Chung-Ren Jan

List of Publications by Year
in descending order

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100	821	516215	642321
papers	citations	16 h-index	23 g-index

102	102	102	1162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydroxytyrosol [2-(3,4-Dihydroxyphenyl)-Ethanol], a Natural Phenolic Compound Found in the Olive, Alters Ca2+ Signaling and Viability in Human HepG2 Hepatoma Cells. Chinese Journal of Physiology, 2022, 65, 30-36.	0.4	3
2	Mechanisms underlying the effect of an oral antihyperglycaemic agent glyburide on calcium ion (Ca²⁺) movement and its related cytotoxicity in prostate cancer cells. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 111-118.	0.9	2
3	Exploring the impact of a naturally occurring sapogenin diosgenin on underlying mechanisms of Ca²⁺ movement and cytotoxicity in human prostate cancer cells. Environmental Toxicology, 2020, 35, 395-403.	2.1	15
4	Action of the insecticide cyfluthrin on Ca²⁺signal transduction and cytotoxicity in human osteosarcoma cells. Human and Experimental Toxicology, 2020, 39, 1268-1276.	1.1	5
5	Investigation of Effect of Tectorigenin (O-Methylated Isoflavone) on Ca2+ Signal Transduction and Cytotoxic Responses in Canine Renal Tubular Cells. Chinese Journal of Physiology, 2020, 63, 60-67.	0.4	3
6	Exploration of Thioridazine-Induced Ca2+ Signaling and non-Ca2+ -Triggered Cell Death in HepG2 Human Hepatocellular Carcinoma Cells. Chinese Journal of Physiology, 2020, 63, 187-194.	0.4	4
7	Ca²⁺ movement and cytotoxicity induced by the pyrethroid pesticide bifenthrin in human prostate cancer cells. Human and Experimental Toxicology, 2019, 38, 1145-1154.	1.1	6
8	The exploration of effect of terfenadine on Ca²⁺ signaling in renal tubular cells. Journal of Receptor and Signal Transduction Research, 2019, 39, 73-79.	1.3	1
9	Exploration of the effect of the alkaloid colchicine on Ca2+ handling and its related physiology in human oral cancer cells. Archives of Oral Biology, 2019, 102, 179-185.	0.8	6
10	Uncovering malathion (an organophosphate insecticide) action on Ca2+ signal transduction and investigating the effects of BAPTA-AM (a cell-permeant Ca2+ chelator) on protective responses in glial cells. Pesticide Biochemistry and Physiology, 2019, 157, 152-160.	1.6	9
11	The protective effects of the antioxidant N-acetylcysteine (NAC) against oxidative stress-associated apoptosis evoked by the organophosphorus insecticide malathion in normal human astrocytes. Toxicology, 2019, 417, 1-14.	2.0	43
12	Effects of timolol on Ca²⁺handling and viability in human prostate cancer cells. Toxicology Mechanisms and Methods, 2019, 29, 138-145.	1.3	2
13	Action of Chlorzoxazone on Ca2+ Movement and Viability in Human Oral Cancer Cells. Chinese Journal of Physiology, 2019, 62, 123-130.	0.4	4
14	The effect of magnolol on Ca2+ homeostasis and its related physiology in human oral cancer cells. Archives of Oral Biology, 2018, 89, 49-54.	0.8	11
15	Amitriptyline modulated Ca2+ signaling and induced Ca2+-independent cell viability in human osteosarcoma cells. Human and Experimental Toxicology, 2018, 37, 125-134.	1.1	2
16	The investigation of the pyrethroid insecticide lambda-cyhalothrin (LCT)-affected Ca2+ homeostasis and -activated Ca2+-associated mitochondrial apoptotic pathway in normal human astrocytes: The evaluation of protective effects of BAPTA-AM (a selective Ca2+ chelator). NeuroToxicology, 2018, 69, 97-107.	1.4	16
17	Effect of Captopril on Ca^(2+) Homeostasis and Cell Viability in Human Hepatoma Cells. Chinese Journal of Physiology, 2018, 61, 221-229.	0.4	1
18	Exploration of Niflumic Acidâ€™s Action on CaÂ²â¸ Movement and Cell Viability in Human Osteosarcoma Cells. Chinese Journal of Physiology, 2018, 61, 341-348.	0.4	2

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19	The investigation of minoxidil-induced [Ca²⁺]_irises and non-Ca²⁺-triggered cell death in PC3 human prostate cancer cells. Journal of Receptor and Signal Transduction Research, 2017, 37, 1-7.	1.3	7
20	A cross-sectional study into the correlation of common household risk factors and allergic rhinitis in Taiwan's tropical environment. Asian Pacific Journal of Tropical Medicine, 2017, 10, 134-140.	0.4	1
21	Effects of puerarin on intracellular Ca 2+ and cell viability of MDCK renal tubular cells. Environmental Toxicology and Pharmacology, 2017, 52, 83-89.	2.0	2
22	Cytotoxic effects of gastrodin extracted from the rhizome of Gastrodia elata Blume in glioblastoma cells, but not in normal astrocytes, via the induction of oxidative stress-associated apoptosis that involved cell cycle arrest and p53 activation. Food and Chemical Toxicology, 2017, 107, 280-292.	1.8	22
23	Evaluation of cytotoxicity of propofol and its related mechanism in glioblastoma cells and astrocytes. Environmental Toxicology, 2017, 32, 2440-2454.	2.1	16
24	Effect of tetramethylpyrazine (TMP) on Ca²⁺ signal transduction and cell viability in a model of renal tubular cells. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21952.	1.4	1
25	Effect of Thymol on Ca^(2+) Homeostasis and Viability in PC3 Human Prostate Cancer Cells. Chinese Journal of Physiology, 2017, 60, 32-40.	0.4	12
26	Effect of Methoxsalen on Ca^(2+) Homeostasis and Viability in Human Osteosarcoma Cells. Chinese Journal of Physiology, 2017, 60, 174-182.	0.4	5
27	Effect of Carvacrol on Ca^(2+) Movement and Viability in PC3 Human Prostate Cancer Cells. Chinese Journal of Physiology, 2017, 60, 275-283.	0.4	5
28	Effect of Protriptyline on [Ca^(2+)]i and Viability in MDCK Renal Tubular Cells. Chinese Journal of Physiology, 2017, 60, 114-123.	0.4	0
29	Ca²⁺ Signaling and Cell Death Induced by Protriptyline in HepG2 Human Hepatoma Cells. Journal of Biochemical and Molecular Toxicology, 2016, 30, 539-547.	1.4	0
30	The effect of the phenol compound ellagic acid on Ca2+ homeostasis and cytotoxicity in liver cells. European Journal of Pharmacology, 2016, 780, 243-251.	1.7	10
31	The effect of gallic acid on cytotoxicity, Ca2+ homeostasis and ROS production in DBTRG-05MG human glioblastoma cells and CTX TNA2 rat astrocytes. Chemico-Biological Interactions, 2016, 252, 61-73.	1.7	29
32	Mechanisms underlying effect of the mycotoxin cytochalasin B on induction of cytotoxicity, modulation of cell cycle, Ca2+ homeostasis and ROS production in human breast cells. Toxicology, 2016, 370, 1-19.	2.0	20
33	Effect of protriptyline on [Ca2+]i and viability in MG63 human osteosarcoma cells. Toxicology Mechanisms and Methods, 2016, 26, 580-587.	1.3	2
34	Effect of 2,5-dimethylphenol on Ca2+movement and viability in PC3 human prostate cancer cells. Toxicology Mechanisms and Methods, 2016, 26, 327-333.	1.3	1
35	Esculetin, a natural coumarin compound, evokes Ca2+ movement and activation of Ca2+-associated mitochondrial apoptotic pathways that involved cell cycle arrest in ZR-75-1 human breast cancer cells. Tumor Biology, 2016, 37, 4665-4678.	0.8	21
36	The effect of oleuropein from olive leaf (Olea europaea) extract on Ca2+ homeostasis, cytotoxicity, cell cycle distribution and ROS signaling in HepG2 human hepatoma cells. Food and Chemical Toxicology, 2016, 91, 151-166.	1.8	17

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37	Ca^(2+) Movement Induced by Deltamethrin in PC3 Human Prostate Cancer Cells. Chinese Journal of Physiology, 2016, 59, 148-155.	0.4	4
38	Effect of NPC15199 on [Ca^(2+)]_i and Viability in SCM1 Human Gastric Cancer Cells. Chinese Journal of Physiology, 2016, 59, 268-275.	0.4	0
39	Selective cytotoxic effects of low-power laser irradiation on human oral cancer cells. Lasers in Surgery and Medicine, 2015, 47, 756-764.	1.1	17
40	Mechanisms of resveratrol-induced changes in cytosolic free calcium ion concentrations and cell viability in OC2 human oral cancer cells. Human and Experimental Toxicology, 2015, 34, 289-299.	1.1	12
41	Naproxen-induced Ca2+ movement and death in MDCK canine renal tubular cells. Human and Experimental Toxicology, 2015, 34, 1096-1105.	1.1	2
42	Ca2+ movement and apoptosis induced by deltamethrin in Madinâ€“Darby canine kidney canine renal tubular cells. Kaohsiung Journal of Medical Sciences, 2015, 31, 1-8.	0.8	5
43	The Mechanism of Ca²⁺ Movement in the Involvement of Baicalein-Induced Cytotoxicity in ZR-75-1 Human Breast Cancer Cells. Journal of Natural Products, 2015, 78, 1624-1634.	1.5	16
44	The involvement of mitochondrial apoptotic pathway in eugenol-induced cell death in human glioblastoma cells. Toxicology Letters, 2015, 232, 122-132.	0.4	12
45	Effect of Methoxychlor on Ca^(2+) Homeostasis and Apoptosis in HA59T Human Hepatoma Cells. Chinese Journal of Physiology, 2015, 58, 1-8.	0.4	1
46	Effect of Antidepressant Doxepin on Ca^(2+) Homeostasis and Viability in PC3 Human Prostate Cancer Cells. Chinese Journal of Physiology, 2015, éåˆŠæ–‡ç«, 1-10.	0.4	2
47	Effect of Miconazole on [Ca^(2+)]i and Cytotoxicity in ZR-75-1 Human Breast Cancer Cells. Chinese Journal of Physiology, 2015, 58, 377-384.	0.4	4
48	The Mechanism of Safrole-Induced [Ca^(2+)]_i Rises and Non-Ca^(2+)-Triggered Cell Death in SCM1 Human Gastric Cancer Cells. Chinese Journal of Physiology, 2015, éåˆŠæ–‡ç«, 1-10.	0.4	2
49	Effect of NPC-14686 (Fmoc-l-Homophenylalanine) on Ca^(2+) Homeostasis and Viability in OC2 Human Oral Cancer Cells. Chinese Journal of Physiology, 2015, éåˆŠæ–‡ç«, 1-9.	0.4	2
50	Celecoxib-induced increase in cytosolic Ca2+ levels and apoptosis in HA59T human hepatoma cells. Human and Experimental Toxicology, 2014, 33, 1089-1098.	1.1	1
51	The mechanism of honokiol-induced intracellular Ca2+ rises and apoptosis in human glioblastoma cells. Chemico-Biological Interactions, 2014, 221, 13-23.	1.7	14
52	Effect of melamine on [Ca2+]i and viability in PC3 human prostate cancer cells. Environmental Toxicology and Pharmacology, 2014, 38, 800-806.	2.0	2
53	Mechanisms of resveratrol-induced changes in [Ca²⁺]_iand cell viability in PC3 human prostate cancer cells. Journal of Receptor and Signal Transduction Research, 2013, 33, 298-303.	1.3	18
54	Mechanism of maprotiline-induced apoptosis: Role of [Ca2+]i, ERK, JNK and caspase-3 signaling pathways. Toxicology, 2013, 304, 1-12.	2.0	21

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55	Effect of celecoxib on Ca²⁺handling and viability in human prostate cancer cells (PC3). Drug and Chemical Toxicology, 2012, 35, 456-462.	1.2	13
56	Effect of Allyl Sulfides from Garlic Essential Oil on Intracellular Ca2+Levels in Renal Tubular Cells. Journal of Natural Products, 2012, 75, 2101-2107.	1.5	17
57	Effect of diindolylmethane on Ca²⁺homeostasis and viability in PC3 human prostate cancer cells. Journal of Receptor and Signal Transduction Research, 2012, 32, 271-278.	1.3	9
58	3,3â€²â€Ðiindolylmethane Alters Ca²⁺ Homeostasis and Viability in MG63 Human Osteosarcoma Cells. Basic and Clinical Pharmacology and Toxicology, 2012, 110, 314-321.	1.2	9
59	Effect of capsazepine on [Ca²⁺]_i in MDCK renal tubular cells. Drug Development Research, 2011, 72, 323-329.	1.4	0
60	Effect of thimerosal on Ca²⁺ movement and apoptosis in PC3 prostate cancer cells. Drug Development Research, 2011, 72, 330-336.	1.4	0
61	Effect of capsaicin on Ca²⁺ fluxes in Madinâ€Ðarby canine renal tubular cells. Drug Development Research, 2010, 71, 112-119.	1.4	0
62	Effect of the antidepressant paroxetine on Ca²⁺ movement in PC3 human prostate cancer cells. Drug Development Research, 2010, 71, 120-126.	1.4	1
63	Nonylphenolâ€induced apoptotic pathways in SCM1 human gastric cancer cells. Drug Development Research, 2010, 71, 139-148.	1.4	5
64	Econazoleâ€induced Ca²⁺ fluxes and apoptosis in human oral cancer cells. Drug Development Research, 2010, 71, 240-248.	1.4	2
65	Maprotilineâ€induced Ca²⁺ fluxes and apoptosis in human osteosarcoma cells. Drug Development Research, 2010, 71, 268-274.	1.4	4
66	Effect of nortriptyline on cytosolic Ca²⁺ regulation and viability in PC3 human prostate cancer cells. Drug Development Research, 2010, 71, 323-330.	1.4	8
67	Nonylphenolâ€induced cytosolic Ca²⁺ elevation and death in renal tubular cells. Drug Development Research, 2009, 70, 370-377.	1.4	0
68	DESIPRAMINEâ€INDUCED Ca²⁺â€INDEPENDENT APOPTOSIS IN MG63 HUMAN OSTEOSARCOMA CELLS: DEPENDENCE ON P38 MITOGENâ€ACTIVATED PROTEIN KINASEâ€REGULATED ACTIVATION OF CASPASE 3. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 297-303.	0.9	19
69	Lindane (Î³-Hexachlorocyclohexane) Induces Internal Ca2+ Release and Capacitative Ca2+ Entry in Madin-Darby Canine Kidney Cells. Basic and Clinical Pharmacology and Toxicology, 2008, 87, 149-155.	0.0	0
70	Effects of MKâ€886, a leukotriene synthesis inhibitor, on [Ca²⁺]_i and apoptosis in MG63 human osteosarcoma cells. Drug Development Research, 2008, 69, 49-57.	1.4	1
71	Effect of clomiphene on [Ca²⁺]_i rises and cell viability in rabbit corneal epithelial cells. Drug Development Research, 2008, 69, 272-278.	1.4	0
72	Lâ€type Ca²⁺ channel opener BayK 8644â€induced Ca²⁺ influx and Ca²⁺ release in human oral cancer cells (OC2). Drug Development Research, 2008, 69, 508-513.	1.4	0

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73	Effects of Antrodia camphorata on viability, apoptosis, [Ca²⁺]_i, and MAPKs phosphorylation in MG63 human osteosarcoma cells. Drug Development Research, 2007, 68, 71-78.	1.4	6
74	Effect of methylglyoxal on intracellular calcium levels and viability in renal tubular cells. Cellular Signalling, 2005, 17, 847-855.	1.7	45
75	Effect of p-chloroamphetamine on calcium movement and viability in renal tubular cells. Life Sciences, 2005, 77, 589-599.	2.0	2
76	Novel effect of Y-24180, a presumed specific platelet-activating factor receptor antagonist, on Ca2+ levels and growth of human osteosarcoma cells. Pharmacological Research, 2005, 51, 189-195.	3.1	1
77	Novel effect of Y-24180, a presumed specific platelet activation factor receptor antagonist, on Ca2+ levels and growth of human prostate cancer cells. Cellular Signalling, 2004, 16, 959-965.	1.7	6
78	The anti-breast cancer drug tamoxifen alters Ca2+ movement in Chinese hamster ovary (CHO-K1) cells. Archives of Toxicology, 2003, 77, 160-166.	1.9	9
79	Mechanism of carvedilol-induced block of delayed rectifier K current in the NG108-15 neuronal cell line. Drug Development Research, 2003, 58, 196-208.	1.4	4
80	Novel Effect of N-Palmitoyl-L-Serine Phosphoric Acid on Cytosolic Ca2+Levels in Human Osteoblasts. Basic and Clinical Pharmacology and Toxicology, 2003, 93, 71-76.	0.0	4
81	Oxidation by Thimerosal Increases Calcium Levelsin Renal Tubular Cells. Basic and Clinical Pharmacology and Toxicology, 2003, 93, 123-127.	0.0	8
82	Effect of NPC-14686 (Fmoc-L-homophenylalanine) on intracellular Ca2+ levels in human hepatoma cells. Life Sciences, 2003, 72, 2571-2580.	2.0	2
83	Effect of the Antidepressant Desipramine on Cytosolic Ca²⁺ Movement and Proliferation in Human Osteosarcoma Cells. Pharmacology, 2003, 69, 190-196.	0.9	14
84	Effect of Riluzole on Cytosolic Ca²⁺ Increase in Human Osteosarcoma Cells. Pharmacology, 2002, 66, 120-127.	0.9	18
85	Effect of the organotin compound triethyltin on Ca2+ handling in human prostate cancer cells. Life Sciences, 2002, 70, 1337-1345.	2.0	26
86	Effect of olvanil (N-vanillyl-cis-9-octadecenoamide) on cytosolic Ca2+ increase in renal tubular cells. Life Sciences, 2002, 71, 3081-3090.	2.0	4
87	Effect of lignans isolated fromHernandia nymphaeifolia on reactive oxygen species generation and calcium mobilization in human neutrophils. Drug Development Research, 2002, 55, 118-126.	1.4	2
88	Effect of NPC-15199 on Ca2+ levels in renal tubular cells. Chinese Journal of Physiology, 2002, 45, 117-22.	0.4	0
89	CHARACTERIZATION OF HISTAMINE-INDUCED INCREASES IN INTRACELLULAR FREE Ca2+CONCENTRATIONS IN CHANG LIVER CELLS. Journal of Receptor and Signal Transduction Research, 2001, 21, 1-9.	1.3	1
90	Tamoxifen-induced Ca 2+ mobilization in bladder female transitional carcinoma cells. Archives of Toxicology, 2001, 75, 184-188.	1.9	14

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91	Effect of the neuroprotective agent riluzole on intracellular Ca 2+ levels in IMR32 neuroblastoma cells. Archives of Toxicology, 2001, 75, 214-220.	1.9	9
92	Modulation of catecholamine release by endogenous adenosine in the rat adrenal medulla. Journal of Biomedical Science, 2001, 8, 389-394.	2.6	13
93	Fendiline Mobilizes Intracellular Ca2+ In Chang Liver Cells. Clinical and Experimental Pharmacology and Physiology, 2001, 28, 729-733.	0.9	6
94	Nordihydroguaiaretic Acid Elevates Osteoblastic Intracellular Ca2+. Basic and Clinical Pharmacology and Toxicology, 2001, 89, 301-305.	0.0	7
95	Mechanism of estrogens-induced increases in intracellular Ca2+ in PC3 human prostate cancer cells. Prostate, 2001, 47, 141-148.	1.2	30
96	Novel effects of a sleep-inducing lipid, oleamide, on Ca2+ signaling in renal tubular cells. Drug Development Research, 2001, 54, 40-44.	1.4	1
97	Modulation of catecholamine release by endogenous adenosine in the rat adrenal medulla. , 2001, 8, 389.		1
98	Ca2+ mobilization induced by ?-hexachlorocyclohexane in Madin Darby canine kidney cells. Drug Development Research, 2000, 50, 186-192.	1.4	2
99	Characterization of Inhibition by Risperidone of the Inwardly Rectifying K+ Current in Pituitary GH3 Cells. Neuropsychopharmacology, 2000, 23, 676-689.	2.8	41
100	Dual action of palmitoyl trifluoromethyl ketone (PACOCF 3) on Ca 2+ signaling: activation of extracellular Ca 2+ influx and alteration of ATP- and bradykinin-induced Ca 2+ responses in Madin Darby canine kidney cells. Archives of Toxicology, 2000, 74, 447-451.	1.9	16