heart. <i>Scientific Reports</i> , 2017, 7, 40620. | 3.3 | 59 |
| 24 | Carvedilol Inhibits cADPR- and IP3-Induced Ca ²⁺ Release. <i>Messenger (Los Angeles, Calif: Print)</i> , 2016, 5, 92-99. | 0.3 | 3 |
| 25 | The two pore channel TPC2 is dispensable in pancreatic Î²-cells for normal Ca ²⁺ dynamics and insulin secretion. <i>Cell Calcium</i> , 2016, 59, 32-40. | 2.4 | 26 |
| 26 | Ebolavirus Glycoprotein Directs Fusion through NPC1 Endolysosomes. <i>Journal of Virology</i> , 2016, 90, 605-610. | 3.4 | 67 |
| 27 | Pathogenic mycobacteria achieve cellular persistence by inhibiting the Niemann-Pick Type C disease cellular pathway. <i>Wellcome Open Research</i> , 2016, 1, 18. | 1.8 | 26 |
| 28 | Expression of Ca ²⁺ -permeable two-pore channels rescues NAADP signalling in TPC-deficient cells. <i>EMBO Journal</i> , 2015, 34, 1743-1758. | 7.8 | 144 |
| 29 | Two-Pore Channels: Lessons from Mutant Mouse Models. <i>Messenger (Los Angeles, Calif: Print)</i> , 2015, 4, 4-22. | 0.3 | 22 |
| 30 | Preferential Coupling of the NAADP Pathway to Exocytosis in T-Cells. <i>Messenger (Los Angeles, Calif: Print)</i> , 2015, 4, 4-22. | 0.3 | 22 |
| 31 | Two-Pore Channel 2 activity is required for slow muscle cell-generated Ca ²⁺ signaling during myogenesis in intact zebrafish. <i>International Journal of Developmental Biology</i> , 2015, 59, 313-325. | 0.6 | 30 |
| 32 | Intracellular sphingosine releases calcium from lysosomes. <i>ELife</i> , 2015, 4, . | 6.0 | 115 |
| 33 | TPC: the NAADP discovery channel?. <i>Biochemical Society Transactions</i> , 2015, 43, 384-389. | 3.4 | 41 |
| 34 | A primer of NAADP-mediated Ca ²⁺ signalling: From sea urchin eggs to mammalian cells. <i>Cell Calcium</i> , 2015, 58, 27-47. | 2.4 | 110 |
| 35 | Imaging approaches to measuring lysosomal calcium. <i>Methods in Cell Biology</i> , 2015, 126, 159-195. | 1.1 | 36 |
| 36 | Lysosomal Two-pore Channel Subtype 2 (TPC2) Regulates Skeletal Muscle Autophagic Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 3377-3389. | 3.4 | 69 |

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|----|---|-----|-----------|
| 37 | Two-pore Channels (TPC2s) and Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) at Lysosomal-Sarcoplasmic Reticular Junctions Contribute to Acute and Chronic I^2 -Adrenoceptor Signaling in the Heart. <i>Journal of Biological Chemistry</i> , 2015, 290, 30087-30098. | 3.4 | 63 |
| 38 | Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) and Endolysosomal Two-pore Channels Modulate Membrane Excitability and Stimulus-Secretion Coupling in Mouse Pancreatic I^2 Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 21376-21392. | 3.4 | 48 |
| 39 | Reply to "TPC1 Knockout Knocks Out TPC1". <i>Molecular and Cellular Biology</i> , 2015, 35, 1884-1884. | 2.3 | 1 |
| 40 | GLP-1 stimulates insulin secretion by PKC-dependent TRPM4 and TRPM5 activation. <i>Journal of Clinical Investigation</i> , 2015, 125, 4714-4728. | 8.2 | 145 |
| 41 | Synthesis of [³² P]NAADP for the Radioreceptor Binding Assay. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot076919. | 0.3 | 1 |
| 42 | Preparation and Use of Sea Urchin Egg Homogenates for Studying NAADP-Mediated Ca^{2+} Release. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot076901-pdb.prot076901. | 0.3 | 6 |
| 43 | Identification of a Novel Gene for Diabetic Traits in Rats, Mice, and Humans. <i>Genetics</i> , 2014, 198, 17-29. | 2.9 | 44 |
| 44 | Reconstituted Human TPC1 Is a Proton-Permeable Ion Channel and Is Activated by NAADP or Ca^{2+} . <i>Science Signaling</i> , 2014, 7, ra46. | 3.6 | 79 |
| 45 | Preparation and Use of Sea Urchin Egg Homogenates. <i>Methods in Molecular Biology</i> , 2014, 1128, 161-173. | 0.9 | 4 |
| 46 | VEGF-induced neoangiogenesis is mediated by NAADP and two-pore channel-dependent Ca^{2+} signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4706-15. | 7.1 | 138 |
| 47 | "Click cyclic ADP-ribose": a neutral second messenger mimic. <i>Chemical Communications</i> , 2014, 50, 2458-2461. | 4.1 | 25 |
| 48 | Synthesis of Caged NAADP. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot076943-pdb.prot076943. | 0.3 | 0 |
| 49 | TPC1 Has Two Variant Isoforms, and Their Removal Has Different Effects on Endo-Lysosomal Functions Compared to Loss of TPC2. <i>Molecular and Cellular Biology</i> , 2014, 34, 3981-3992. | 2.3 | 76 |
| 50 | Synthesis of NAADP-AM as a Membrane-Permeant NAADP Analog. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot076927. | 0.3 | 3 |
| 51 | Two-pore channels (TPCs): Current controversies. <i>BioEssays</i> , 2014, 36, 173-183. | 2.5 | 96 |
| 52 | Measurement of Luminal pH of Acidic Stores as a Readout for NAADP Action. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot076935. | 0.3 | 1 |
| 53 | Altered distribution and function of natural killer cells in murine and human Niemann-Pick disease type C1. <i>Blood</i> , 2014, 123, 51-60. | 1.4 | 38 |
| 54 | Hax1 identified as a two-pore channel (TPC)-binding protein. <i>FEBS Letters</i> , 2013, 587, 3782-3786. | 2.8 | 20 |

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|----|---|-----|-----------|
| 55 | The endoplasmic reticulum and junctional membrane communication during calcium signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2542-2559. | 4.1 | 99 |
| 56 | Bidirectional Ca ²⁺ signaling occurs between the endoplasmic reticulum and acidic organelles. <i>Journal of Cell Biology</i> , 2013, 200, 789-805. | 5.2 | 137 |
| 57 | Cytolytic granules supply Ca ²⁺ for their own exocytosis via NAADP and resident two-pore channels. <i>Communicative and Integrative Biology</i> , 2013, 6, e24175. | 1.4 | 7 |
| 58 | NAADP-Induced Ca ²⁺ Release: Two-Pore or Not Two-Pore?. <i>Messenger (Los Angeles)</i> , 2013, 10, 10. | 0.3 | 6 |
| 59 | Photoaffinity Labeling of High Affinity Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP)-Binding Proteins in Sea Urchin Egg. <i>Journal of Biological Chemistry</i> , 2012, 287, 2308-2315. | 3.4 | 110 |
| 60 | Pyridine Nucleotide Metabolites and Calcium Release from Intracellular Stores. <i>Advances in Experimental Medicine and Biology</i> , 2012, 740, 305-323. | 1.6 | 10 |
| 61 | The luminal Ca ²⁺ chelator, TPEN, inhibits NAADP-induced Ca ²⁺ release. <i>Cell Calcium</i> , 2012, 52, 481-487. | 2.4 | 11 |
| 62 | ̳-Adrenergic receptor signaling increases NAADP and cADPR levels in the heart. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 326-329. | 2.1 | 33 |
| 63 | NAADP Activates Two-Pore Channels on T Cell Cytolytic Granules to Stimulate Exocytosis and Killing. <i>Current Biology</i> , 2012, 22, 2331-2337. | 3.9 | 121 |
| 64 | An N-terminal Dileucine Motif Directs Two-Pore Channels to the Tonoplast of Plant Cells. <i>Traffic</i> , 2012, 13, 1012-1022. | 2.7 | 43 |
| 65 | Molecular mechanisms of endolysosomal Ca ²⁺ signalling in health and disease. <i>Biochemical Journal</i> , 2011, 439, 349-378. | 3.7 | 329 |
| 66 | TPC2 is a Novel NAADP-Sensitive Intracellular Ca ²⁺ -Release Channel with Unique Gating Characteristics. <i>Biophysical Journal</i> , 2011, 100, 433a. | 0.5 | 2 |
| 67 | Synthesis of cyclic adenosine 5'-diphosphate ribose analogues: a C2' endo/syn ̳-southern ̳-ribose conformation underlies activity at the sea urchin cADPR receptor. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 278-290. | 2.8 | 23 |
| 68 | NAADP links histamine H1 receptors to secretion of von Willebrand factor in human endothelial cells. <i>Blood</i> , 2011, 117, 4968-4977. | 1.4 | 71 |
| 69 | NAADP influences excitation-contraction coupling by releasing calcium from lysosomes in atrial myocytes. <i>Cell Calcium</i> , 2011, 50, 449-458. | 2.4 | 54 |
| 70 | Physiological roles of NAADP-mediated Ca ²⁺ signaling. <i>Science China Life Sciences</i> , 2011, 54, 725-732. | 4.9 | 26 |
| 71 | NAADP Receptors. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a004036-a004036. | 5.5 | 52 |
| 72 | Two-pore Channels Form Homo- and Heterodimers. <i>Journal of Biological Chemistry</i> , 2011, 286, 37058-37062. | 3.4 | 51 |

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|----|--|-----|-----------|
| 73 | Loss of activity mutations in phospholipase C zeta (PLC ζ) abolishes calcium oscillatory ability of human recombinant protein in mouse oocytes. <i>Human Reproduction</i> , 2011, 26, 3372-3387. | 0.9 | 75 |
| 74 | Two-pore channels for integrative Ca ²⁺ signaling. <i>Communicative and Integrative Biology</i> , 2010, 3, 12-17. | 1.4 | 34 |
| 75 | NAADP as an intracellular messenger regulating lysosomal calcium-release channels. <i>Biochemical Society Transactions</i> , 2010, 38, 1424-1431. | 3.4 | 91 |
| 76 | Purified TPC Isoforms Form NAADP Receptors with Distinct Roles for Ca ²⁺ Signaling and Endolysosomal Trafficking. <i>Current Biology</i> , 2010, 20, 703-709. | 3.9 | 234 |
| 77 | TPCs: Endolysosomal channels for Ca ²⁺ mobilization from acidic organelles triggered by NAADP. <i>FEBS Letters</i> , 2010, 584, 1966-1974. | 2.8 | 71 |
| 78 | Cyclic ADP-ribose and NAADP. , 2010, , 893-896. | | 0 |
| 79 | Nicotinic acid adenine dinucleotide phosphate regulates skeletal muscle differentiation via action at two-pore channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19927-19932. | 7.1 | 64 |
| 80 | TPC2 Is a Novel NAADP-sensitive Ca ²⁺ Release Channel, Operating as a Dual Sensor of Luminal pH and Ca ²⁺ . <i>Journal of Biological Chemistry</i> , 2010, 285, 35039-35046. | 3.4 | 197 |
| 81 | TPC2 Proteins Mediate Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP)- and Agonist-evoked Contractions of Smooth Muscle. <i>Journal of Biological Chemistry</i> , 2010, 285, 24925-24932. | 3.4 | 71 |
| 82 | Acidic NAADP-sensitive Calcium Stores in the Endothelium. <i>Journal of Biological Chemistry</i> , 2010, 285, 37133-37137. | 3.4 | 57 |
| 83 | The Ecto-enzyme CD38 Is a Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Synthase That Couples Receptor Activation to Ca ²⁺ Mobilization from Lysosomes in Pancreatic Acinar Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 38251-38259. | 3.4 | 94 |
| 84 | The Calcium-mobilizing Messenger Nicotinic Acid Adenine Dinucleotide Phosphate Participates in Sperm Activation by Mediating the Acrosome Reaction. <i>Journal of Biological Chemistry</i> , 2010, 285, 18262-18269. | 3.4 | 27 |
| 85 | Ca ²⁺ Release from the Endoplasmic Reticulum of NY-ESO-1-Specific T Cells Is Modulated by the Affinity of TCR and by the Use of the CD8 Coreceptor. <i>Journal of Immunology</i> , 2010, 184, 1829-1839. | 0.8 | 36 |
| 86 | An emerging role for NAADP-mediated Ca ²⁺ signaling in the pancreatic β -cell. <i>Islets</i> , 2010, 2, 323-330. | 1.8 | 29 |
| 87 | Calcium signaling via two-pore channels: local or global, that is the question. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C430-C441. | 4.6 | 117 |
| 88 | Luminal Ca ²⁺ is a Major Sensitiser of Two-Pore Channels to NAADP. <i>Biophysical Journal</i> , 2010, 98, 682a-683a. | 0.5 | 4 |
| 89 | Analogues of the Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Antagonist Ned-19 Indicate Two Binding Sites on the NAADP Receptor. <i>Journal of Biological Chemistry</i> , 2009, 284, 34930-34934. | 3.4 | 40 |
| 90 | The acid test: the discovery of two-pore channels (TPCs) as NAADP-gated endolysosomal Ca ²⁺ release channels. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 458, 869-876. | 2.8 | 86 |

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|-----|---|------|-----------|
| 91 | NAADP mobilizes calcium from acidic organelles through two-pore channels. <i>Nature</i> , 2009, 459, 596-600. | 27.8 | 687 |
| 92 | Identification of a chemical probe for NAADP by virtual screening. <i>Nature Chemical Biology</i> , 2009, 5, 220-226. | 8.0 | 274 |
| 93 | NAADP-mediated channel "chatter"™ in neurons of the rat medulla oblongata. <i>Biochemical Journal</i> , 2009, 419, 91-99. | 3.7 | 53 |
| 94 | Niemann-Pick disease type C1 is a sphingosine storage disease that causes deregulation of lysosomal calcium. <i>Nature Medicine</i> , 2008, 14, 1247-1255. | 30.7 | 730 |
| 95 | Cell-permeant NAADP: A novel chemical tool enabling the study of Ca ²⁺ signalling in intact cells. <i>Cell Calcium</i> , 2008, 43, 531-538. | 2.4 | 73 |
| 96 | Ca ²⁺ Signaling Occurs via Second Messenger Release from Intraorganelle Synthesis Sites. <i>Current Biology</i> , 2008, 18, 1612-1618. | 3.9 | 61 |
| 97 | Investigating cADPR and NAADP in intact and broken cell preparations. <i>Methods</i> , 2008, 46, 194-203. | 3.8 | 28 |
| 98 | 2'-Deoxy Cyclic Adenosine 5'-Diphosphate Ribose Derivatives: Importance of the 2'-Hydroxyl Motif for the Antagonistic Activity of 8-Substituted cADPR Derivatives. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1623-1636. | 6.4 | 28 |
| 99 | Sperm express a Ca ²⁺ -regulated NAADP synthase. <i>Biochemical Journal</i> , 2008, 411, 63-70. | 3.7 | 25 |
| 100 | NAADP as a second messenger: neither CD38 nor base-exchange reaction are necessary for in vivo generation of NAADP in myometrial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C227-C239. | 4.6 | 96 |
| 101 | NAADP Controls Cross-talk between Distinct Ca ²⁺ Stores in the Heart. <i>Journal of Biological Chemistry</i> , 2007, 282, 15302-15311. | 3.4 | 88 |
| 102 | Fertilization and Nicotinic Acid Adenine Dinucleotide Phosphate Induce pH Changes in Acidic Ca ²⁺ Stores in Sea Urchin Eggs. <i>Journal of Biological Chemistry</i> , 2007, 282, 37730-37737. | 3.4 | 39 |
| 103 | NAADP induces pH changes in the lumen of acidic Ca ²⁺ stores. <i>Biochemical Journal</i> , 2007, 402, 301-310. | 3.7 | 85 |
| 104 | Chemo-enzymatic synthesis and biological evaluation of photolabile nicotinic acid adenine dinucleotide phosphate (NAADP+). <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 441-443. | 2.8 | 6 |
| 105 | Flipping the switch: How a sperm activates the egg at fertilization. <i>Developmental Dynamics</i> , 2007, 236, 2027-2038. | 1.8 | 91 |
| 106 | Refinement of a radioreceptor binding assay for nicotinic acid adenine dinucleotide phosphate. <i>Analytical Biochemistry</i> , 2007, 371, 26-36. | 2.4 | 28 |
| 107 | Dual effects of cyclic ADP-ribose on sarcoplasmic reticulum Ca ²⁺ release and storage in cardiac myocytes isolated from guinea-pig and rat ventricle†. <i>Cell Calcium</i> , 2007, 41, 537-546. | 2.4 | 24 |
| 108 | Cell-Permeant Small-Molecule Modulators of NAADP-Mediated Ca ²⁺ Release. <i>Chemistry and Biology</i> , 2006, 13, 659-665. | 6.0 | 16 |

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|-----|--|------|-----------|
| 109 | Calcium signalling by nicotinic acid adenine dinucleotide phosphate (NAADP). FEBS Journal, 2005, 272, 4598-4606. | 4.7 | 58 |
| 110 | NAADP receptors. Cell Calcium, 2005, 38, 273-280. | 2.4 | 51 |
| 111 | Role of NAADP and cADPR in the Induction and Maintenance of Agonist-Evoked Ca ²⁺ Spiking in Mouse Pancreatic Acinar Cells. Current Biology, 2005, 15, 874-878. | 3.9 | 137 |
| 112 | CHEMICAL SYNTHESIS OF THE NOVEL CA ²⁺ MESSENGER NAADP. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 513-518. | 1.1 | 6 |
| 113 | The NAADP Receptor: New Receptors or New Regulation?. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2005, 5, 73-79. | 3.4 | 94 |
| 114 | Methods in Cyclic ADP-Ribose and NAADP Research. , 2005, , 265-334. | | 4 |
| 115 | Organelle Selection Determines Agonist-specific Ca ²⁺ Signals in Pancreatic Acinar and Î ² Cells. Journal of Biological Chemistry, 2004, 279, 7234-7240. | 3.4 | 192 |
| 116 | Lysosome-Sarcoplasmic Reticulum Junctions. Journal of Biological Chemistry, 2004, 279, 54319-54326. | 3.4 | 179 |
| 117 | Chemical Synthesis of the Second Messenger Nicotinic Acid Adenine Dinucleotide Phosphate by Total Synthesis of Nicotinamide Adenine Dinucleotide Phosphate. Angewandte Chemie - International Edition, 2004, 43, 4637-4640. | 13.8 | 14 |
| 118 | Aplysia californica mediated cyclisation of novel 3â€²-modified NAD + analogues: a role for hydrogen bonding in the recognition of cyclic adenosine 5â€²-diphosphate ribose. Bioorganic and Medicinal Chemistry, 2004, 12, 475-487. | 3.0 | 11 |
| 119 | Intracellular Calcium Channels: cADPR-Modulated (Ryanodine Receptors). , 2004, , 465-468. | | 0 |
| 120 | Sperm Deliver a New Second Messenger. Current Biology, 2003, 13, 125-128. | 3.9 | 155 |
| 121 | NAADP. Current Biology, 2003, 13, 247-251. | 3.9 | 159 |
| 122 | Convergent Synthesis and Unexpected Ca ²⁺ -Mobilizing Activity of 8-Substituted Analogues of Cyclic ADP-Carbocyclic-Ribose, a Stable Mimic of the Ca ²⁺ -Mobilizing Second Messenger Cyclic ADP-Ribose. Journal of Medicinal Chemistry, 2003, 46, 4741-4749. | 6.4 | 24 |
| 123 | Phospholipase C-dependent Ca ²⁺ release by worm and mammal sperm factors. Biochemical and Biophysical Research Communications, 2003, 307, 47-51. | 2.1 | 10 |
| 124 | The NO Pathway Acts Late during the Fertilization Response in Sea Urchin Eggs. Journal of Biological Chemistry, 2003, 278, 12247-12254. | 3.4 | 67 |
| 125 | Vasodilation by the Calcium-mobilizing Messenger Cyclic ADP-ribose. Journal of Biological Chemistry, 2003, 278, 9602-9608. | 3.4 | 50 |
| 126 | Cyclic ADP-ribose and NAADP. , 2003, , 15-17. | | 1 |

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|-----|---|------|-----------|
| 127 | Nicotinic Acid Adenine Dinucleotide Phosphate Mediates Ca ²⁺ Signals and Contraction in Arterial Smooth Muscle via a Two-Pool Mechanism. <i>Circulation Research</i> , 2002, 91, 1168-1175. | 4.5 | 106 |
| 128 | A pivotal role for cADPR-mediated Ca ²⁺ signaling: regulation of endothelin-induced contraction in peritubular smooth muscle cells. <i>FASEB Journal</i> , 2002, 16, 697-705. | 0.5 | 56 |
| 129 | Solubilization of Receptors for the Novel Ca ²⁺ -mobilizing Messenger, Nicotinic Acid Adenine Dinucleotide Phosphate. <i>Journal of Biological Chemistry</i> , 2002, 277, 43717-43723. | 3.4 | 51 |
| 130 | Metabolism of the novel Ca ²⁺ -mobilizing messenger nicotinic acid adenine dinucleotide phosphate via a 2 ⁺ -specific Ca ²⁺ -dependent phosphatase. <i>Biochemical Journal</i> , 2002, 365, 295-301. | 3.7 | 43 |
| 131 | NAADP Mobilizes Ca ²⁺ from Reserve Granules, Lysosome-Related Organelles, in Sea Urchin Eggs. <i>Cell</i> , 2002, 111, 703-708. | 28.9 | 442 |
| 132 | Calmodulin Dissociation Mediates Desensitization of the cADPR-Induced Ca ²⁺ Release Mechanism. <i>Current Biology</i> , 2002, 12, 2018-2022. | 3.9 | 25 |
| 133 | Transformation of local Ca ²⁺ spikes to global Ca ²⁺ transients: the combinatorial roles of multiple Ca ²⁺ releasing messengers. <i>EMBO Journal</i> , 2002, 21, 909-919. | 7.8 | 166 |
| 134 | Spatial and Temporal Control of Calcium Signaling by NAADP. , 2002, , 199-215. | | 2 |
| 135 | Regulation of Synthesis of cADPR and NAADP. , 2002, , 45-64. | | 1 |
| 136 | Sensitizing Calcium-Induced Calcium Release. , 2002, , 167-197. | | 2 |
| 137 | Ca ²⁺ Release Induced by Cyclic ADP Ribose in Mice Lacking Type 3 Ryanodine Receptor. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 697-702. | 2.1 | 7 |
| 138 | Coordination of Ca ²⁺ signalling by NAADP. <i>Trends in Biochemical Sciences</i> , 2001, 26, 482-489. | 7.5 | 151 |
| 139 | ADP-ribosyl Cyclase and Cyclic ADP-ribose Hydrolase Act as a Redox Sensor. <i>Journal of Biological Chemistry</i> , 2001, 276, 11180-11188. | 3.4 | 116 |
| 140 | Prolonged Inactivation of Nicotinic Acid Adenine Dinucleotide Phosphate-induced Ca ²⁺ Release Mediates a Spatiotemporal Ca ²⁺ Memory. <i>Journal of Biological Chemistry</i> , 2001, 276, 11223-11225. | 3.4 | 39 |
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