# Pei-Shan Liu

List of Publications by Year
in descending order



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|---|---|---|---|
| 39 papers | 974 citations | 430874 18 h-index | 434195 31 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 1626 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The COX-2-derived PGE2 autocrine contributes to bradykinin-induced matrix metalloproteinase-9 expression and astrocytic migration via STAT3 signaling. Cell Communication and Signaling, 2020, 18, 185. | 6.5 | 14 |
| 2 | Zinc oxide nanoparticles modulate the gene expression of ZnT1Âand ZIP8 to manipulate zinc homeostasis and stress-induced cytotoxicity in human neuroblastoma SH-SY5Y cells. PLoS ONE, 2020, 15, e0232729. | 2.5 | 11 |
| 3 | 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 |
| 4 | Neuroprotective Effects of Dehydroepiandrosterone Sulfate Through Inhibiting Expression of Matrix Metalloproteinase-9 from Bradykinin-Challenged Astroglia. Molecular Neurobiology, 2019, 56, 736-747. | 4.0 | 9 |
| 5 | Ultraviolet B irradiation induced Nrf2 degradation occurs via activation of TRPV1 channels in human dermal fibroblasts. Free Radical Biology and Medicine, 2019, 141, 220-232. | 2.9 | 18 |
| 6 | 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. Experimental Dermatology, 2019, 28, 568-575. | 2.9 | 21 |
| 7 | A new copper ionophore DPMQ protects cells against ultraviolet B irradiation by inhibiting the TRPV1 channel. Journal of Cellular Physiology, 2018, 233, 9594-9610. | 4.1 | 7 |
| 8 | Ultraviolet B irradiation increases keratin 1 and keratin 10 expressions in HaCaT keratinocytes via <scp>TRPV</scp>1 activation and <scp>ERK</scp> phosphorylation. Experimental Dermatology, 2017, 26, 832-835. | 2.9 | 17 |
| 9 | Dopamine elevates intracellular zinc concentration in cultured rat embryonic cortical neurons through the cAMP-nitric oxide signaling cascade. Molecular and Cellular Neurosciences, 2017, 82, 35-45. | 2.2 | 7 |
| 10 | Lion's Mane Medicinal Mushroom, Hericium erinaceus (Agaricomycetes), Modulates Purinoceptor-Coupled Calcium Signaling and Murine Nociceptive Behavior. International Journal of Medicinal Mushrooms, 2017, 19, 499-507. | 1.5 | 7 |
| 11 | Baicalein increases keratin 1 and 10 expression in HaCaT keratinocytes via <scp>TRPV</scp>4 receptor activation. Experimental Dermatology, 2016, 25, 623-629. | 2.9 | 34 |
| 12 | Saikosaponin d induces cell death through caspase-3-dependent, caspase-3-independent and mitochondrial pathways in mammalian hepatic stellate cells. BMC Cancer, 2016, 16, 532. | 2.6 | 37 |
| 13 | Baicalein Decreases Hydrogen Peroxide-Induced Damage to NG108-15 Cells via Upregulation of Nrf2. Journal of Cellular Physiology, 2015, 230, 1840-1851. | 4.1 | 30 |
| 14 | Dual effect of capsaicin on cell death in human osteosarcoma G292 cells. European Journal of Pharmacology, 2013, 718, 350-360. | 3.5 | 27 |
| 15 | Zinc Oxide Nanoparticles Interfere With Zinc Ion Homeostasis to Cause Cytotoxicity. Toxicological Sciences, 2012, 125, 462-472. | 3.1 | 247 |
| 16 | Demonstration of an Olfactory Bulbâ€“Brain Translocation Pathway for ZnO Nanoparticles in Rodent Cells In Vitro and In Vivo. Journal of Molecular Neuroscience, 2012, 48, 464-471. | 2.3 | 115 |
| 17 | Acute phorbol ester treatment inhibits thapsigargin-induced cell death in porcine aortic smooth muscle cells. European Journal of Pharmacology, 2012, 686, 8-15. | 3.5 | 3 |
| 18 | Muscarinic acetylcholine receptors present in human osteoblast and bone tissue. European Journal of Pharmacology, 2011, 650, 34-40. | 3.5 | 40 |

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|---|---|---|---|
| 19 | Toluene diisocyanate (TDI) induces calcium elevation and interleukine-4 (IL-4) release - Early responses upon TDI stimulation. Journal of Toxicological Sciences, 2010, 35, 197-207. | 1.5 | 7 |
| 20 | Butyl benzyl phthalate suppresses the ATP-induced cell proliferation in human osteosarcoma HOS cells. Toxicology and Applied Pharmacology, 2010, 244, 308-314. | 2.8 | 24 |
| 21 | Comparative suppression of phthalate monoesters and phthalate diesters on calcium signalling coupled to nicotinic acetylcholine receptors. Journal of Toxicological Sciences, 2009, 34, 255-263. | 1.5 | 23 |
| 22 | Effects of nonylphenol on the calcium signal and catecholamine secretion coupled with nicotinic acetylcholine receptors in bovine adrenal chromaffin cells. Toxicology, 2008, 244, 77-85. | 4.2 | 11 |
| 23 | Effects of dichlorobenzene on acetylcholine receptors in human neuroblastoma SH-SY5Y cells. Toxicology, 2008, 253, 28-35. | 4.2 | 9 |
| 24 | Caffeine-Induced Modulation of Network Oscillation in a Molluscan Olfactory Center. Zoological Science, 2007, 24, 1247-1250. | 0.7 | 1 |
| 25 | 2,4-Toluene diisocyanate suppressed the calcium signaling of ligand gated ion channel receptors. Toxicology, 2006, 219, 167-174. | 4.2 | 10 |
| 26 | Effect of toluene diisocyanate on homeostasis of intracellular-free calcium in human neuroblastoma SH-SY5Y Cells. Toxicology and Applied Pharmacology, 2006, 211, 106-114. | 2.8 | 2 |
| 27 | Butyl benzyl phthalate blocks Ca2+ signaling coupled with purinoceptor in rat PC12 cells. Toxicology and Applied Pharmacology, 2006, 210, 136-141. | 2.8 | 18 |
| 28 | Inhibition by 2,4-toluene diisocyanate of the calcium signaling of neuronal nicotinic acetylcholine receptors in human neuroblastoma SH-SY5Y cells. Journal of Biomedical Science, 2005, 12, 539-546. | 7.0 | 6 |
| 29 | DHEA attenuates catecholamine secretion from bovine adrenal chromaffin cells. Journal of Biomedical Science, 2004, 11, 200-205. | 7.0 | 13 |
| 30 | Suppression by phthalates of the calcium signaling of human nicotinic acetylcholine receptors in human neuroblastoma SH-SY5Y cells. Toxicology, 2004, 200, 113-121. | 4.2 | 28 |
| 31 | DHEA Attenuates Catecholamine Secretion from Bovine Adrenal Chromaffin Cells. Journal of Biomedical Science, 2004, 11, 200-205. | 7.0 | 1 |
| 32 | Amphetamine enhances Ca2+ entry and catecholamine release via nicotinic receptor activation in bovine adrenal chromaffin cells. European Journal of Pharmacology, 2003, 460, 9-17. | 3.5 | 18 |
| 33 | Butyl Benzyl Phthalate Blocks Ca2+ Signaling and Catecholamine Secretion Coupled with Nicotinic Acetylcholine Receptors in Bovine Adrenal Chromaffin Cells. NeuroToxicology, 2003, 24, 97-105. | 3.0 | 12 |
| 34 | Phthalates Suppress the Calcium Signaling of Nicotinic Acetylcholine Receptors in Bovine Adrenal Chromaffin Cells. Toxicology and Applied Pharmacology, 2002, 183, 92-98. | 2.8 | 19 |
| 35 | Dehydroepiandrosterone sulfate (DHEAS) suppresses P2X purinoceptor-coupled responses in PC12 cells. Neurochemistry International, 2001, 39, 193-198. | 3.8 | 11 |
| 36 | Biphasic effects of chromium compounds on catecholamine secretion from bovine adrenal medullary cells. Toxicology, 1997, 117, 45-53. | 4.2 | 23 |

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|---|---|---|---|
| 37 | Dehydroepiandrosterone sulfate inhibition of catecholamine secretion from bovine adrenal chromaffin cells. Neuroscience Letters, 1996, 204, 181-184. | 2.1 | 27 |
| 38 | Effects of caffeine on Ca2+ fluxes and secretion in bovine chromaffin cells. European Journal of Pharmacology, 1995, 291, 265-272. | 2.6 | 5 |
| 39 | Caffeine-Sensitive Calcium Stores in Bovine Adrenal Chromaffin Cells. Journal of Neurochemistry, 1991, 56, 172-177. | 3.9 | 59 |