

Wei-ting Chang

List of Publications by Year in descending order

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471509

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docs citations

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times ranked

1314
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of COVID-19 on cardio-oncology care in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 861-864.	1.7	0
2	Evidence for Inhibitory Perturbations on the Amplitude, Gating, and Hysteresis of A-Type Potassium Current, Produced by Lacosamide, a Functionalized Amino Acid with Anticonvulsant Properties. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1171.	4.1	2
3	Zingerone Modulates Neuronal Voltage-Gated Na ⁺ and L-Type Ca ²⁺ Currents. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3123.	4.1	6
4	The Effectiveness of Isoplumbagin and Plumbagin in Regulating Amplitude, Gating Kinetics, and Voltage-Dependent Hysteresis of erg-mediated K ⁺ Currents. <i>Biomedicines</i> , 2022, 10, 780.	3.2	4
5	Dapagliflozin protects against doxorubicin-induced cardiotoxicity by restoring STAT3. <i>Archives of Toxicology</i> , 2022, 96, 2021-2032.	4.2	13
6	Large and Small Animal Models of Heart Failure With Reduced Ejection Fraction. <i>Circulation Research</i> , 2022, 130, 1888-1905.	4.5	25
7	Effects of STAT3 on aging-dependent neovascularization impairment following limb ischemia: from bedside to bench. <i>Aging</i> , 2022, 14, 4897-4913.	3.1	3
8	Characterization in Inhibitory Effectiveness of Carbamazepine in Voltage-Gated Na ⁺ and Erg-Mediated K ⁺ Currents in a Mouse Neural Crest-Derived (Neuro-2a) Cell Line. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7892.	4.1	7
9	A Double-Edged Sword—Cardiovascular Concerns of Potential Anti-COVID-19 Drugs. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 205-214.	2.6	18
10	Cardiac Involvement of COVID-19: A Comprehensive Review. <i>American Journal of the Medical Sciences</i> , 2021, 361, 14-22.	1.1	104
11	Dapagliflozin suppresses ER stress and protects doxorubicin-induced cardiotoxicity in breast cancer patients. <i>Archives of Toxicology</i> , 2021, 95, 659-671.	4.2	30
12	The predictive value of global longitudinal strain in patients with heart failure mid-range ejection fraction. <i>Journal of Cardiology</i> , 2021, 77, 509-516.	1.9	4
13	The impact of COVID-19 on the research and educational environment in Taiwan -forewarned is forearmed. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 776-778.	1.7	0
14	Depressive effectiveness of vigabatrin ($\hat{1}^3$ -vinyl-GABA), an antiepileptic drug, in intermediate-conductance calcium-activated potassium channels in human glioma cells. <i>BMC Pharmacology & Toxicology</i> , 2021, 22, 6.	2.4	6
15	Effectiveness of Columbianadin, a Bioactive Coumarin Derivative, in Perturbing Transient and Persistent INa. <i>International Journal of Molecular Sciences</i> , 2021, 22, 621.	4.1	11
16	Angiotensin II blockers improve cardiac coronary flow under hemodynamic pressure overload. <i>Hypertension Research</i> , 2021, 44, 803-812.	2.7	1
17	Editorial to the Special Issue “Electrophysiology”. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2956.	4.1	7
18	The Integrated Effects of Brivaracetam, a Selective Analog of Levetiracetam, on Ionic Currents and Neuronal Excitability. <i>Biomedicines</i> , 2021, 9, 369.	3.2	12

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19	Effective Activation of BKCa Channels by QO-40 (5-(Chloromethyl)-3-(Naphthalen-1-yl)-2-(Trifluoromethyl)Pyrazolo [1,5-a]pyrimidin-7(4H)-one), Known to Be an Opener of KCNQ2/Q3 Channels. <i>Pharmaceuticals</i> , 2021, 14, 388.	3.8	2
20	MicroRNA-21 regulates right ventricular remodeling secondary to pulmonary arterial pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 154, 106-114.	1.9	8
21	Characterization of Direct Perturbations on Voltage-Gated Sodium Current by Esaxerenone, a Nonsteroidal Mineralocorticoid Receptor Blocker. <i>Biomedicines</i> , 2021, 9, 549.	3.2	19
22	A Rare Cause of Left Atrium Compression. <i>International Heart Journal</i> , 2021, 62, 944-948.	1.0	1
23	Effective Perturbations of the Amplitude, Gating, and Hysteresis of IK(DR) Caused by PT-2385, an HIF-2 α Inhibitor. <i>Membranes</i> , 2021, 11, 636.	3.0	5
24	Effective Accentuation of Voltage-Gated Sodium Current Caused by Apocynin (4-Hydroxy-3-methoxyacetophenone), a Known NADPH-Oxidase Inhibitor. <i>Biomedicines</i> , 2021, 9, 1146.	3.2	8
25	Risks of trastuzumab-related cardiotoxicity in breast cancer patients in Taiwan. <i>ESC Heart Failure</i> , 2021, 8, 5149-5158.	3.1	7
26	Acute kidney injury in patients treated with immune checkpoint inhibitors. , 2021, 9, e003467.		103
27	Cardiovascular Complications of COVID-19 and Associated Concerns: A Review. <i>Acta Cardiologica Sinica</i> , 2021, 37, 9-17.	0.2	5
28	Cilostazol eliminates radiation-resistant glioblastoma by re-evoking big conductance calcium-activated potassium channel activity. <i>American Journal of Cancer Research</i> , 2021, 11, 1148-1169.	1.4	1
29	The S Protein of SARS-CoV-2 Injures Cardiomyocytes Indirectly through the Release of Cytokines Instead of Direct Action. <i>Acta Cardiologica Sinica</i> , 2021, 37, 643-647.	0.2	0
30	Influence of warfarin on cardiac and cerebrovascular events following bioprosthetic aortic valve replacement: A nationwide cohort study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1730-1739.e1.	0.8	3
31	Growth differentiation factor-15 levels in the blood around the pulmonary artery is associated with hospitalization for heart failure in patients with pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-6.	1.7	6
32	Actions of FTY720 (Fingolimod), a Sphingosine-1-Phosphate Receptor Modulator, on Delayed-Rectifier K ⁺ Current and Intermediate-Conductance Ca ²⁺ -Activated K ⁺ Channel in Jurkat T-Lymphocytes. <i>Molecules</i> , 2020, 25, 4525.	3.8	3
33	Effects of Sesamin, the Major Furofuran Lignan of Sesame Oil, on the Amplitude and Gating of Voltage-Gated Na ⁺ and K ⁺ Currents. <i>Molecules</i> , 2020, 25, 3062.	3.8	10
34	Inhibitory Effectiveness of Gomisins A, a Dibenzocyclooctadiene Lignan Isolated from <i>Schizandra chinensis</i> , on the Amplitude and Gating of Voltage-Gated Na ⁺ Current. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8816.	4.1	3
35	The Specific Effects of OD-1, a Peptide Activator, on Voltage-Gated Sodium Current and Seizure Susceptibility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8254.	4.1	10
36	Telmisartan, an Antagonist of Angiotensin II Receptors, Accentuates Voltage-Gated Na ⁺ Currents and Hippocampal Neuronal Excitability. <i>Frontiers in Neuroscience</i> , 2020, 14, 902.	2.8	14

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37	Evidence for the Effectiveness of Remdesivir (GS-5734), a Nucleoside-Analog Antiviral Drug in the Inhibition of IK(M) or IK(DR) and in the Stimulation of IMEP. <i>Frontiers in Pharmacology</i> , 2020, 11, 1091.	3.5	22
38	Right ventricular reserve post mitral valve repair is associated with heart failure hospitalization. <i>Pulmonary Circulation</i> , 2020, 10, 204589402094385.	1.7	3
39	The Role of ROCK in Plateletâ€™Monocyte Collaborative Induction of Thromboinflammation during Acute Coronary Syndrome. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1417-1431.	3.4	8
40	High Capability of Pentagalloylglucose (PGG) in Inhibiting Multiple Types of Membrane Ionic Currents. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9369.	4.1	2
41	Characterization of the Synergistic Inhibition of IK(erg) and IK(DR) by Ribociclib, a Cyclin-Dependent Kinase 4/6 Inhibitor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8078.	4.1	8
42	Glibenclamide restores dopaminergic reward circuitry in obese mice through interscapular brown adipose tissue. <i>Psychoneuroendocrinology</i> , 2020, 118, 104712.	2.7	5
43	Effective block by pirfenidone, an antifibrotic pyridone compound (5-methyl-1-phenylpyridin-2[H-1]-one), on hyperpolarization-activated cation current: An additional but distinctive target. <i>European Journal of Pharmacology</i> , 2020, 882, 173237.	3.5	4
44	Efficient Cardiac Differentiation of Human Amniotic Fluid-Derived Stem Cells into Induced Pluripotent Stem Cells and Their Potential Immune Privilege. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2359.	4.1	13
45	Pulmonary thromboembolism with computed tomography defined chronic thrombus is associated with higher mortality. <i>Pulmonary Circulation</i> , 2020, 10, 1-8.	1.7	2
46	Differential Inhibitory Actions of Multitargeted Tyrosine Kinase Inhibitors on Different Ionic Current Types in Cardiomyocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1672.	4.1	6
47	High Efficacy by GAL-021: A Known Intravenous Peripheral Chemoreceptor Modulator that Suppresses BKCa-Channel Activity and Inhibits IK(M) or Ih. <i>Biomolecules</i> , 2020, 10, 188.	4.0	5
48	Layer-specific distribution of myocardial deformation from anthracycline-induced cardiotoxicity in patients with breast cancerâ€™From bedside to bench. <i>International Journal of Cardiology</i> , 2020, 311, 64-70.	1.7	17
49	Risk of ischaemic stroke in thyrotoxic atrial fibrillation. <i>Clinical Endocrinology</i> , 2019, 91, 561-570.	2.4	5
50	The Novel Direct Modulatory Effects of Perampanel, an Antagonist of AMPA Receptors, on Voltage-Gated Sodium and M-type Potassium Currents. <i>Biomolecules</i> , 2019, 9, 638.	4.0	19
51	MST3 is involved in ENaC-mediated hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F30-F42.	2.7	7
52	The biochemical and electrophysiological profiles of amniotic fluid-derived stem cells following Wnt signaling modulation cardiac differentiation. <i>Cell Death Discovery</i> , 2019, 5, 59.	4.7	9
53	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.	3.8	9
54	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.	4.1	10

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55	Activation of voltage-gated sodium current and inhibition of Ca^{2+} -mediated potassium current caused by telmisartan, an antagonist of angiotensin II type-1 receptor, in HL-1 atrial cardiomyocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 797-807.	1.9	18
56	Sodium Metabisulfite: Effects on Ionic Currents and Excitotoxicity. <i>Neurotoxicity Research</i> , 2018, 34, 1-15.	2.7	16
57	Defective trafficking of Kv2.1 channels in MPTP-induced nigrostriatal degeneration. <i>Journal of Neurochemistry</i> , 2018, 144, 483-497.	3.9	17
58	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.	0.8	31
59	The Novel Effect of Immunomodulator-Glatiramer Acetate on Epileptogenesis and Epileptic Seizures. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 150-168.	1.6	14
60	Pioglitazone, a PPAR- β Activator, Stimulates BKCa but Suppresses IKM in Hippocampal Neurons. <i>Frontiers in Pharmacology</i> , 2018, 9, 977.	3.5	15
61	Multiple Actions of Rotenone, an Inhibitor of Mitochondrial Respiratory Chain, on Ionic Currents and Miniature End-Plate Potential in Mouse Hippocampal (mHippoE-14) Neurons. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 330-343.	1.6	20
62	Estrogen ameliorates microglial activation by inhibiting the Kir2.1 inward-rectifier K ⁺ channel. <i>Scientific Reports</i> , 2016, 6, 22864.	3.3	34
63	Prognostic Factors in Patients With Pulmonary Hypertension—A Nationwide Cohort Study. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	32
64	Telmisartan improves cardiac fibrosis in diabetes through peroxisome proliferator activated receptor γ (PPAR γ): from bedside to bench. <i>Cardiovascular Diabetology</i> , 2016, 15, 113.	6.8	28
65	Association of Decreased Right Ventricular Strain with Worse Survival in Non-Acute Coronary Syndrome—Angina. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 350-358.e4.	2.8	16
66	The Early Predictive Value of Right Ventricular Strain in Epirubicin-Induced Cardiotoxicity in Patients with Breast Cancer. <i>Acta Cardiologica Sinica</i> , 2016, 32, 550-559.	0.2	29
67	Fetuin-A as a predictor of sarcopenic left ventricular dysfunction. <i>Scientific Reports</i> , 2015, 5, 12078.	3.3	11
68	Fetuin A adds prognostic value for cardiovascular outcomes among patients with coronary artery disease with moderate calcification. <i>International Journal of Cardiology</i> , 2015, 185, 159-161.	1.7	3
69	Defined MicroRNAs Induce Aspects of Maturation in Mouse and Human Embryonic-Stem-Cell-Derived Cardiomyocytes. <i>Cell Reports</i> , 2015, 12, 1960-1967.	6.4	77
70	Characterization of Aging-Associated Cardiac Diastolic Dysfunction. <i>PLoS ONE</i> , 2014, 9, e97455.	2.5	18
71	Evidence of pleiotropy by statins: Leukocyte Rho kinase (ROCK) activity and pretreated statin before percutaneous coronary interventions are clinical vascular outcome predictors. <i>International Journal of Cardiology</i> , 2014, 176, 250-253.	1.7	4
72	Left ventricular noncompaction cardiomyopathy: An under-recognized disease diagnosed by echocardiography and computed tomography. <i>Kaohsiung Journal of Medical Sciences</i> , 2014, 30, 376-377.	1.9	0

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73	The actions of mdivi-1, an inhibitor of mitochondrial fission, on rapidly activating delayed-rectifier K ⁺ current and membrane potential in HL-1 murine atrial cardiomyocytes. <i>European Journal of Pharmacology</i> , 2012, 683, 1-9.	3.5	39
74	Inhibitory action of methadone and its metabolites on erg-mediated K ⁺ current in GH3 pituitary tumor cells. <i>Toxicology</i> , 2011, 280, 1-9.	4.2	25
75	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.	4.2	59
76	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.	1.7	20
77	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.	2.5	38