

Kinetic Analyses of Calcium Movements in HeLa Cell Cu

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#	ARTICLE	IF	CITATIONS
1	Kinetic Analyses of Calcium Movements in HeLa Cell Cultures. Journal of General Physiology, 1969, 53, 57-69.	1.9	88
2	Kinetic Analyses of Calcium Movements in HeLa Cell Cultures. Journal of General Physiology, 1969, 53, 43-56.	1.9	115
3	Kinetic Analyses of Calcium Movements in Cell Cultures. Journal of General Physiology, 1970, 55, 163-186.	1.9	88
4	Effects of monovalent cations on the (Mg ²⁺ + Ca ²⁺)-dependent ATPase of the red cell membrane. Biochimica Et Biophysica Acta - Biomembranes, 1971, 241, 393-398.	2.6	66
5	Uptake of Mg ²⁺ by KB cells. Biochimica Et Biophysica Acta - Biomembranes, 1971, 225, 71-76.	2.6	16
6	Effect of Na, metabolic inhibitors and ATP on Ca movements in L cells. Journal of Physiology, 1971, 218, 691-708.	2.9	42
7	Effect of ouabain and metabolic inhibitors on the Na and K movements of nucleotide contents of L cells. Journal of Physiology, 1971, 213, 665-682.	2.9	54
8	MOVEMENTS OF CALCIUM AND OTHER CATIONS IN ISOLATED CEREBRAL TISSUES. Journal of Neurochemistry, 1971, 18, 415-427.	3.9	43
9	LANTHANUM IN HEART CELL CULTURE. Journal of Cell Biology, 1972, 54, 441-455.	5.2	280
10	Transport of calcium in the perfused submandibular gland of the cat. Journal of Physiology, 1972, 223, 685-697.	2.9	84
11	Enhanced uptake of calcium by transforming lymphocytes. Cellular Immunology, 1972, 5, 137-147.	3.0	159
12	Transport and metabolism of calcium ions in nerve. Progress in Biophysics and Molecular Biology, 1972, 24, 177-223.	2.9	719
13	CALCIUM MOVEMENTS IN BRAIN SLICES IN LOW SODIUM OR CALCIUM MEDIA. Journal of Neurochemistry, 1972, 19, 2395-2407.	3.9	68
14	Kinetic analysis of calcium movements in cell culture. Journal of Membrane Biology, 1972, 10, 45-66.	2.1	122
15	Characteristics of calcium accumulation by lymphocytes and alterations in the process induced by phytohemagglutinin. Journal of Cellular Physiology, 1973, 82, 9-19.	4.1	85
16	Calcium Efflux from Internally Dialyzed Squid Giant Axons. Journal of General Physiology, 1973, 62, 575-589.	1.9	73
17	Control of Membrane K ⁺ Permeability in a Hyperpolarizing Photoreceptor: Similar Effects of Light and Metabolic Inhibitors. Science, 1974, 185, 620-621.	12.6	28
18	Calcium transport in isolated bone cells II. Calcium transport studies. Journal of Cellular Physiology, 1974, 84, 85-96.	4.1	47

#	ARTICLE	IF	CITATIONS
19	Kinetic studies of calcium movements in intestinal cells: Effects of vitamin D deficiency and treatment. <i>Journal of Membrane Biology</i> , 1974, 16, 207-220.	2.1	27
20	The interrelationship between sodium and calcium fluxes across cell membranes. , 1974, 70, 33-82.		534
21	Effects of energy deprivation on Wallerian degeneration in isolated segments of rat peripheral nerve. <i>Brain Research</i> , 1974, 78, 71-81.	2.2	35
22	Effects of potassium, veratridine, and scorpion venom on calcium accumulation and transmitter release by nerve terminals in vitro.. <i>Journal of Physiology</i> , 1975, 247, 617-655.	2.9	534
23	Catecholamine release from bovine adrenal medulla in response to maintained depolarization.. <i>Journal of Physiology</i> , 1975, 253, 593-620.	2.9	165
24	Active Calcium Transport and Ca ²⁺ -Activated ATPase in Human Red Cells. <i>Current Topics in Membranes and Transport</i> , 1975, , 125-168.	0.6	105
25	Relationships between the exchange of calcium and phosphate in isolated fat-cells. <i>Biochemical Journal</i> , 1975, 152, 121-129.	3.7	44
26	TRANSPORT AND METABOLISM OF CALCIUM IONS IN NERVE. , 1975, , 7-53.		8
27	CALCIUM AND PANCREATIC SECRETIONâ€DYNAMICS OF SUBCELLULAR CALCIUM POOLS IN RESTING AND STIMULATED ACINAR CELLS. <i>British Journal of Pharmacology</i> , 1975, 55, 369-379.	5.4	34
28	Early changes of â€leak fluxâ€™ and the cation content of lymphocytes by Concanavalin A. <i>Biochemical and Biophysical Research Communications</i> , 1976, 70, 101-109.	2.1	42
29	EFFECTS OF Na ⁺ AND OTHER MONOVALENT CATIONS ON Ca-EFFLUX FROM SYNAPTOSOMES. <i>The Japanese Journal of Pharmacology</i> , 1976, 26, 31-37.	1.2	17
30	Ca ⁺⁺ fluxes in isolated cells of rat pancreas. Effect of secretagogues and different Ca ⁺⁺ concentrations. <i>Journal of Membrane Biology</i> , 1976, 29, 185-203.	2.1	55
31	Calcium content and distribution as a function of growth and transformation in the mouse 3T3 cell. <i>Journal of Cell Biology</i> , 1977, 75, 12-22.	5.2	70
32	Accelerated calcium ion uptake in murine thymocytes induced by concanavalin A. <i>Journal of Cellular Physiology</i> , 1977, 93, 153-160.	4.1	16
33	Calcium ion uptake induced by cholinergic and ?-adrenergic stimulation in isolated cells of rat salivary glands. <i>Pflugers Archiv European Journal of Physiology</i> , 1977, 370, 37-44.	2.8	36
34	Efflux of phenylalanine and tryptophan from cerebral cortex slices of adult and 7â€dayâ€old rats. <i>Acta Physiologica Scandinavica</i> , 1978, 102, 74-83.	2.2	14
35	Effects of Parathyroid Hormone on the Distribution and Transport of Calcium in Cultured Kidney Cells*. <i>Endocrinology</i> , 1978, 102, 1725-1732.	2.8	89
36	Intracellular divalent cation release in pancreatic acinar cells during stimulus-secretion coupling. II. Subcellular localization of the fluorescent probe chlorotetracycline.. <i>Journal of Cell Biology</i> , 1978, 76, 386-399.	5.2	84

#	ARTICLE	IF	CITATIONS
37	Kinetic analysis of calcium desaturation curves from isolated kidney cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1978, 234, R29-R33.	1.8	8
38	Energy-dependent accumulation of Ca ²⁺ by human embryonic lung fibroblasts. Archives Internationales De Physiologie Et De Biochimie, 1979, 87, 443-454.	0.2	1
39	Calcium transport and exchange in mouse 3T3 and SV40-3T3 cells.. Journal of Cell Biology, 1979, 81, 538-542.	5.2	35
40	Ion level and calcium fluxes in HeLa cells after adriamycin treatment. Pharmacological Research Communications, 1979, 11, 19-29.	0.2	38
41	Regulation of calcium transport in isolated periosteal cells, effects of hormones and metabolic inhibitors. Calcified Tissue International, 1979, 29, 155-161.	3.1	20
42	Calcium, cells and virus Alterations caused by paramyxoviruses. Biochemical Pharmacology, 1979, 28, 1963-1969.	4.4	44
43	(Ca ²⁺ Mg ²⁺)-stimulated ATPase activity of rabbit myometrium plasma membrane is blocked by oxytocin. FEBS Letters, 1979, 97, 283-287.	2.8	58
44	Effect of calcitonin on Ca-ATPase activity of plasma membrane in liver of rats.. Endocrinologia Japonica, 1979, 26, 605-609.	0.5	4
45	Activation of high levels of endogenous phospholipase A2 in cultured cells.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 195-199.	7.1	174
46	Serum stimulation of phospholipase A2 and prostaglandin release in 3T3 cells is associated with platelet-derived growth-promoting activity.. Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 137-141.	7.1	109
47	Inhibition of calcium and glucose uptake by murine leukemia L5178Y cells treated with antiserum. Journal of Cellular Physiology, 1980, 105, 423-429.	4.1	6
48	Uptake and Energy-Dependent Extrusion of Calcium in Neural Cells in Culture. FEBS Journal, 1980, 103, 597-611.	0.2	45
49	Kinetic analysis of calcium distribution in rat anterior pituitary slices. American Journal of Physiology - Endocrinology and Metabolism, 1980, 238, E167-E173.	3.5	6
50	Effects of divalent cations and glucose on mitotic-like events in fused interphase-metaphase cells. Experimental Cell Research, 1980, 125, 351-362.	2.6	8
51	Effects of vitamin D metabolites on cellular Ca ²⁺ and on Ca transport in primary cultures of bone cells. Molecular and Cellular Endocrinology, 1980, 19, 263-273.	3.2	20
52	Stimulation of cell surface phospholipase A2 and prostaglandin synthesis in 3T3 mouse fibroblasts by phallolysin, a toxin from Amanita phalloides. Lipids and Lipid Metabolism, 1980, 619, 235-246.	2.6	16
53	Rapid alteration in Ca ⁺⁺ content and fluxes in phorbol 12-myristate 13-acetate treated myoblasts. Biochemical and Biophysical Research Communications, 1980, 92, 624-630.	2.1	46
54	Effects of calcitonin on transport and intracellular distribution of exchangeable Ca ²⁺ in primary culture of bone cells. Molecular and Cellular Endocrinology, 1980, 18, 215-225.	3.2	15

#	ARTICLE	IF	CITATIONS
55	Studies of gastric Ca ²⁺ -stimulated adenosine triphosphatase I. characterization and general properties. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 646, 457-464.	2.6	18
56	Staphylococcal delta toxin stimulates endogenous phospholipase A2 activity and prostaglandin synthesis in fibroblasts. <i>Lipids and Lipid Metabolism</i> , 1981, 663, 467-479.	2.6	31
57	A kinetic analysis of the effects of adrenaline on calcium distribution in isolated rat liver parenchymal cells. <i>Journal of Physiology</i> , 1981, 312, 29-55.	2.9	126
58	Control, modulation, and regulation of cell calcium. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 1981, 90, 13-153.	1.6	285
59	Manganese accumulation in pancreatic β -cells and its stimulation by glucose. <i>Biochemical Journal</i> , 1982, 202, 435-444.	3.1	30
60	Calcium ions, drug action and the red cell membrane. , 1982, 18, 271-292.		28
61	Proton-coupled l-lysine uptake by renal brush border membrane vesicles from mullet (<i>Mugil cephalus</i>). <i>Journal of Membrane Biology</i> , 1983, 75, 171-178.	2.1	16
62	Efflux of ⁴⁵ Ca ²⁺ from human fibroblasts in response to serum or growth factors. <i>Journal of Cellular Physiology</i> , 1983, 117, 23-29.	4.1	70
63	Inhibition of cellular growth and nutrient transport induced by calcium ionophore A23187 in mastocytoma P-815 cells.. <i>The Japanese Journal of Pharmacology</i> , 1983, 33, 725-734.	1.2	2
64	Mucin release and calcium fluxes in isolated rat submandibular acini. <i>Biochemical Journal</i> , 1984, 224, 473-481.	3.7	47
65	Role of Extracellular Calcium in the Hyperthermic Killing of CHL V79 Cells. <i>Radiation Research</i> , 1987, 112, 478.	1.5	17
66	Calcium compartmentation and exchange rates in primary hepatocyte culture. <i>Analytical Biochemistry</i> , 1990, 187, 187-196.	2.4	3
67	Effect of streptokinase on prostacyclin synthesis and phospholipase activity in cultured pulmonary artery endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1990, 1055, 223-229.	4.1	2
68	Mechanism of increased angiotensin-converting enzyme activity stimulated by platelet-activating factor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1990, 1052, 503-508.	4.1	25
69	Evidence that a triplex-forming oligodeoxyribonucleotide binds to the c-myc promoter in HeLa cells, thereby reducing c-myc mRNA levels.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 8227-8231.	7.1	311
70	Cellular automaton-based model for radiation-induced bystander effects. <i>BMC Systems Biology</i> , 2015, 9, 90.	3.0	16
71	Membranes, energetics, and evolution across the prokaryote-eukaryote divide. <i>ELife</i> , 2017, 6, .	6.0	60
72	Plasma Membrane Calcium Transport and Membrane-Bound Enzymes. , 1976, , 261-281.		12

#	ARTICLE	IF	CITATIONS
73	Calcium Exchange in Myocardial Tissue Culture. , 1981, , 359-377.		3
74	ENERGY DISPERSIVE SPECTROSCOPY IN THE STUDY OF THE IONIC REGULATION OF GROWTH IN NORMAL AND TUMOR CELLS. , 1982, , 13-40.		4
75	Calmodulin and Plasma Membrane Calcium Transport. , 1980, , 127-165.		25
76	Calcium Transport by Selected Animal Cells and Tissues**The investigations from the author's laboratory were supported by NIH Grant AM-04652, NIDR Training Grant 5 T01DE00090-09, and U.S. A.E.C. Contract AT(30-l)-4039.. , 1972, , 351-384.		2
77	Parathyroid Hormone and Calcitonin. , 1970, , 365-413.		22
78	Ca ²⁺ ions and the stimulation of 3-O-methylglucose transport by uncouplers in rat thymocytes.. Journal of Biological Chemistry, 1977, 252, 4876-4881.	3.4	21
79	Facilitated transport of calcium by cells and subcellular membranes of Bacillus subtilis and Escherichia coli. Journal of Bacteriology, 1975, 122, 880-885.	2.2	62
80	Selective loss of calcium permeability on maturation of reticulocytes.. Journal of Clinical Investigation, 1977, 59, 1113-1119.	8.2	75
81	A Compartmental Approach to the Mechanism of Calcification in Hermatypic Corals. Journal of Experimental Biology, 1996, 199, 1029-1041.	1.7	160
82	Initial Process of Tissue Calcification. Japanese Journal of Oral Biology, 1977, 19, 1-18.	0.1	0
84	Cellular Interaction of Bone Marrow Mesenchymal Stem Cells with Polymer and Hydrogel 3D Microscaffold Templates. ACS Applied Materials & Interfaces, 2022, 14, 13013-13024.	8.0	20
85	Microdosimetric Investigation and a Novel Model of Radiosensitization in the Presence of Metallic Nanoparticles. Pharmaceutics, 2021, 13, 2191.	4.5	4
86	Additive Manufacturing of Viscoelastic Polyacrylamide Substrates for Mechanosensing Studies. ACS Omega, 2022, 7, 24384-24395.	3.5	2
87	Using H ₂ O ₂ as a green oxidant to produce fluorescent GaOOH nanomaterials from a liquid metal. Chemical Communications, 2022, 58, 10412-10415.	4.1	7
88	Real-Time Monitoring of the Effect of Tumour-Treating Fields on Cell Division Using Live-Cell Imaging. Cells, 2022, 11, 2712.	4.1	2