

Calcium-Mediated Mechanisms in Chemically Induced

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Thiol modification and cell signalling in chemical toxicity. <i>Toxicology Letters</i> , 1992, 64-65, 563-567.	0.4	23
2	Water loss from eggs of domestic fowl and calcium status of hatchlings. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1993, 163, 327-331.	0.7	10
3	Ca ²⁺ oscillations in pancreatic acinar cells: spatiotemporal relationships and functional implications. <i>Cell Calcium</i> , 1993, 14, 746-757.	1.1	51
4	Towards an understanding of the role of glutamate in neurodegenerative disorders: energy metabolism and neuropathology. <i>Experientia</i> , 1993, 49, 1064-1072.	1.2	84
5	Lipid peroxidation. Biopathological significance. <i>Molecular Aspects of Medicine</i> , 1993, 14, 199-207.	2.7	68
6	Protective effect of various calcium antagonists against an experimentally induced calcium overload in isolated hepatocytes. <i>Biochemical Pharmacology</i> , 1993, 46, 1937-1944.	2.0	21
7	Cocaine hepatotoxicity: Two different toxicity mechanisms for phenobarbital-induced and non-induced rat hepatocytes. <i>Biochemical Pharmacology</i> , 1993, 46, 1967-1974.	2.0	27
8	Carbon tetrachloride-induced cell death in perfused livers from phenobarbital-pretreated rats under hypoxic conditions and various ionic milieu. <i>Biochemical Pharmacology</i> , 1993, 46, 2039-2049.	2.0	16
9	Inhibition of cell growth and alteration of cytosolic calcium levels in the cytotoxicity evaluation of nine MEIC chemicals. <i>Toxicology in Vitro</i> , 1993, 7, 511-516.	1.1	2
10	Degeneration of purkinje cells in parasagittal zones of the cerebellar vermis after treatment with ibogaine or harmaline. <i>Neuroscience</i> , 1993, 55, 303-310.	1.1	205
11	Structure-activity relationships for unsaturated dialdehydes 8 ⁺ . Comparative effects of 10 sesquiterpenoids on the sea urchin gamete fertilization. <i>Toxicology in Vitro</i> , 1993, 7, 205-212.	1.1	6
12	Local and global cytosolic Ca ²⁺ oscillations in exocrine cells evoked by agonists and inositol trisphosphate. <i>Cell</i> , 1993, 74, 661-668.	13.5	496
13	Increased intracellular Ca ²⁺ : a critical link in the pathophysiology of sepsis?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 3933-3937.	3.3	122
14	Effects of Selected Neuroactive Chemicals on Calcium Transporting Systems in Rat Cerebellum and on Survival of Cerebellar Granule Cells. <i>Toxicological Sciences</i> , 1993, 21, 308-316.	1.4	0
15	Modifications of Ca ²⁺ signaling by inorganic mercury in PC 12 cells. <i>FASEB Journal</i> , 1993, 7, 1507-1514.	0.2	63
16	Absence of endonuclease activation during acute cell death in renal proximal tubules. <i>American Journal of Physiology - Cell Physiology</i> , 1993, 265, C485-C490.	2.1	17
17	Mechanisms of cell injury by activated oxygen species.. <i>Environmental Health Perspectives</i> , 1994, 102, 17-24.	2.8	200
18	Measurement of cytosolic free calcium in perfused rat heart using TF-BAPTA. <i>American Journal of Physiology - Cell Physiology</i> , 1994, 266, C1323-C1329.	2.1	29

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19	Oxidative Signals in Tobacco Increase Cytosolic Calcium. <i>Plant Cell</i> , 1994, 6, 1301.	3.1	100
20	Calcium and Hormone Action. <i>Annual Review of Physiology</i> , 1994, 56, 297-319.	5.6	303
21	Dantrolene ameliorates the metabolic hallmarks of sepsis in rats and improves survival in a mouse model of endotoxemia.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 3039-3043.	3.3	57
22	Oxidative Signals in Tobacco Increase Cytosolic Calcium.. <i>Plant Cell</i> , 1994, 6, 1301-1310.	3.1	312
23	Thyroxine pretreatment and halothane administration alter Ca ²⁺ transport and transmembrane potential in rat liver mitochondria. <i>Archives of Toxicology</i> , 1994, 68, 103-109.	1.9	4
24	Intracellular Ca ²⁺ concentrations are not elevated in resting cultured muscle from Duchenne (DMD) patients and in MDX mouse muscle fibres. <i>Pflugers Archiv European Journal of Physiology</i> , 1994, 426, 499-505.	1.3	57
25	Nuclear Ca ²⁺ : physiological regulation and role in apoptosis. <i>Molecular and Cellular Biochemistry</i> , 1994, 135, 89-98.	1.4	66
26	Compromised mitochondrial function results in dephosphorylation of tau through a calcium-dependent process in rat brain cerebral cortical slices. <i>Neurochemical Research</i> , 1994, 19, 1151-1158.	1.6	24
27	Involvement of glutamate receptors, lipases, and phospholipases in long-term potentiation and neurodegeneration. <i>Journal of Neuroscience Research</i> , 1994, 38, 6-11.	1.3	73
28	Calpain inhibitors block Ca ²⁺ -induced suppression of neurite outgrowth in isolated hippocampal pyramidal neurons. <i>Journal of Neuroscience Research</i> , 1994, 39, 474-481.	1.3	50
29	Cellular reducing equivalents and oxidative stress. <i>Free Radical Biology and Medicine</i> , 1994, 17, 65-75.	1.3	247
30	Nuclear calcium transport and the role of calcium in apoptosis. <i>Cell Calcium</i> , 1994, 16, 279-288.	1.1	178
31	Differential effects of polychlorinated biphenyl congeners on phosphoinositide hydrolysis and protein kinase C translocation in rat cerebellar granule cells. <i>Brain Research</i> , 1994, 662, 75-82.	1.1	97
32	Induction of enhanced postnatal expression of immunoreactive calbindin-D28k in rat forebrain by the calcium antagonist nimodipine. <i>Developmental Brain Research</i> , 1994, 79, 10-18.	2.1	14
33	Physiological Cell Death during Development and Its Relationship to Aging. <i>Annals of the New York Academy of Sciences</i> , 1994, 719, 212-229.	1.8	23
34	Ca ²⁺ -dependent permeabilization of the inner mitochondrial membrane by 4,4'-diisothiocyanatostilbene-2,2'-disulfonic acid (DIDS). <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1188, 93-100.	0.5	51
35	Possible role of calcium in phospholipid synthesis of <i>Microsporium gypseum</i> . <i>Lipids and Lipid Metabolism</i> , 1994, 1215, 337-340.	2.6	6
36	Effect of oxidative stress and disruption of Ca ²⁺ homeostasis on hepatocyte canalicular function in vitro. <i>Biochemical Pharmacology</i> , 1994, 47, 625-632.	2.0	31

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37	Effects of long-chain fatty amines on the growth of ras-transformed NIH 3T3 cells. <i>Biochemical Pharmacology</i> , 1994, 47, 1909-1916.	2.0	13
38	Cisplatin nephrotoxicity: Decreases in mitochondrial protein sulphhydryl concentration and calcium uptake by mitochondria from rat renal cortical slices. <i>Biochemical Pharmacology</i> , 1994, 47, 1127-1135.	2.0	74
39	Glutamate-induced neuronal death in cerebellar culture is mediated by two distinct components: a sodium-chloride component and a calcium component. <i>Brain Research</i> , 1994, 650, 49-55.	1.1	51
40	Embryotoxic potency of 2,4,5-trichlorophenoxyacetic acid on sea urchin eggs: Association with calcium homeostasis. <i>Toxicology in Vitro</i> , 1994, 8, 1097-1105.	1.1	6
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43	Effect of treatment with the dihydropyridine-type calcium antagonist darodipine (PY 108-068) on the expression of neurofilament protein immunoreactivity in the cerebellar cortex of aged rats. <i>Mechanisms of Ageing and Development</i> , 1994, 75, 169-177.	2.2	4
44	Impairment in mitochondrial cytochrome oxidase gene expression in Alzheimer disease. <i>Molecular Brain Research</i> , 1994, 24, 336-340.	2.5	195
45	Release of intracellular calcium and stimulation of cell growth by ATP and histamine in human ovarian cancer cells (SKOV-3). <i>Cancer Letters</i> , 1994, 77, 57-63.	3.2	29
46	Apoptosis and p53 protein expression in human hepatoma cells induced by etoposide, mitomycin C and thapsigargin. <i>International Hepatology Communications</i> , 1994, 2, 305-309.	0.7	4
47	The biology and medicine of calcium signalling. <i>Molecular and Cellular Endocrinology</i> , 1994, 98, 119-124.	1.6	94
48	Thapsigargin-induced persistent intracellular calcium pool depletion and apoptosis in human hepatoma cells. <i>Cancer Letters</i> , 1994, 79, 147-155.	3.2	81
49	Cortical neurons containing calretinin are selectively resistant to calcium overload and excitotoxicity in vitro. <i>Neuroscience</i> , 1994, 61, 307-316.	1.1	153
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51	Effects of procaine and two of its metabolites on cisplatin-induced kidney injury in vitro: Mitochondrial aspects. <i>Toxicology in Vitro</i> , 1994, 8, 477-481.	1.1	9
52	Stimulation of Respiration in Rat Thymocytes Induced by Ionizing Radiation. <i>Radiation Research</i> , 1994, 138, 114.	0.7	9
53	Voltage-dependent calcium currents are enhanced in dorsal root ganglion neurones from the Bio Bred/Worcester diabetic rat.. <i>Journal of Physiology</i> , 1995, 486, 313-322.	1.3	97
54	Mechanism of citrinin-induced dysfunction of mitochondria. IV Effect on Ca ²⁺ transport. <i>Cell Biochemistry and Function</i> , 1995, 13, 53-59.	1.4	37

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55	Mechanism of toxicity of precocene II in rat hepatocyte cultures. <i>Journal of Biochemical Toxicology</i> , 1995, 10, 265-273.	0.5	15
56	Cytotoxicity of propyl gallate and related compounds in rat hepatocytes. <i>Archives of Toxicology</i> , 1995, 69, 204-208.	1.9	57
57	A digitized fluorescence imaging study of intracellular Ca ²⁺ , pH, and mitochondrial function in primary cultures of rabbit corneal epithelial cells exposed to sodium dodecyl sulfate. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1995, 31, 499-507.	0.7	8
58	The effect of furosemide on calcium ion concentration in myocardial cells. <i>Cell Calcium</i> , 1995, 18, 135-139.	1.1	17
59	Menadione-induced cytotoxicity in rat platelets: Absence of the detoxifying enzyme, quinone reductase. <i>Archives of Pharmacal Research</i> , 1995, 18, 256-261.	2.7	3
60	Bases of Excitatory Amino Acid System-Related Neurotoxicity. , 1995, , 359-370.		3
61	An Evaluation of the Role of Calcium in Cell Injury. <i>Annual Review of Pharmacology and Toxicology</i> , 1995, 35, 129-144.	4.2	94
62	Protective Effects of Calcium Channel Blockers on Acute Bromobenzene Toxicity to Isolated Rat Hepatocytes Inhibition of Phenylephrine-Induced Calcium Oscillations. <i>Scandinavian Journal of Gastroenterology</i> , 1995, 30, 590-600.	0.6	9
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65	Mechanisms for nitric oxide-induced cell death: Involvement of apoptosis. <i>Advances in Neuroimmunology</i> , 1995, 5, 411-420.	1.8	108
66	Neuroprotection against NMDA induced cell death in rat nucleus basalis by Ca ²⁺ antagonist nimodipine, influence of aging and developmental drug treatment. <i>Experimental Neurology</i> , 1995, 4, 307-314.	1.7	52
67	Platelet-activating factor is a synapse messenger and a modulator of gene expression in the nervous system. <i>Neurochemistry International</i> , 1995, 26, 435-441.	1.9	19
68	Ruthenium red protects against glutamate-induced neuronal death in cerebellar culture. <i>Neuroscience Letters</i> , 1995, 201, 53-56.	1.0	24
69	Effect of treatment with the dihydropyridine-type calcium antagonist darodipine (PY 108-068) on the expression of calbindin d-28k immunoreactivity in the cerebellar cortex of aged rats. <i>Mechanisms of Ageing and Development</i> , 1995, 77, 149-157.	2.2	10
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71	ATP-dependent accumulation and inositol trisphosphate- or cyclic ADP-ribose-mediated release of Ca ²⁺ from the nuclear envelope. <i>Cell</i> , 1995, 80, 439-444.	13.5	367
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74	Evidence for the activation of the signal-responsive phospholipase A2 by exogenous hydrogen peroxide. <i>Biochemical Pharmacology</i> , 1995, 50, 753-761.	2.0	61
75	4-Ipomeanol and 2-aminoanthracene cytotoxicity in C3H/10T12 cells expressing rabbit cytochrome P450 4B1. <i>Biochemical Pharmacology</i> , 1995, 50, 1567-1575.	2.0	30
76	Liver cell necrosis: Cellular mechanisms and clinical implications. <i>Gastroenterology</i> , 1995, 108, 252-275.	0.6	358
77	Trophic effect of collicular proteoglycan on neonatal rat retinal ganglion cells in situ. <i>Developmental Brain Research</i> , 1995, 84, 77-88.	2.1	26
78	Evidence for calcium regulation of spinal cord motoneuron death in the chick embryo in vivo. <i>Developmental Brain Research</i> , 1995, 86, 167-179.	2.1	12
79	Mechanisms of neurotoxicity: applications to human biomonitoring. <i>Toxicology Letters</i> , 1995, 77, 63-72.	0.4	26
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81	Mediators of Injury in Neurotrauma: Intracellular Signal Transduction and Gene Expression. <i>Journal of Neurotrauma</i> , 1995, 12, 791-814.	1.7	188
82	Cadmium-induced dna fragmentation is inhibitable by zinc in porcine kidney LLC-PK1 cells. <i>Life Sciences</i> , 1995, 56, PL351-PL356.	2.0	41
83	Amplification of glutamate-induced oxidative stress. <i>Toxicology Letters</i> , 1995, 82-83, 399-405.	0.4	38
84	Is an elevated concentration of acinar cytosolic free ionised calcium the trigger for acute pancreatitis?. <i>Lancet, The</i> , 1995, 346, 1016-1019.	6.3	163
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86	Age-related changes in brain microanatomy: Sensitivity to treatment with the dihydropyridine calcium channel blocker darodipine (PY 108-068). <i>Brain Research Bulletin</i> , 1995, 36, 453-460.	1.4	25
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88	Cisplatin-induced nephrotoxicity in vitro: increases in cytosolic calcium concentration and the inhibition of cytosolic and mitochondrial protein kinase C. <i>Toxicology Letters</i> , 1996, 89, 11-17.	0.4	13
89	Neurotrophin-4/5 selectively protects nigral calbindin-containing neurons in rats with medial forebrain bundle transections. <i>Neuroscience</i> , 1996, 72, 911-921.	1.1	26
90	Direct detection of ototoxicant-induced reactive oxygen species generation in cochlear explants. <i>Hearing Research</i> , 1996, 98, 116-124.	0.9	283

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92	Role of calcium in cisplatin-induced cell toxicity in rat renal cortical slices. <i>Toxicology in Vitro</i> , 1996, 10, 205-209.	1.1	14
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96	Effects of dicoumarol on cytotoxicity caused by tert-butylhydroquinone in isolated rat hepatocytes. <i>Toxicology Letters</i> , 1996, 84, 63-68.	0.4	7
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101	Cytosolic calcium and oxidative plant stress. <i>Biochemical Society Transactions</i> , 1996, 24, 479-483.	1.6	11
102	Impairment of Intracellular Calcium Homeostasis in the Exocrine Pancreas after Caerulein-Induced Acute Pancreatitis in the Rat. <i>Clinical Science</i> , 1996, 91, 365-369.	1.8	21
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105	Regulation of cytosolic calcium levels in vascular smooth muscle. , 1996, 69, 153-171.		80
106	Mechanism of tetrahydroxy-1,4-quinone cytotoxicity: Involvement of Ca ²⁺ and H ₂ O ₂ in the impairment of DNA replication and mitochondrial function. <i>Free Radical Biology and Medicine</i> , 1996, 20, 657-666.	1.3	11
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108	Permeability transition pore of the inner mitochondrial membrane can operate in two open states with different selectivities. <i>Journal of Bioenergetics and Biomembranes</i> , 1996, 28, 139-146.	1.0	74

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111	Ca ²⁺ homeostasis and Ca ²⁺ signalling in sulphur mustard-exposed normal human epidermal keratinocytes. Chemico-Biological Interactions, 1996, 100, 85-93.	1.7	17
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123	Neuronal apoptosis versus necrosis induced by glutamate or free radicals. Apoptosis: an International Journal on Programmed Cell Death, 1996, 1, 5-10.	2.2	17
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128	Transgenic AEQUORIN Reveals Organ-Specific Cytosolic Ca ²⁺ Responses to Anoxia in <i>Arabidopsis thaliana</i> Seedlings. <i>Plant Physiology</i> , 1996, 111, 243-257.	2.3	156
129	Free Radical Generation as Induced by Ochratoxin A and Its Analogs in Bacteria (<i>Bacillus brevis</i>). <i>Journal of Biological Chemistry</i> , 1996, 271, 27388-27394.	1.6	51
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131	Calcium dependence of calcium extrusion and calcium uptake in mouse pancreatic acinar cells.. <i>Journal of Physiology</i> , 1996, 490, 585-593.	1.3	79
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133	Disturbed Cell Arrangement, Increased Cell Membrane Permeability and Apoptotic Cell Death Occur in Adenomyotic Uterine Tissues in Mice. <i>Zoological Science</i> , 1997, 14, 659-664.	0.3	7
134	Biochemical Indicators of Acute Pancreatitis. , 1997, , 75-124.		3
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137	Role of Na ⁺ /Ca ²⁺ Exchanger in Preventing Na ⁺ Overload and Hepatocyte Injury: Opposite Effects of Extracellular and Intracellular Ca ²⁺ Chelation. <i>Biochemical and Biophysical Research Communications</i> , 1997, 232, 107-110.	1.0	21
138	Interaction of Metals with Muscarinic Cholinceptor and Adrenoceptor Binding, and Agonist-Stimulated Inositol Phospholipid Hydrolysis in Rat Brain. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1997, 116, 111-116.	0.5	2
139	Actin modifications and calcium homeostasis in neurotoxicity. The case of organotin salts. <i>Toxicology in Vitro</i> , 1997, 11, 499-503.	1.1	2
140	Cytotoxic effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) herbicide on hepatocytes and mitochondria isolated from male rats. <i>Environmental Toxicology and Pharmacology</i> , 1997, 3, 167-173.	2.0	5
141	EFFECTS OF PROBENECID ON PLATELET AGGREGATION AND CYTOTOXICITY: DRAWBACKS OF THE USE OF PROBENECID IN MONITORING INTRACELLULAR CALCIUM METABOLISM. <i>Thrombosis Research</i> , 1997, 85, 345-350.	0.8	4
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143	On the Role of DNA Double-Strand Breaks in Toxicity and Carcinogenesis. <i>Critical Reviews in Toxicology</i> , 1997, 27, 155-174.	1.9	103
144	Interrelationships between astrocyte function, oxidative stress and antioxidant status within the central nervous system. <i>Progress in Neurobiology</i> , 1997, 52, 261-281.	2.8	156

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145	Evidence that 4-Hydroxynonenal Mediates Oxidative Stress-Induced Neuronal Apoptosis. <i>Journal of Neuroscience</i> , 1997, 17, 5089-5100.	1.7	712
146	Axonal Transport Blockade in the Neonatal Rat Optic Nerve Induces Limited Retinal Ganglion Cell Death. <i>Journal of Neuroscience</i> , 1997, 17, 7045-7052.	1.7	25
147	Calx, a Na-Ca exchanger gene of <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10249-10254.	3.3	194
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