

Pei-Shan Liu

List of Publications by Year in descending order

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papers

974
citations

430874

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docs citations

40
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc Oxide Nanoparticles Interfere With Zinc Ion Homeostasis to Cause Cytotoxicity. <i>Toxicological Sciences</i> , 2012, 125, 462-472.	3.1	247
2	Demonstration of an Olfactory Bulbâ€“Brain Translocation Pathway for ZnO Nanoparticles in Rodent Cells In Vitro and In Vivo. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 464-471.	2.3	115
3	Caffeine-Sensitive Calcium Stores in Bovine Adrenal Chromaffin Cells. <i>Journal of Neurochemistry</i> , 1991, 56, 172-177.	3.9	59
4	Muscarinic acetylcholine receptors present in human osteoblast and bone tissue. <i>European Journal of Pharmacology</i> , 2011, 650, 34-40.	3.5	40
5	Saikosaponin d induces cell death through caspase-3-dependent, caspase-3-independent and mitochondrial pathways in mammalian hepatic stellate cells. <i>BMC Cancer</i> , 2016, 16, 532.	2.6	37
6	Baicalein increases keratin 1 and 10 expression in HaCaT keratinocytes via <scp>TRPV</scp>4 receptor activation. <i>Experimental Dermatology</i> , 2016, 25, 623-629.	2.9	34
7	Baicalein Decreases Hydrogen Peroxide-Induced Damage to NG108-15 Cells via Upregulation of Nrf2. <i>Journal of Cellular Physiology</i> , 2015, 230, 1840-1851.	4.1	30
8	Suppression by phthalates of the calcium signaling of human nicotinic acetylcholine receptors in human neuroblastoma SH-SY5Y cells. <i>Toxicology</i> , 2004, 200, 113-121.	4.2	28
9	Dehydroepiandrosterone sulfate inhibition of catecholamine secretion from bovine adrenal chromaffin cells. <i>Neuroscience Letters</i> , 1996, 204, 181-184.	2.1	27
10	Dual effect of capsaicin on cell death in human osteosarcoma G292 cells. <i>European Journal of Pharmacology</i> , 2013, 718, 350-360.	3.5	27
11	Butyl benzyl phthalate suppresses the ATP-induced cell proliferation in human osteosarcoma HOS cells. <i>Toxicology and Applied Pharmacology</i> , 2010, 244, 308-314.	2.8	24
12	Biphasic effects of chromium compounds on catecholamine secretion from bovine adrenal medullary cells. <i>Toxicology</i> , 1997, 117, 45-53.	4.2	23
13	Comparative suppression of phthalate monoesters and phthalate diesters on calcium signalling coupled to nicotinic acetylcholine receptors. <i>Journal of Toxicological Sciences</i> , 2009, 34, 255-263.	1.5	23
14	Baicalein inhibits matrix metalloproteinase 1 expression via activation of <scp>TRPV</scp>1â€“Caâ€“<scp>ERK</scp> pathway in ultraviolet Bâ€“irradiated human dermal fibroblasts. <i>Experimental Dermatology</i> , 2019, 28, 568-575.	2.9	21
15	Phthalates Suppress the Calcium Signaling of Nicotinic Acetylcholine Receptors in Bovine Adrenal Chromaffin Cells. <i>Toxicology and Applied Pharmacology</i> , 2002, 183, 92-98.	2.8	19
16	Amphetamine enhances Ca ²⁺ entry and catecholamine release via nicotinic receptor activation in bovine adrenal chromaffin cells. <i>European Journal of Pharmacology</i> , 2003, 460, 9-17.	3.5	18
17	Butyl benzyl phthalate blocks Ca ²⁺ signaling coupled with purinoceptor in rat PC12 cells. <i>Toxicology and Applied Pharmacology</i> , 2006, 210, 136-141.	2.8	18
18	Ultraviolet B irradiation induced Nrf2 degradation occurs via activation of TRPV1 channels in human dermal fibroblasts. <i>Free Radical Biology and Medicine</i> , 2019, 141, 220-232.	2.9	18

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19	Ultraviolet B irradiation increases keratin 1 and keratin 10 expressions in HaCaT keratinocytes via <sc>TRPV</sc>1 activation and <sc>ERK</sc> phosphorylation. <i>Experimental Dermatology</i> , 2017, 26, 832-835.	2.9	17
20	The COX-2-derived PGE2 autocrine contributes to bradykinin-induced matrix metalloproteinase-9 expression and astrocytic migration via STAT3 signaling. <i>Cell Communication and Signaling</i> , 2020, 18, 185.	6.5	14
21	DHEA attenuates catecholamine secretion from bovine adrenal chromaffin cells. <i>Journal of Biomedical Science</i> , 2004, 11, 200-205.	7.0	13
22	Butyl Benzyl Phthalate Blocks Ca ²⁺ Signaling and Catecholamine Secretion Coupled with Nicotinic Acetylcholine Receptors in Bovine Adrenal Chromaffin Cells. <i>NeuroToxicology</i> , 2003, 24, 97-105.	3.0	12
23	Dehydroepiandrosterone sulfate (DHEAS) suppresses P2X purinoceptor-coupled responses in PC12 cells. <i>Neurochemistry International</i> , 2001, 39, 193-198.	3.8	11
24	Effects of nonylphenol on the calcium signal and catecholamine secretion coupled with nicotinic acetylcholine receptors in bovine adrenal chromaffin cells. <i>Toxicology</i> , 2008, 244, 77-85.	4.2	11
25	Zinc oxide nanoparticles modulate the gene expression of ZnT1 and ZIP8 to manipulate zinc homeostasis and stress-induced cytotoxicity in human neuroblastoma SH-SY5Y cells. <i>PLoS ONE</i> , 2020, 15, e0232729.	2.5	11
26	2,4-Toluene diisocyanate suppressed the calcium signaling of ligand gated ion channel receptors. <i>Toxicology</i> , 2006, 219, 167-174.	4.2	10
27	Effects of dichlorobenzene on acetylcholine receptors in human neuroblastoma SH-SY5Y cells. <i>Toxicology</i> , 2008, 253, 28-35.	4.2	9
28	Neuroprotective Effects of Dehydroepiandrosterone Sulfate Through Inhibiting Expression of Matrix Metalloproteinase-9 from Bradykinin-Challenged Astroglia. <i>Molecular Neurobiology</i> , 2019, 56, 736-747.	4.0	9
29	Toluene diisocyanate (TDI) induces calcium elevation and interleukine-4 (IL-4) release - Early responses upon TDI stimulation. <i>Journal of Toxicological Sciences</i> , 2010, 35, 197-207.	1.5	7
30	Dopamine elevates intracellular zinc concentration in cultured rat embryonic cortical neurons through the cAMP-nitric oxide signaling cascade. <i>Molecular and Cellular Neurosciences</i> , 2017, 82, 35-45.	2.2	7
31	A new copper ionophore DPMQ protects cells against ultraviolet B irradiation by inhibiting the TRPV1 channel. <i>Journal of Cellular Physiology</i> , 2018, 233, 9594-9610.	4.1	7
32	Lion's Mane Medicinal Mushroom, <i>Herichium erinaceus</i> (Agaricomycetes), Modulates Purinoceptor-Coupled Calcium Signaling and Murine Nociceptive Behavior. <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 499-507.	1.5	7
33	Inhibition by 2,4-toluene diisocyanate of the calcium signaling of neuronal nicotinic acetylcholine receptors in human neuroblastoma SH-SY5Y cells. <i>Journal of Biomedical Science</i> , 2005, 12, 539-546.	7.0	6
34	Effects of caffeine on Ca ²⁺ fluxes and secretion in bovine chromaffin cells. <i>European Journal of Pharmacology</i> , 1995, 291, 265-272.	2.6	5
35	Acute phorbol ester treatment inhibits thapsigargin-induced cell death in porcine aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , 2012, 686, 8-15.	3.5	3
36	Effect of toluene diisocyanate on homeostasis of intracellular-free calcium in human neuroblastoma SH-SY5Y Cells. <i>Toxicology and Applied Pharmacology</i> , 2006, 211, 106-114.	2.8	2

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37	Effects of Hericium erinaceus Mycelium Extracts on the Functional Activity of Purinoceptors and Neuropathic Pain in Mice with L5 Spinal Nerve Ligation. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-12.	1.2	2
38	Caffeine-Induced Modulation of Network Oscillation in a Molluscan Olfactory Center. Zoological Science, 2007, 24, 1247-1250.	0.7	1
39	DHEA Attenuates Catecholamine Secretion from Bovine Adrenal Chromaffin Cells. Journal of Biomedical Science, 2004, 11, 200-205.	7.0	1