

Yi-Ching Lo

List of Publications by Year in descending order

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92
papers

2,215
citations

201575

27
h-index

265120

42
g-index

92
all docs

92
docs citations

92
times ranked

2852
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic syndrome components and leukocyte telomere length in patients with major depressive disorder. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 483-492.	1.3	7
2	Hyperbaric Oxygen Therapy Improves Parkinson's Disease by Promoting Mitochondrial Biogenesis via the SIRT-1/PGC-1 α Pathway. <i>Biomolecules</i> , 2022, 12, 661.	1.8	13
3	Naringenin, a dietary flavanone, enhances insulin-like growth factor 1 receptor-mediated antioxidant defense and attenuates methylglyoxal-induced neurite damage and apoptotic death. <i>Nutritional Neuroscience</i> , 2021, 24, 71-81.	1.5	19
4	Effective Activation by Kynurenic Acid and Its Aminoalkylated Derivatives on M-Type K ⁺ Current. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1300.	1.8	7
5	Prevalence and Outcomes of Major Psychiatric Disorders Preceding Index Surgery for Degenerative Thoracic/Lumbar Spine Disease. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5391.	1.2	9
6	Triptolide prevents LPS-induced skeletal muscle atrophy via inhibiting NF- κ B/TNF- α and regulating protein synthesis/degradation pathway. <i>British Journal of Pharmacology</i> , 2021, 178, 2998-3016.	2.7	49
7	Characterization of the Inhibitory Effect of Gastrodigenin and Gastrodin on M-type K ⁺ Currents in Pituitary Cells and Hippocampal Neurons. <i>International Journal of Molecular Sciences</i> , 2020, 21, 117.	1.8	12
8	Characterization of Convergent Suppression by UCL-2077 (3-(Triphenylmethylaminomethyl)pyridine), Known to Inhibit Slow Afterhyperpolarization, of erg-Mediated Potassium Currents and Intermediate-Conductance Calcium-Activated Potassium Channels. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1441.	1.8	14
9	The Antioxidant, Anti-Inflammatory, and Neuroprotective Properties of the Synthetic Chalcone Derivative AN07. <i>Molecules</i> , 2020, 25, 2907.	1.7	27
10	Effectiveness in the Block by Honokiol, a Dimerized Allylphenol from <i>Magnolia officinalis</i> , of Hyperpolarization-Activated Cation Current and Delayed-Rectifier K ⁺ Current. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4260.	1.8	8
11	Characterization of Inhibitory Effectiveness in Hyperpolarization-Activated Cation Currents by a Group of ent-Kaurane-Type Diterpenoids from <i>Croton tonkinensis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 1268.	1.8	5
12	Characterization in Dual Activation by Oxaliplatin, a Platinum-Based Chemotherapeutic Agent of Hyperpolarization-Activated Cation and Electroporation-Induced Currents. <i>International Journal of Molecular Sciences</i> , 2020, 21, 396.	1.8	13
13	The novel protective effects of loganin against 4-methylphenylpyridinium-induced neurotoxicity: Enhancement of neurotrophic signaling, activation of IGF1R/GLP1R, and inhibition of RhoA/ROCK pathway. <i>Phytotherapy Research</i> , 2019, 33, 690-701.	2.8	25
14	2-Iodo-4-Methoxychalcone Attenuates Methylglyoxal-Induced Neurotoxicity by Activation of GLP-1 Receptor and Enhancement of Neurotrophic Signal, Antioxidant Defense and Glyoxalase Pathway. <i>Molecules</i> , 2019, 24, 2249.	1.7	13
15	Evidence for Effective Inhibitory Actions on Hyperpolarization-Activated Cation Current Caused by Ganoderma Triterpenoids, the Main Active Constituents of Ganoderma Spores. <i>Molecules</i> , 2019, 24, 4256.	1.7	9
16	Evidence for the Capability of Roxadustat (FG-4592), an Oral HIF Prolyl-Hydroxylase Inhibitor, to Perturb Membrane Ionic Currents: An Unidentified yet Important Action. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6027.	1.8	10
17	Protective effects of Liuwei dihuang water extracts on diabetic muscle atrophy. <i>Phytomedicine</i> , 2019, 53, 96-106.	2.3	18
18	Multiple regulatory actions of 2-guanidine-4-methylquinazoline (GMQ), an agonist of acid-sensing ion channel type 3, on ionic currents in pituitary GH 3 cells and in olfactory sensory (Rolf B1.T) neurons. <i>Biochemical Pharmacology</i> , 2018, 151, 79-88.	2.0	9

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19	Differential regulation of tefluthrin and telmisartan on the gating charges of INa activation and inactivation as well as on resurgent and persistent INa in a pituitary cell line (GH3). <i>Toxicology Letters</i> , 2018, 285, 104-112.	0.4	31
20	Resveratrol prevents nanoparticles-induced inflammation and oxidative stress via downregulation of PKC- δ and NADPH oxidase in lung epithelial A549 cells. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 211.	3.7	39
21	Identifying early decline of daily function and its association with physical function in chronic kidney disease: performance-based and self-reported measures. <i>PeerJ</i> , 2018, 6, e5286.	0.9	3
22	Effects of D-limonene on neurotropic factors and ionic currents in the olfactory nerve cells Rolf B1. T. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-12-14.	0.0	0
23	Protective effects of the water extract of Liuwei dihuang on methylglyoxal-induced atrophy in myotubes. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-9-35.	0.0	0
24	Important modifications by sugammadex, a modified β -cyclodextrin, of ion currents in differentiated NSC-34 neuronal cells. <i>BMC Neuroscience</i> , 2017, 18, 6.	0.8	10
25	The water extract of Liuwei dihuang possesses multi-protective properties on neurons and muscle tissue against deficiency of survival motor neuron protein. <i>Phytomedicine</i> , 2017, 34, 97-105.	2.3	11
26	Ginger Phytochemicals Inhibit Cell Growth and Modulate Drug Resistance Factors in Docetaxel Resistant Prostate Cancer Cell. <i>Molecules</i> , 2017, 22, 1477.	1.7	56
27	Loganin possesses neuroprotective properties, restores SMN protein and activates protein synthesis positive regulator Akt/mTOR in experimental models of spinal muscular atrophy. <i>Pharmacological Research</i> , 2016, 111, 58-75.	3.1	50
28	Validation of Taiwan Performance-Based Instrumental Activities of Daily Living (TPIADL), a Performance- Based Measurement of Instrumental Activities of Daily Living for Patients with Vascular Cognitive Impairment. <i>PLoS ONE</i> , 2016, 11, e0166546.	1.1	7
29	Inhibitory actions by ibandronate sodium, a nitrogen-containing bisphosphonate, on calcium-activated potassium channels in Madinâ€ˆDarby canine kidney cells. <i>Toxicology Reports</i> , 2015, 2, 1182-1193.	1.6	5
30	Actions of KMUPâ€ˆ1, a xanthine and piperazine derivative, on voltage-gated Na ⁺ and Ca ²⁺ -activated K ⁺ currents in GH ₃ pituitary tumour cells. <i>British Journal of Pharmacology</i> , 2015, 172, 5110-5122.	2.7	20
31	Investigations on contribution of glial inwardly-rectifying K ⁺ current to membrane potential and ion flux: An experimental and theoretical study. <i>Kaohsiung Journal of Medical Sciences</i> , 2015, 31, 9-17.	0.8	3
32	Propofol Attenuates Lipopolysaccharide-Induced Reactive Oxygen Species Production Through Activation of Nrf2/GSH and Suppression of NADPH Oxidase in Human Alveolar Epithelial Cells. <i>Inflammation</i> , 2015, 38, 415-423.	1.7	23
33	Autologous adipose-derived stem cells attenuate muscular atrophy and protect spinal cord ventral horn motor neurons in an animal model of burn injury. <i>Cytotherapy</i> , 2015, 17, 1066-1075.	0.3	14
34	The Utilization of a New Immunochromatographic Test in Detection of Helicobacter pylori Antibody from Maternal and Umbilical Cord Serum. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	7
35	Cyclic guanosine monophosphate-enhancing reduces androgenic extracellular regulated protein kinases-phosphorylation/Rho kinase II activation in benign prostate hyperplasia. <i>International Journal of Urology</i> , 2014, 21, 87-92.	0.5	5
36	Ability of naringenin, a bioflavonoid, to activate M-type potassium current in motor neuron-like cells and to increase BKCa-channel activity in HEK293T cells transfected with δ -hSlo subunit. <i>BMC Neuroscience</i> , 2014, 15, 135.	0.8	31

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37	High effectiveness of triptolide, an active diterpenoid triepoxide, in suppressing Kir-channel currents from human glioma cells. <i>European Journal of Pharmacology</i> , 2014, 738, 332-341.	1.7	5
38	Nanomolar Naloxone Attenuates Neurotoxicity Induced by Oxidative Stress and Survival Motor Neuron Protein Deficiency. <i>Neurotoxicity Research</i> , 2014, 25, 262-270.	1.3	11
39	The Chinese herbal formula Liuwei dihuang protects dopaminergic neurons against Parkinson's toxin through enhancing antioxidative defense and preventing apoptotic death. <i>Phytomedicine</i> , 2014, 21, 724-733.	2.3	41
40	Melamine activates NF κ B/COX-2/PGE2 pathway and increases NADPH oxidase α -dependent ROS production in macrophages and human embryonic kidney cells. <i>Toxicology in Vitro</i> , 2013, 27, 1603-1611.	1.1	30
41	Berberine, a natural antidiabetes drug, attenuates glucose neurotoxicity and promotes Nrf2-related neurite outgrowth. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 787-796.	1.3	116
42	Nrf2-Keap1 Antioxidant Defense and Cell Survival Signaling Are Upregulated by 17 β -Estradiol in Homocysteine-Treated Dopaminergic SH-SY5Y Cells. <i>Neuroendocrinology</i> , 2013, 97, 232-241.	1.2	44
43	Therapeutic potential of Liuwei dihuang wang, a traditional Chinese Medicine, for spinal muscular atrophy in vitro and in vivo. <i>FASEB Journal</i> , 2013, 27, 1b515.	0.2	0
44	Evidence for Inhibitory Effects of Flupirtine, a Centrally Acting Analgesic, on Delayed Rectifier K ⁺ Currents in Motor Neuron-Like Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	0.5	28
45	Neuroprotective Effects of San-Huang-Xie-Xin-Tang in the MPP ⁺ /MPTP Models of Parkinson's Disease <i>In Vitro</i> and <i>In Vivo</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	0.5	33
46	Paeonol Attenuates Microglia-Mediated Inflammation and Oxidative Stress-Induced Neurotoxicity in Rat Primary Microglia and Cortical Neurons. <i>Shock</i> , 2012, 37, 312-318.	1.0	79
47	Possible effects of reduced conductance in delayed-rectifier K ⁺ current on neuronal firing. <i>Movement Disorders</i> , 2012, 27, 1581-1582.	2.2	0
48	Triptolide increases transcript and protein levels of survival motor neurons in human SMA fibroblasts and improves survival in SMA-like mice. <i>British Journal of Pharmacology</i> , 2012, 166, 1114-1126.	2.7	19
49	Contribution of blocked potassium current conductance and increased conductance of persistent sodium current to the afterdischarge in myelinated neuron. <i>Muscle and Nerve</i> , 2012, 46, 297-299.	1.0	3
50	Berberine activates Nrf2 nuclear translocation and protects against oxidative damage via a phosphatidylinositol 3-kinase/Akt-dependent mechanism in NSC34 motor neuron-like cells. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 415-425.	1.9	124
51	Inhibitory effect of memantine, an NMDA-receptor antagonist, on electroporation-induced inward currents in pituitary GH3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 508-513.	1.0	13
52	Verapamil protects dopaminergic neuron damage through a novel anti-inflammatory mechanism by inhibition of microglial activation. <i>Neuropharmacology</i> , 2011, 60, 373-380.	2.0	56
53	Evidence for aconitine-induced inhibition of delayed rectifier K ⁺ current in Jurkat T-lymphocytes. <i>Toxicology</i> , 2011, 289, 11-18.	2.0	13
54	San-Huang-Xie-Xin-Tang Protects against Activated Microglia- and 6-OHDA-Induced Toxicity in Neuronal SH-SY5Y Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-11.	0.5	24

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55	Antioxidant eugenosedin-A protects against lipopolysaccharide-induced hypotension, hyperglycaemia and cytokine immunoreactivity in rats and mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 117-125.	1.2	36
56	Arecoline, a major alkaloid of the areca nut, causes neurotoxicity through enhancement of oxidative stress and suppression of the antioxidant protective system. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1471-1479.	1.3	90
57	KMUP-1 attenuates serum deprivation-induced neurotoxicity in SH-SY5Y cells: Roles of PKG, PI3K/Akt and Bcl-2/Bax pathways. <i>Toxicology</i> , 2010, 268, 46-54.	2.0	31
58	6-Hydroxycyclohexa-3,13-dien-15,16-olide Protects Neuronal Cells from Lipopolysaccharide-Induced Neurotoxicity through the Inhibition of Microglia-Mediated Inflammation. <i>Planta Medica</i> , 2010, 76, 120-127.	0.7	17
59	In vitro effects of Helicobacter pylori-induced infection in gastric epithelial AGS cells on microglia-mediated toxicity in neuroblastoma SH-SY5Y cells. <i>Inflammation Research</i> , 2009, 58, 329-335.	1.6	9
60	Piperazine-derived $1A/1D$ α -adrenoceptor blocker KMUP-1 and doxazosin provide down-regulation of androgen receptor and PSA in prostatic LNCaP cells growth and specifically in xenografts. <i>Prostate</i> , 2009, 69, 610-623.	1.2	19
61	Underlying mechanism of actions of tefluthrin, a pyrethroid insecticide, on voltage-gated ion currents and on action currents in pituitary tumor (GH3) cells and GnRH-secreting (GT1-7) neurons. <i>Toxicology</i> , 2009, 258, 70-77.	2.0	59
62	Analytical studies of rapidly inactivating and noninactivating sodium currents in differentiated NG108-15 neuronal cells. <i>Journal of Theoretical Biology</i> , 2009, 259, 828-836.	0.8	20
63	Effects of Ranolazine, a Novel Anti-anginal Drug, on Ion Currents and Membrane Potential in Pituitary Tumor GH3 Cells and NG108-15 Neuronal Cells. <i>Journal of Pharmacological Sciences</i> , 2009, 110, 295-305.	1.1	38
64	Synthesis and anti-platelet evaluation of 2-benzoylamino benzoate analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5803-5814.	1.4	6
65	Neuronal effects of 4- <i>t</i> -Butylcatechol: A model for catechol-containing antioxidants. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 247-255.	1.3	16
66	Effects of San-Huang-Xie-Xin-Tang on U46619-induced increase in pulmonary arterial blood pressure. <i>Journal of Ethnopharmacology</i> , 2008, 117, 457-462.	2.0	32
67	Characterization of aconitine-induced block of delayed rectifier K ⁺ current in differentiated NG108-15 neuronal cells. <i>Neuropharmacology</i> , 2008, 54, 912-923.	2.0	29
68	Anticancer Activity of Isoobtusilactone A from <i>Cinnamomum kotoense</i> : Involvement of Apoptosis, Cell-Cycle Dysregulation, Mitochondria Regulation, and Reactive Oxygen Species. <i>Journal of Natural Products</i> , 2008, 71, 933-940.	1.5	71
69	Neuroprotective Effects of Glyceryl Nonivamide against Microglia-Like Cells and 6-Hydroxydopamine-Induced Neurotoxicity in SH-SY5Y Human Dopaminergic Neuroblastoma Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 323, 877-887.	1.3	38
70	San-Huang-Xie-Xin-Tang inhibits Helicobacter pylori-induced inflammation in human gastric epithelial AGS cells. <i>Journal of Ethnopharmacology</i> , 2007, 112, 537-544.	2.0	61
71	cGMP-enhancing and $1A/1D$ α -adrenoceptor blockade-derived inhibition of Rho-kinase by KMUP-1 provides optimal prostate relaxation and epithelial cell anti-proliferation efficacy. <i>Prostate</i> , 2007, 67, 1397-1410.	1.2	26
72	A Xanthine-Based Epithelium-Dependent Airway Relaxant KMUP-3 (7-[2-[4-(4-Nitrobenzene)piperazinyl]ethyl]-1,3-dimethylxanthine) Increases Respiratory Performance and Protects against Tumor Necrosis Factor- α -Induced Tracheal Contraction, Involving Nitric Oxide Release and Expression of cGMP and Protein Kinase G. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 709-717.	1.3	16

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73	Effects of arecoline in relaxing human umbilical vessels and inhibiting endothelial cell growth. <i>Journal of Perinatal Medicine</i> , 2005, 33, 399-405.	0.6	24
74	San-Huang-Xie-Xin-Tang reduces lipopolysaccharides-induced hypotension and inflammatory mediators. <i>Journal of Ethnopharmacology</i> , 2005, 96, 99-106.	2.0	40
75	Characterization of chromanol 293B-induced block of the delayed-rectifier K ⁺ current in heart-derived H9c2 cells. <i>Life Sciences</i> , 2005, 76, 2275-2286.	2.0	11
76	Endothelium-dependent and -independent vasorelaxation by a theophylline derivative MCPT: Roles of cyclic nucleotides, potassium channel opening and phosphodiesterase inhibition. <i>Life Sciences</i> , 2005, 76, 931-944.	2.0	20
77	Capsaicin-induced cell death in a human gastric adenocarcinoma cell line. <i>World Journal of Gastroenterology</i> , 2005, 11, 6254.	1.4	52
78	Urgosedin Inhibits Hypotension, Hypoglycemia, and Pro-Inflammatory Mediators Induced by Lipopolysaccharide. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, 363-371.	0.8	13
79	KMUP-1, a xanthine derivative, induces relaxation of guinea-pig isolated trachea: the role of the epithelium, cyclic nucleotides and K ⁺ channels. <i>British Journal of Pharmacology</i> , 2004, 142, 1105-1114.	2.7	48
80	Inhibitory action of ICI-182,780, an estrogen receptor antagonist, on BKCa channel activity in cultured endothelial cells of human coronary artery. <i>Biochemical Pharmacology</i> , 2003, 66, 2053-2063.	2.0	21
81	A Novel Capsaicin Derivative VOA Induced Relaxation in Rat Mesenteric and Aortic Arteries. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 42, 511-520.	0.8	22
82	Vanillylamide-Based Propranolamine Derivative Displays \hat{I}_{\pm}/\hat{I}^2 -Adrenoceptor Blocking and Vasodilating Properties. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 39, 803-813.	0.8	3
83	KMUP-1 relaxes rabbit corpus cavernosum smooth muscle in vitro and in vivo : involvement of cyclic GMP and K ⁺ channels. <i>British Journal of Pharmacology</i> , 2002, 135, 1159-1166.	2.7	39
84	Prevention of cerebral vasospasm by a capsaicin derivative, glyceryl nonivamide, in an experimental model of subarachnoid hemorrhage. <i>World Neurosurgery</i> , 2001, 55, 297-301.	1.3	5
85	A new aspect of view in synthesizing new type \hat{I}^2 -adrenoceptor blockers with ancillary antioxidant activities. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1739-1746.	1.4	14
86	Isoeugenodilol: A vasorelaxant \hat{I}^2 -adrenoceptor blocker with antioxidant activity. <i>Drug Development Research</i> , 2000, 51, 29-42.	1.4	10
87	Nitrated nonivamide displaying a drawback of proton's role in capsaicin-associated sensory and neuronal activities. <i>General Pharmacology</i> , 1999, 33, 257-269.	0.7	2
88	Ferulidilol: A vasodilatory and antioxidant adrenoceptor and calcium entry blocker, with ancillary \hat{I}^2 -agonist activity. <i>Drug Development Research</i> , 1999, 47, 77-89.	1.4	12
89	Isoeugenolol: A Selective \hat{I}^2 -Adrenergic Antagonist With Tracheal and Vascular Smooth Muscle Relaxant Properties. <i>The Japanese Journal of Pharmacology</i> , 1999, 80, 127-136.	1.2	18
90	Selective block by glyceryl nonivamide of inwardly rectifying K ⁺ current in rat anterior pituitary GH3 cells. <i>Life Sciences</i> , 1998, 63, PL281-PL288.	2.0	11

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91	Glyceryl Nonivamide, a Nonpungent Analogue of Capsaicin, Enhances Substance P Release and Renal Function in Rats. <i>Pharmacology</i> , 1997, 54, 127-134.	0.9	3
92	Effect of capsaicin on membrane currents in cultured vascular smooth muscle cells of rat aorta. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1995, 292, 321-328.	0.8	12