

Ernesto Carafoli

List of Publications by Year in descending order

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391
papers

28,537
citations

4960

84
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6996

154
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409
all docs

409
docs citations

409
times ranked

14912
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | SCIENTIFIC FRAUD Part II: From Past to Present, Facts and Analyses. European Review, 2022, 30, 850-871. | 0.7 | 2 |
| 2 | Obituary for Dr. William Lennarz. Biochemical and Biophysical Research Communications, 2022, 600, 51-53. | 2.1 | 0 |
| 3 | Calcium and Calmodulin Signaling. , 2022, , . | | 0 |
| 4 | Chloroquine and hydroxychloroquine in the prophylaxis and therapy of COVID-19 infection. Biochemical and Biophysical Research Communications, 2021, 538, 156-162. | 2.1 | 7 |
| 5 | History of the COVID-19 pandemic: Origin, explosion, worldwide spreading. Biochemical and Biophysical Research Communications, 2021, 538, 14-23. | 2.1 | 72 |
| 6 | Biodiversity loss and COVID-19 pandemic: The role of bats in the origin and the spreading of the disease. Biochemical and Biophysical Research Communications, 2021, 538, 2-13. | 2.1 | 47 |
| 7 | Remdesivir: From Ebola to COVID-19. Biochemical and Biophysical Research Communications, 2021, 538, 145-150. | 2.1 | 39 |
| 8 | COVID19: an announced pandemic. Cell Death and Disease, 2020, 11, 799. | 6.3 | 59 |
| 9 | BCG vaccination policy and preventive chloroquine usage: do they have an impact on COVID-19 pandemic?. Cell Death and Disease, 2020, 11, 516. | 6.3 | 49 |
| 10 | Is hydroxychloroquine beneficial for COVID-19 patients?. Cell Death and Disease, 2020, 11, 512. | 6.3 | 82 |
| 11 | For love of BBRC. Biochemical and Biophysical Research Communications, 2019, 520, 659-665. | 2.1 | 1 |
| 12 | A V1143F mutation in the neuronal-enriched isoform 2 of the PMCA pump is linked with ataxia. Neurobiology of Disease, 2018, 115, 157-166. | 4.4 | 15 |
| 13 | The PMCA pumps in genetically determined neuronal pathologies. Neuroscience Letters, 2018, 663, 2-11. | 2.1 | 21 |
| 14 | Editorial. Neuroscience Letters, 2018, 663, 1. | 2.1 | 0 |
| 15 | Mammalian Calcium Pumps in Health and Disease. , 2018, , 49-59. | | 0 |
| 16 | The complex structure of the creativity process. Rendiconti Lincei, 2017, 28, 449-462. | 2.2 | 0 |
| 17 | A novel PMCA3 mutation in an ataxic patient with hypomorphic phosphomannomutase 2 (PMM2) heterozygote mutations: Biochemical characterization of the pump defect. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 3303-3312. | 3.8 | 17 |
| 18 | The plasma membrane calcium pumps: focus on the role in (neuro)pathology. Biochemical and Biophysical Research Communications, 2017, 483, 1116-1124. | 2.1 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | The ataxia related G1107D mutation of the plasma membrane Ca ²⁺ ATPase isoform 3 affects its interplay with calmodulin and the autoinhibition process. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 165-173. | 3.8 | 25 |
| 20 | Spontaneous shaker rat mutant "a new model for X-linked tremor-ataxia. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 553-62. | 2.4 | 17 |
| 21 | Reform oversight of Italy's science funds. <i>Nature</i> , 2016, 533, 179-179. | 27.8 | 0 |
| 22 | Historical perspective: An interview of Vladimir Skulachev " by Ernesto Carafoli "†". <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 411-416. | 2.1 | 0 |
| 23 | Why Calcium? How Calcium Became the Best Communicator. <i>Journal of Biological Chemistry</i> , 2016, 291, 20849-20857. | 3.4 | 295 |
| 24 | The Plasma Membrane Ca ²⁺ ATPase: Purification by Calmodulin Affinity Chromatography, and Reconstitution of the Purified Protein. <i>Methods in Molecular Biology</i> , 2016, 1377, 57-70. | 0.9 | 7 |
| 25 | The creativity process: freedom and constraints. <i>Rendiconti Lincei</i> , 2016, 27, 413-425. | 2.2 | 2 |
| 26 | Calcium Handling by Endoplasmic Reticulum and Mitochondria in a Cell Model of Huntington's Disease. <i>PLOS Currents</i> , 2016, 8, . | 1.4 | 10 |
| 27 | The Plasma Membrane Calcium ATPase: Historical Appraisal and Some New Concepts. , 2016, , 3-11. | | 1 |
| 28 | Historical perspective: An interview with renowned Immunologist Dr. Michael Sela. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 376-378. | 2.1 | 0 |
| 29 | A Novel Mutation in Isoform 3 of the Plasma Membrane Ca ²⁺ Pump Impairs Cellular Ca ²⁺ Homeostasis in a Patient with Cerebellar Ataxia and Laminin Subunit 11± Mutations. <i>Journal of Biological Chemistry</i> , 2015, 290, 16132-16141. | 3.4 | 41 |
| 30 | Scientific misconduct: the dark side of science. <i>Rendiconti Lincei</i> , 2015, 26, 369-382. | 2.2 | 16 |
| 31 | Mammalian Calcium Pumps in Health and Disease. , 2014, , 43-53. | | 2 |
| 32 | The Plasma Membrane Calcium Pump: New Ways to Look at an Old Enzyme. <i>Journal of Biological Chemistry</i> , 2014, 289, 10261-10268. | 3.4 | 106 |
| 33 | Neuronal calcium signaling: function and dysfunction. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2787-2814. | 5.4 | 501 |
| 34 | Brain science and human culture. <i>Rendiconti Lincei</i> , 2014, 25, 275-276. | 2.2 | 12 |
| 35 | Historical introduction. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 365-366. | 2.1 | 3 |
| 36 | On beauty and truth in art and science. <i>Rendiconti Lincei</i> , 2013, 24, 67-88. | 2.2 | 2 |

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| 37 | A bizarre case of scientific fraud. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 529-530. | 2.1 | 3 |
| 38 | An interview by Dr. Ernesto Carafoli with Dr. Gottfried Schatz. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 411-412. | 2.1 | 0 |
| 39 | An interview by Dr. Ernesto Carafoli with Dr. Edmond H. Fischer. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 868-870. | 2.1 | 0 |
| 40 | An Interview of Dr. Ernesto Carafoli with Charles Weissmann. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 461-462. | 2.1 | 0 |
| 41 | Neuronal Ca ²⁺ dyshomeostasis in Huntington disease. <i>Prion</i> , 2013, 7, 76-84. | 1.8 | 45 |
| 42 | Intracellular Calcium Homeostasis and Signaling. <i>Metal Ions in Life Sciences</i> , 2013, 12, 119-168. | 2.8 | 116 |
| 43 | The plasma membrane calcium pump in health and disease. <i>FEBS Journal</i> , 2013, 280, 5385-5397. | 4.7 | 139 |
| 44 | Plasma membrane calcium ATPases and related disorders. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 753-762. | 2.8 | 28 |
| 45 | Amarcord: I Remember. <i>Journal of Biological Chemistry</i> , 2013, 288, 25668-25682. | 3.4 | 1 |
| 46 | Special issue focused on the International Symposium on Biology and Translational Aspects of Neurodegeneration at Venice, Italy, March 2012. <i>Prion</i> , 2013, 7, 1-1. | 1.8 | 10 |
| 47 | Calcium in Health and Disease. <i>Metal Ions in Life Sciences</i> , 2013, 13, 81-137. | 2.8 | 105 |
| 48 | Ca ²⁺ -activated Nucleotidase 1, a Novel Target Gene for the Transcriptional Repressor DREAM (Downstream Regulatory Element Antagonist Modulator), Is Involved in Protein Folding and Degradation. <i>Journal of Biological Chemistry</i> , 2012, 287, 18478-18491. | 3.4 | 12 |
| 49 | Calcium Pumps: Why So Many?. , 2012, 2, 1045-1060. | | 34 |
| 50 | Introduction to Thematic Minireview Series on Calcium. <i>Journal of Biological Chemistry</i> , 2012, 287, 31623. | 3.4 | 1 |
| 51 | Mutation of plasma membrane Ca ²⁺ ATPase isoform 3 in a family with X-linked congenital cerebellar ataxia impairs Ca ²⁺ homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14514-14519. | 7.1 | 113 |
| 52 | Crystal structure of sarcoplasmic reticulum Ca ²⁺ -ATPase (SERCA) from bovine muscle. <i>Journal of Structural Biology</i> , 2012, 178, 38-44. | 2.8 | 35 |
| 53 | An interview by Dr. Ernesto Carafoli with, Editor-in-Chief of <i>Biochemical and Biophysical Research Communications</i> (BBRC), Dr. William Lennarz. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 495-496. | 2.1 | 0 |
| 54 | Hair cells, plasma membrane Ca ²⁺ ATPase and deafness. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 679-683. | 2.8 | 20 |

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| 55 | Perspectives in neuroaesthetics foreword. <i>Rendiconti Lincei</i> , 2012, 23, 225-226. | 2.2 | 1 |
| 56 | Reduced Mid1 Expression and Delayed Neuromotor Development in daDREAM Transgenic Mice. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 58. | 2.9 | 15 |
| 57 | The interplay of mitochondria with calcium: An historical appraisal. <i>Cell Calcium</i> , 2012, 52, 1-8. | 2.4 | 48 |
| 58 | Pitfalls in the detection of cholesterol in Huntington's disease models. <i>PLOS Currents</i> , 2012, 4, e505886e9a1968. | 1.4 | 13 |
| 59 | Mutations in PMCA2 and hereditary deafness: A molecular analysis of the pump defect. <i>Cell Calcium</i> , 2011, 50, 569-576. | 2.4 | 31 |
| 60 | The Plasma Membrane Ca ²⁺ ATPase and the Plasma Membrane Sodium Calcium Exchanger Cooperate in the Regulation of Cell Calcium. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a004168-a004168. | 5.5 | 237 |
| 61 | Ca ²⁺ dysfunction in neurodegenerative disorders: Alzheimer's disease. <i>BioFactors</i> , 2011, 37, 189-196. | 5.4 | 37 |
| 62 | Calcium signaling and disease: Preface. <i>BioFactors</i> , 2011, 37, 131-131. | 5.4 | 7 |
| 63 | The plasma membrane calcium pump in the hearing process: physiology and pathology. <i>Science China Life Sciences</i> , 2011, 54, 686-690. | 4.9 | 17 |
| 64 | Ca ²⁺ : a versatile master key for intracellular signaling cascades. <i>Science China Life Sciences</i> , 2011, 54, 683-685. | 4.9 | 5 |
| 65 | The fateful encounter of mitochondria with calcium: How did it happen?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 595-606. | 1.0 | 106 |
| 66 | Mitochondrial fission and cristae disruption increase the response of cell models of Huntington's disease to apoptotic stimuli. <i>EMBO Molecular Medicine</i> , 2010, 2, 490-503. | 6.9 | 240 |
| 67 | Calcium Pumps. , 2010, , 943-947. | | 1 |
| 68 | Plasma Membrane Ca ²⁺ -ATPase Overexpression Depletes Both Mitochondrial and Endoplasmic Reticulum Ca ²⁺ Stores and Triggers Apoptosis in Insulin-secreting BRIN-BD11 Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 30634-30643. | 3.4 | 33 |
| 69 | The Novel PMCA2 Pump Mutation Tommy Impairs Cytosolic Calcium Clearance in Hair Cells and Links to Deafness in Mice. <i>Journal of Biological Chemistry</i> , 2010, 285, 37693-37703. | 3.4 | 53 |
| 70 | Deletions and Mutations in the Acidic Lipid-binding Region of the Plasma Membrane Ca ²⁺ Pump. <i>Journal of Biological Chemistry</i> , 2010, 285, 30779-30791. | 3.4 | 22 |
| 71 | Calcium Pumps in Health and Disease. <i>Physiological Reviews</i> , 2009, 89, 1341-1378. | 28.8 | 553 |
| 72 | A proteomic study of calpain-3 and its involvement in limb girdle muscular dystrophy type 2a. <i>Cell Calcium</i> , 2009, 46, 356-363. | 2.4 | 8 |

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| 73 | Science and art: biology and psychology of creativity. <i>Rendiconti Lincei</i> , 2009, 20, 177-197. | 2.2 | 1 |
| 74 | Scientific and Artistic Creativity: In Search of Unifying Analogies. , 2009, , 239-264. | | 1 |
| 75 | Calcium and signal transduction. <i>Biochemistry and Molecular Biology Education</i> , 2008, 36, 175-180. | 1.2 | 16 |
| 76 | Inhibitory interaction of the 14-3-3 proteins with ubiquitous (PMCA1) and tissue-specific (PMCA3) isoforms of the plasma membrane Ca ²⁺ pump. <i>Cell Calcium</i> , 2008, 43, 550-561. | 2.4 | 34 |
| 77 | The plasma membrane Ca ²⁺ ATPase of animal cells: Structure, function and regulation. <i>Archives of Biochemistry and Biophysics</i> , 2008, 476, 65-74. | 3.0 | 241 |
| 78 | Interplay of the Ca ²⁺ -binding Protein DREAM with Presenilin in Neuronal Ca ²⁺ Signaling. <i>Journal of Biological Chemistry</i> , 2008, 283, 27494-27503. | 3.4 | 23 |
| 79 | Calcium Homeostasis and Mitochondrial Dysfunction in Striatal Neurons of Huntington Disease. <i>Journal of Biological Chemistry</i> , 2008, 283, 5780-5789. | 3.4 | 168 |
| 80 | The Novel Mouse Mutation Oblivion Inactivates the PMCA2 Pump and Causes Progressive Hearing Loss. <i>PLoS Genetics</i> , 2008, 4, e1000238. | 3.5 | 56 |
| 81 | The unusual history and unique properties of the calcium signal. <i>New Comprehensive Biochemistry</i> , 2007, , 3-22. | 0.1 | 7 |
| 82 | A functional study of plasma-membrane calcium-pump isoform 2 mutants causing digenic deafness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1516-1521. | 7.1 | 116 |
| 83 | The plasma membrane calcium pump. <i>New Comprehensive Biochemistry</i> , 2007, , 179-197. | 0.1 | 8 |
| 84 | Plasma-membrane calcium pumps and hereditary deafness. <i>Biochemical Society Transactions</i> , 2007, 35, 913-918. | 3.4 | 10 |
| 85 | The role of phosphorylation on the structure and dynamics of phospholamban: A model from molecular simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 66, 930-940. | 2.6 | 29 |
| 86 | Energy-Linked Ion Movements in Mitochondrial Systems. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , 2006, 29, 259-320. | 1.3 | 225 |
| 87 | Inhibitory Interaction of the Plasma Membrane Na ⁺ /Ca ²⁺ Exchangers with the 14-3-3 Proteins. <i>Journal of Biological Chemistry</i> , 2006, 281, 19645-19654. | 3.4 | 24 |
| 88 | Calcium - a universal carrier of biological signals. <i>FEBS Journal</i> , 2005, 272, 1073-1089. | 4.7 | 80 |
| 89 | The Symposia on Calcium Binding Proteins and Calcium Function in Health and Disease: an historical account, and an appraisal of their role in spreading the calcium message. <i>Cell Calcium</i> , 2005, 37, 279-281. | 2.4 | 8 |
| 90 | Exporting calcium from cells. <i>Cell Calcium</i> , 2005, 38, 281-289. | 2.4 | 145 |

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| 91 | A historical review of cellular calcium handling, with emphasis on mitochondria. <i>Biochemistry (Moscow)</i> , 2005, 70, 187-194. | 1.5 | 111 |
| 92 | Ca ²⁺ Signaling in HEK-293 and Skeletal Muscle Cells Expressing Recombinant Ryanodine Receptors Harboring Malignant Hyperthermia and Central Core Disease Mutations. <i>Journal of Biological Chemistry</i> , 2005, 280, 15380-15389. | 3.4 | 58 |
| 93 | Inhibitory Interaction of the 14-3-3 μ Protein with Isoform 4 of the Plasma Membrane Ca ²⁺ -ATPase Pump. <i>Journal of Biological Chemistry</i> , 2005, 280, 37195-37203. | 3.4 | 67 |
| 94 | Downstream Regulatory Element Antagonist Modulator Regulates Ca ²⁺ Homeostasis and Viability in Cerebellar Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 10822-10830. | 3.6 | 93 |
| 95 | Cleavage of the Plasma Membrane Na ⁺ /Ca ²⁺ Exchanger in Excitotoxicity. <i>Cell</i> , 2005, 120, 275-285. | 28.9 | 511 |
| 96 | Calcium-mediated cellular signals: a story of failures. <i>Trends in Biochemical Sciences</i> , 2004, 29, 371-379. | 7.5 | 58 |
| 97 | Calcium signaling: A historical account. <i>Biological Research</i> , 2004, 37, 497-505. | 3.4 | 7 |
| 98 | Historical review: Mitochondria and calcium: ups and downs of an unusual relationship. <i>Trends in Biochemical Sciences</i> , 2003, 28, 175-181. | 7.5 | 132 |
| 99 | The Regulation of the Calcium Signal by Membrane Pumps. <i>Helvetica Chimica Acta</i> , 2003, 86, 3875-3888. | 1.6 | 5 |
| 100 | Control of the Na ⁺ /Ca ²⁺ exchanger 3 promoter by cyclic adenosine monophosphate and Ca ²⁺ in differentiating neurons. <i>Journal of Neurochemistry</i> , 2003, 84, 282-293. | 3.9 | 23 |
| 101 | The calcium-signalling saga: tap water and protein crystals. <i>Nature Reviews Molecular Cell Biology</i> , 2003, 4, 326-332. | 37.0 | 90 |
| 102 | Expression, Purification, and Characterization of Isoform 1 of the Plasma Membrane Ca ²⁺ Pump. <i>Journal of Biological Chemistry</i> , 2003, 278, 38141-38148. | 3.4 | 71 |
| 103 | A Comparative Functional Analysis of Plasma Membrane Ca ²⁺ Pump Isoforms in Intact Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 24500-24508. | 3.4 | 90 |
| 104 | Calcium Pumps. , 2003, , 57-61. | | 0 |
| 105 | Calcium signaling: A tale for all seasons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1115-1122. | 7.1 | 726 |
| 106 | Differential membrane targeting of the SERCA and PMCA calcium pumps: experiments with recombinant chimeras. <i>FASEB Journal</i> , 2002, 16, 519-528. | 0.5 | 9 |
| 107 | Recombinant Expression of the Plasma Membrane Na ⁺ /Ca ²⁺ Exchanger Affects Local and Global Ca ²⁺ Homeostasis in Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 38693-38699. | 3.4 | 14 |
| 108 | The human SLC8A3 gene and the tissue-specific Na ⁺ /Ca ²⁺ exchanger 3 isoforms. <i>Gene</i> , 2002, 298, 1-7. | 2.2 | 26 |

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| 109 | A Structural Model of the Complex Formed by Phospholamban and the Calcium Pump of Sarcoplasmic Reticulum Obtained by Molecular Mechanics. <i>ChemBioChem</i> , 2002, 3, 1200-1208. | 2.6 | 33 |
| 110 | Cleavage of plasma membrane calcium pumps by caspases: a link between apoptosis and necrosis. <i>Cell Death and Differentiation</i> , 2002, 9, 818-831. | 11.2 | 247 |
| 111 | The Gene Promoter of Human Na ⁺ /Ca ²⁺ Exchanger Isoform 3 (SLC8A3) Is Controlled by cAMP and Calcium. <i>Annals of the New York Academy of Sciences</i> , 2002, 976, 282-284. | 3.8 | 6 |
| 112 | A Study of the Activity of the Plasma Membrane Na/Ca Exchanger in the Cellular Environment. <i>Annals of the New York Academy of Sciences</i> , 2002, 976, 376-381. | 3.8 | 4 |
| 113 | Synthesis and purification of unphosphorylated and phosphorylated Phospholamban. , 2002, , 709-710. | | 0 |
| 114 | Generation, Control, and Processing of Cellular Calcium Signals. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2001, 36, 107-260. | 5.2 | 459 |
| 115 | NAADP+initiates the Ca ²⁺ response during fertilization of starfish oocytes. <i>FASEB Journal</i> , 2001, 15, 2257-2267. | 0.5 | 87 |
| 116 | NMR Solution Structure of Phospholamban. <i>Helvetica Chimica Acta</i> , 2000, 83, 2141-2152. | 1.6 | 73 |
| 117 | Characterization of L-carnitine transport into rat skeletal muscle plasma membrane vesicles. <i>FEBS Journal</i> , 2000, 267, 1985-1994. | 0.2 | 31 |
| 118 | The N-terminal portion of the main cytosolic loop mediates K ⁺ sensitivity in the retinal rod Na ⁺ /Ca ²⁺ -K ⁺ -exchanger. <i>FEBS Journal</i> , 2000, 267, 2461-2472. | 0.2 | 7 |
| 119 | Calcium signalling, coming of age. <i>FEBS Journal</i> , 2000, 267, 5268-5268. | 0.2 | 0 |
| 120 | Calcium pumps: structural basis for and mechanism of calcium transmembrane transport. <i>Current Opinion in Chemical Biology</i> , 2000, 4, 152-161. | 6.1 | 147 |
| 121 | Effects of PMCA and SERCA pump overexpression on the kinetics of cell Ca ²⁺ signalling. <i>EMBO Journal</i> , 2000, 19, 4926-4935. | 7.8 | 108 |
| 122 | Calcineurin Controls the Expression of Isoform 4CII of the Plasma Membrane Ca ²⁺ Pump in Neurons. <i>Journal of Biological Chemistry</i> , 2000, 275, 3706-3712. | 3.4 | 58 |
| 123 | Single Amino Acid Mutations in Transmembrane Domain 5 Confer to the Plasma Membrane Ca ²⁺ Pump Properties Typical of the Ca ²⁺ Pump of Endo(sarco)plasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2000, 275, 31361-31368. | 3.4 | 34 |
| 124 | Affinity Purification of ½-Calpain from Erythrocytes on an Immobilized Peptide from the Plasma Membrane Calcium Pump: Some Studies on Erythrocyte ½-Calpain. , 2000, 144, 41-46. | | 1 |
| 125 | Nicotinic Acid Adenine Dinucleotide Phosphate-induced Ca ²⁺ Release. <i>Journal of Biological Chemistry</i> , 2000, 275, 8301-8306. | 3.4 | 101 |
| 126 | Calcineurin Controls the Transcription of Na ⁺ /Ca ²⁺ Exchanger Isoforms in Developing Cerebellar Neurons. <i>Journal of Biological Chemistry</i> , 2000, 275, 20903-20910. | 3.4 | 83 |

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| 127 | Breakdown of Cytoskeletal Proteins during Meiosis of Starfish Oocytes and Proteolysis Induced by Calpain. <i>Experimental Cell Research</i> , 2000, 259, 117-126. | 2.6 | 27 |
| 128 | The Na ⁺ /Ca ²⁺ Exchanger: Structural Aspects, Function and Regulation. , 2000, , 173-188. | | 2 |
| 129 | Calcineurin controls inositol 1,4,5-trisphosphate type 1 receptor expression in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 5797-5801. | 7.1 | 163 |
| 130 | Identification and Functional Expression of the Plasma Membrane Calcium ATPase Gene Family from <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 4254-4258. | 3.4 | 18 |
| 131 | The Expression of Plasma Membrane Ca ²⁺ Pump Isoforms in Cerebellar Granule Neurons Is Modulated by Ca ²⁺ . <i>Journal of Biological Chemistry</i> , 1999, 274, 1667-1676. | 3.4 | 100 |
| 132 | Expression, partial purification and functional properties of the muscle-specific calpain isoform p94. <i>FEBS Journal</i> , 1999, 265, 839-846. | 0.2 | 56 |
| 133 | Tyrosine phosphorylation modulates the interaction of calmodulin with its target proteins. <i>FEBS Journal</i> , 1999, 262, 790-802. | 0.2 | 49 |
| 134 | Plasma membrane calcium ATPase isoforms in astrocytes. <i>Glia</i> , 1999, 28, 150-155. | 4.9 | 35 |
| 135 | NMR Solution Structure of a Complex of Calmodulin with a Binding Peptide of the Ca ²⁺ Pump. <i>Biochemistry</i> , 1999, 38, 12320-12332. | 2.5 | 202 |
| 136 | Calcium Controls the Transcription of Its Own Transporters and Channels in Developing Neurons. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 624-632. | 2.1 | 72 |
| 137 | Microinjection of Ca ²⁺ Store-Enriched Microsome Fractions to Dividing Newt Eggs Induces Extra-Cleavage Furrows via Inositol 1,4,5- Trisphosphate-Induced Ca ²⁺ Release. <i>Developmental Biology</i> , 1999, 214, 160-167. | 2.0 | 14 |
| 138 | Serine/threonine phosphorylation of calmodulin modulates its interaction with the binding domains of target enzymes. <i>Biochemical Journal</i> , 1999, 344, 403-411. | 3.7 | 16 |
| 139 | Serine/threonine phosphorylation of calmodulin modulates its interaction with the binding domains of target enzymes. <i>Biochemical Journal</i> , 1999, 344, 403. | 3.7 | 12 |
| 140 | Calcium, protease action, and the regulation of the cell cycle. <i>Cell Calcium</i> , 1998, 23, 123-130. | 2.4 | 74 |
| 141 | Phosphorylation of Calmodulin Alters Its Potency as an Activator of Target Enzymes. <i>Biochemistry</i> , 1998, 37, 6523-6532. | 2.5 | 50 |
| 142 | Calpain: A Protease in Search of a Function?. <i>Biochemical and Biophysical Research Communications</i> , 1998, 247, 193-203. | 2.1 | 352 |
| 143 | The Effect of Ethanol on the Plasma Membrane Calcium Pump Is Isoform-specific. <i>Journal of Biological Chemistry</i> , 1998, 273, 29811-29815. | 3.4 | 21 |
| 144 | A Novel Molecular Determinant for cAMP-dependent Regulation of the Frog Heart Na ⁺ -Ca ²⁺ -Exchanger. <i>Journal of Biological Chemistry</i> , 1998, 273, 18819-18825. | 3.4 | 23 |

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|-----|--|-----|-----------|
| 145 | Cloning of the Multipartite Promoter of the Sodium-Calcium Exchanger Gene NCX1 and Characterization of Its Activity in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 7643-7649. | 3.4 | 33 |
| 146 | Plasma membrane calcium pump: structure, function, and relationships. , 1998, , 85-88. | | 0 |
| 147 | Functional Properties of Recombinant Calpain I and of Mutants Lacking Domains III and IV of the Catalytic Subunit. <i>Journal of Biological Chemistry</i> , 1997, 272, 25802-25808. | 3.4 | 27 |
| 148 | Calcium signaling in the cell nucleus. <i>FASEB Journal</i> , 1997, 11, 1091-1109. | 0.5 | 202 |
| 149 | Subcellular and Tissue Distribution, Partial Purification, and Sequencing of Calmodulin-Stimulated Ca ²⁺ -Transporting ATPases from Barley (<i>Hordeum Vulgare</i> L.) and Tobacco (<i>Nicotiana Tabacum</i>). <i>FEBS Journal</i> , 1997, 244, 31-38. | 0.2 | 13 |
| 150 | Purification of the Cardiac Sarcoplasmic Reticulum Membrane Protein Phospholamban from Recombinant <i>Escherichia Coli</i> . <i>FEBS Journal</i> , 1997, 248, 814-819. | 0.2 | 8 |
| 151 | Immunolocalization of the plasma membrane Ca ²⁺ pump isoforms in the rat brain. <i>Brain Research</i> , 1997, 748, 21-29. | 2.2 | 81 |
| 152 | Calpain: A Cytosolic Proteinase Active at the Membranes. <i>Journal of Membrane Biology</i> , 1997, 156, 1-8. | 2.1 | 146 |
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