

# Jwu-Lai Yeh

## List of Publications by Year in descending order

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95  
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1,889  
citations

279701

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docs citations

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times ranked

2435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Status Epilepticus Increases the Intracellular Accumulation of GABAA Receptors. <i>Journal of Neuroscience</i> , 2005, 25, 5511-5520.	1.7	280
2	Metformin Uniquely Prevents Thrombosis by Inhibiting Platelet Activation and mtDNA Release. <i>Scientific Reports</i> , 2016, 6, 36222.	1.6	91
3	The new generation dihydropyridine type calcium blockers, bearing 4-phenyl oxypropanolamine, display $\alpha_1$ -/ $\beta_2$ -Adrenoceptor antagonist and long-Acting antihypertensive activities. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 719-730.	1.4	71
4	Liraglutide prevents and reverses monocrotaline-induced pulmonary arterial hypertension by suppressing ET-1 and enhancing eNOS/sGC/PKG pathways. <i>Scientific Reports</i> , 2016, 6, 31788.	1.6	50
5	Loganin prevents chronic constriction injury-provoked neuropathic pain by reducing TNF- $\alpha$ /IL-1 $\beta$ -mediated NF- $\kappa$ B activation and Schwann cell demyelination. <i>Phytomedicine</i> , 2020, 67, 153166.	2.3	45
6	San-Huang-Xie-Xin-Tang protects cardiomyocytes against hypoxia/reoxygenation injury via inhibition of oxidative stress-induced apoptosis. <i>Journal of Natural Medicines</i> , 2012, 66, 311-320.	1.1	42
7	Lercanidipine inhibits vascular smooth muscle cell proliferation and neointimal formation via reducing intracellular reactive oxygen species and inactivating Ras-ERK1/2 signaling. <i>Pharmacological Research</i> , 2009, 59, 48-56.	3.1	41
8	Glucagon-Like Peptide-1 Receptor Agonist Attenuates Autophagy to Ameliorate Pulmonary Arterial Hypertension through Drp1/NOX- and Atg-5/Atg-7/Beclin-1/LC3 $\beta$ Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3435.	1.8	41
9	Baicalein, an active component of <i>Scutellaria baicalensis</i> Georgi, prevents lysophosphatidylcholine-induced cardiac injury by reducing reactive oxygen species production, calcium overload and apoptosis via MAPK pathways. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 233.	3.7	40
10	KMUP-1 attenuates isoprenaline-induced cardiac hypertrophy in rats through NO/cGMP/PKG and ERK1/2/calcineurin A pathways. <i>British Journal of Pharmacology</i> , 2010, 159, 1151-1160.	2.7	39
11	The xanthine derivative KMUP-1 inhibits models of pulmonary artery hypertension via increased NO and cGMP-dependent inhibition of RhoA/Rho kinase. <i>British Journal of Pharmacology</i> , 2010, 160, 971-986.	2.7	39
12	Molecular Mechanisms for Regulating Postnatal Ductus Arteriosus Closure. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1861.	1.8	38
13	Inhibition of Proinflammatory Tumor Necrosis Factor- $\alpha$ -induced Inducible Nitric-Oxide Synthase by Xanthine-Based 7-[2-[4-(2-Chlorobenzene)piperazinyl]ethyl]-1,3-dimethylxanthine (KMUP-1) and 7-[2-[4-(4-Nitrobenzene)piperazinyl]ethyl]-1, 3-dimethylxanthine (KMUP-3) in Rat Trachea: The Involvement of Soluble Guanylate Cyclase and Protein Kinase G. <i>Molecular Pharmacology</i> , 2006, 70, 877-885.	1.0	37
14	Fat Grafting in Burn Scar Alleviates Neuropathic Pain via Anti-Inflammation Effect in Scar and Spinal Cord. <i>PLoS ONE</i> , 2015, 10, e0137563.	1.1	37
15	Xanthohumol isolated from <i>Humulus lupulus</i> prevents thrombosis without increased bleeding risk by inhibiting platelet activation and mtDNA release. <i>Free Radical Biology and Medicine</i> , 2017, 108, 247-257.	1.3	35
16	Inhibition of human prostate cancer cells proliferation by a selective $\alpha_1$ -adrenoceptor antagonist labedipinedilol-A involves cell cycle arrest and apoptosis. <i>Toxicology</i> , 2009, 256, 13-24.	2.0	31
17	Gamma-secretase Inhibitor Prevents Proliferation and Migration of Ductus Arteriosus Smooth Muscle Cells through the Notch3-HES1/2/5 Pathway. <i>International Journal of Biological Sciences</i> , 2016, 12, 1063-1073.	2.6	28
18	Inhibition of Mitogen-Mediated Proliferation of Rat Vascular Smooth Muscle Cells by Labedipinedilol-A through PKC and ERK 1/2 Pathway. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, 539-551.	0.8	27

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19	KMUP-1 Promotes Osteoblast Differentiation Through cAMP and cGMP Pathways and Signaling of BMP-2/Smad1/5/8 and Wnt/ $\beta$ -Catenin. <i>Journal of Cellular Physiology</i> , 2015, 230, 2038-2048.	2.0	26
20	Upregulation of endothelial nitric oxide synthase and endothelin-1 in pulmonary hypertension secondary to heart failure in aorta-banded rats. <i>Pediatric Pulmonology</i> , 2004, 37, 249-256.	1.0	25
21	Baicalein Inhibits HMGB1 Release and MMP-2/9 Expression in Lipopolysaccharide-Induced Cardiac Hypertrophy. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 785-797.	1.5	25
22	Autologous Fat Grafting Alleviates Burn-Induced Neuropathic Pain in Rats. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 1396-1405.	0.7	25
23	Exogenous Heat Shock Cognate Protein 70 Suppresses LPS-Induced Inflammation by Down-Regulating NF- $\kappa$ B through MAPK and MMP-2/9 Pathways in Macrophages. <i>Molecules</i> , 2018, 23, 2124.	1.7	25
24	Labeledipinedilol-A prevents lysophosphatidylcholine-induced vascular smooth muscle cell death through reducing reactive oxygen species production and anti-apoptosis. <i>Atherosclerosis</i> , 2011, 217, 379-386.	0.4	23
25	Lercanidipine and labeledipinedilol-A attenuate lipopolysaccharide/interferon- $\gamma$ -induced inflammation in rat vascular smooth muscle cells through inhibition of HMGB1 release and MMP-2, 9 activities. <i>Atherosclerosis</i> , 2013, 226, 364-372.	0.4	23
26	Vanidipinedilol: A Vanilloid-Based $\alpha_2$ -Adrenoceptor Blocker Displaying Calcium Entry Blocking and Vasorelaxant Activities. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 35, 51-63.	0.8	23
27	KMUP-1 Suppresses RANKL-Induced Osteoclastogenesis and Prevents Ovariectomy-Induced Bone Loss: Roles of MAPKs, Akt, NF- $\kappa$ B and Calcium/Calcineurin/NFATc1 Pathways. <i>PLoS ONE</i> , 2013, 8, e69468.	1.1	23
28	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
29	Exogenous Heat Shock Cognate Protein 70 Pretreatment Attenuates Cardiac and Hepatic Dysfunction With Associated Anti-inflammatory Responses in Experimental Septic Shock. <i>Shock</i> , 2014, 42, 540-547.	1.0	22
30	San-Huang-Xie-Xin-Tang Prevents Rat Hearts from Ischemia/Reperfusion-Induced Apoptosis through eNOS and MAPK Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-9.	0.5	21
31	KMUP-1 inhibits pulmonary artery proliferation by targeting serotonin receptors/transporter and NO synthase, inactivating RhoA and suppressing AKT/ERK phosphorylation. <i>Vascular Pharmacology</i> , 2010, 53, 239-249.	1.0	19
32	B-type natriuretic peptide inhibits angiotensin II-induced proliferation and migration of pulmonary arterial smooth muscle cells. <i>Pediatric Pulmonology</i> , 2014, 49, 734-744.	1.0	19
33	Guaiacoxypropanolamine Derivatives of Capsaicin: A New Family of $\beta_2$ -Adrenoceptor Blockers with Intrinsic Cardiotonic Properties. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 938-943.	2.9	18
34	Labeledipinedilol-A: A vanilloid-based $\alpha_2$ -adrenoceptor blocker with calcium entry blocking and long-acting antihypertensive properties. <i>Drug Development Research</i> , 2000, 49, 94-108.	1.4	18
35	Targeting vascular smooth muscle cell dysfunction with xanthine derivative KMUP-3 inhibits abdominal aortic aneurysm in mice. <i>Atherosclerosis</i> , 2020, 297, 16-24.	0.4	18
36	Loganin prevents CXCL12/CXCR4-regulated neuropathic pain via the NLRP3 inflammasome axis in nerve-injured rats. <i>Phytomedicine</i> , 2021, 92, 153734.	2.3	18

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37	KMUP-1 Attenuates Endothelin-1-Induced Cardiomyocyte Hypertrophy through Activation of Heme Oxygenase-1 and Suppression of the Akt/GSK-3 $\beta$ , Calcineurin/NFATc4 and RhoA/ROCK Pathways. <i>Molecules</i> , 2015, 20, 10435-10449.	1.7	17
38	Antiplatelet activity of synthetic pyrrolo-benzylisoquinolines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 821-823.	1.0	16
39	Attenuation of pulmonary hypertension secondary to left ventricular dysfunction in the rat by Rho-kinase inhibitor fasudil. <i>Pediatric Pulmonology</i> , 2011, 46, 45-59.	1.0	16
40	Third-Degree Hindpaw Burn Injury Induced Apoptosis of Lumbar Spinal Cord Ventral Horn Motor Neurons and Sciatic Nerve and Muscle Atrophy in Rats. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	16
41	Endothelial nitric oxide synthase-enhancing G-protein coupled receptor antagonist inhibits pulmonary artery hypertension by endothelin-dependent and endothelin-independent pathways in a monocrotaline model. <i>Kaohsiung Journal of Medical Sciences</i> , 2014, 30, 267-278.	0.8	15
42	Statins ameliorate pulmonary hypertension secondary to left ventricular dysfunction through the Rho-kinase pathway and NADPH oxidase. <i>Pediatric Pulmonology</i> , 2017, 52, 443-457.	1.0	15
43	The Preventive Effects of Xanthohumol on Vascular Calcification Induced by Vitamin D3 Plus Nicotine. <i>Antioxidants</i> , 2020, 9, 956.	2.2	15
44	Pharmacological effects of an aldehyde type $\alpha$ / $\beta$ -adrenoceptor blocking agent with vasodilating properties. <i>General Pharmacology</i> , 2000, 34, 391-400.	0.7	14
45	A new aspect of view in synthesizing new type $\alpha$ -adrenoceptor blockers with ancillary antioxidant activities. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1739-1746.	1.4	14
46	Increased circulating big endothelin-1, endothelin-1 and atrial natriuretic peptide in infants and children with heart failure secondary to congenital heart disease. <i>International Journal of Cardiology</i> , 2005, 104, 15-20.	0.8	14
47	Protective effect of labeledipinedilol-A, a novel dihydropyridine-type calcium channel blocker, on myocardial apoptosis in ischemia-reperfusion injury. <i>Life Sciences</i> , 2006, 79, 1248-1256.	2.0	14
48	KMUP-3 attenuates ventricular remodelling after myocardial infarction through eNOS enhancement and restoration of MMP9/TIMP1 balance. <i>British Journal of Pharmacology</i> , 2011, 162, 126-135.	2.7	14
49	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
50	Indonesian herbal medicine prevents hypertension-induced left ventricular hypertrophy by diminishing NADPH oxidase-dependent oxidative stress. <i>Oncotarget</i> , 2017, 8, 86784-86798.	0.8	14
51	Activation of endothelial NO synthase by a xanthine derivative ameliorates hypoxia-induced apoptosis in endothelial progenitor cells. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 810-818.	1.2	13
52	Ferulidilol: A vasodilatory and antioxidant adrenoceptor and calcium entry blocker, with ancillary $\beta$ -agonist activity. <i>Drug Development Research</i> , 1999, 47, 77-89.	1.4	12
53	Isoeugenodilol inhibits smooth muscle cell proliferation and neointimal thickening after balloon injury via inactivation of ERK1/2 pathway. <i>Journal of Biomedical Science</i> , 2008, 15, 375-389.	2.6	12
54	Myeloid thrombomodulin lectin-like domain inhibits osteoclastogenesis and inflammatory bone loss. <i>Scientific Reports</i> , 2016, 6, 28340.	1.6	12

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55	Isoeugenodilol: A vasorelaxant $\alpha_1$ -adrenoceptor blocker with antioxidant activity. <i>Drug Development Research</i> , 2000, 51, 29-42.	1.4	10
56	Vasculoprotective effects of <i>Centella asiatica</i> , <i>Justicia gendarussa</i> and <i>Imperata cylindrica</i> decoction via the NOXs-ROS-NF- $\kappa$ B pathway in spontaneously hypertensive rats. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 378-388.	1.5	10
57	Extracellular heat shock protein HSC70 protects against lipopolysaccharide-induced hypertrophic responses in rat cardiomyocytes. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110370.	2.5	10
58	Molecular Mechanisms Underlying Remodeling of Ductus Arteriosus: Looking beyond the Prostaglandin Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3238.	1.8	10
59	Xanthine-derived KMUP-1 reverses glucotoxicity-activated Kv channels through the cAMP/PKA signaling pathway in rat pancreatic $\beta$ cells. <i>Chemico-Biological Interactions</i> , 2018, 279, 171-176.	1.7	9
60	KMUP-1 Ameliorates Ischemia-Induced Cardiomyocyte Apoptosis through the NO-cGMP-MAPK Signaling Pathways. <i>Molecules</i> , 2019, 24, 1376.	1.7	9
61	The beneficial effects of angiotensin-converting enzyme II (ACE2) activator in pulmonary hypertension secondary to left ventricular dysfunction. <i>International Journal of Medical Sciences</i> , 2020, 17, 2594-2602.	1.1	9
62	In Vitro Evaluation of the Anti-Inflammatory Effect of KMUP-1 and In Vivo Analysis of Its Therapeutic Potential in Osteoarthritis. <i>Biomedicines</i> , 2021, 9, 615.	1.4	9
63	Potential Actions of Baicalein for Preventing Vascular Calcification of Smooth Muscle Cells In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5673.	1.8	9
64	Anti-Hypertension Effect of Vanylidilol: A Phenylaldehyde $\alpha_1$ -Adrenoceptor Blocker with Endothelium-Dependent and $K^+$ Channels Opening-Associated Vasorelaxant Activities. <i>Pharmacology</i> , 2004, 70, 140-151.	0.9	8
65	KMUP-1 inhibits hypertension-induced left ventricular hypertrophy through regulation of nitric oxide synthases, ERK1/2, and calcineurin. <i>Kaohsiung Journal of Medical Sciences</i> , 2012, 28, 567-576.	0.8	8
66	Inhibition of Neointima Hyperplasia, Inflammation, and Reactive Oxygen Species in Balloon-Injured Arteries by HVJ Envelope Vector-Mediated Delivery of Superoxide Dismutase Gene. <i>Translational Stroke Research</i> , 2019, 10, 413-427.	2.3	8
67	Role of Extracellular Matrix in Pathophysiology of Patent Ductus Arteriosus: Emphasis on Vascular Remodeling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4761.	1.8	8
68	Angiotensin-Converting Enzyme 2 Activator Ameliorates Severe Pulmonary Hypertension in a Rat Model of Left Pneumonectomy Combined With VEGF Inhibition. <i>Frontiers in Medicine</i> , 2021, 8, 619133.	1.2	8
69	The Vasorelaxing Action of Labeledipinedilol-A Involves Endothelial Cell-Derived NO and eNOS Expression Caused by Calcium Influx. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 45, 232-240.	0.8	7
70	Labeledipinedilol-C: A Third-Generation Dihydropyridine-Type Calcium Channel Antagonist Displaying $K^+$ Channel Opening, NO-Dependent and Adrenergic Antagonist Activities. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 46, 130-140.	0.8	7
71	Inhibition of voltage-gated L-type calcium channels by labeledipinedilol-A involves protein kinase C in rat cerebrovascular smooth muscle cells. <i>Vascular Pharmacology</i> , 2009, 51, 65-71.	1.0	7
72	The Xanthine Derivative KMUP-1 Attenuates Serotonin-Induced Vasoconstriction and $K^+$ -Channel Inhibitory Activity via the PKC Pathway in Pulmonary Arteries. <i>International Journal of Biological Sciences</i> , 2015, 11, 633-642.	2.6	7

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73	Effects of sildenafil on pulmonary hypertension and levels of ET-1, eNOS, and cGMP in aorta-banded rats. <i>Experimental Biology and Medicine</i> , 2006, 231, 942-7.	1.1	7
74	Third-generation dihydropyridine-type calcium channel blocker labedipinedilol-B displays $\alpha_1$ -adrenoceptor blocking activities. <i>Drug Development Research</i> , 2001, 52, 462-474.	1.4	5
75	Ventricular PKC- $\alpha$ and humoral signaling in DOCA-Salt rats treated with labedipinedilol-A. <i>Drug Development Research</i> , 2003, 59, 307-315.	1.4	5
76	Cyclic guanosine monophosphate-enhancing reduces androgenic extracellular regulated protein kinases-phosphorylation/Rho kinase activation in benign prostate hyperplasia. <i>International Journal of Urology</i> , 2014, 21, 87-92.	0.5	5
77	KMUP-1, a GPCR Modulator, Attenuates Triglyceride Accumulation Involved MAPKs/Akt/PPAR $\gamma^3$ and PKA/PKG/HSL Signaling in 3T3-L1 Preadipocytes. <i>Molecules</i> , 2018, 23, 2433.	1.7	5
78	B-type natriuretic peptide prevents postnatal closure of ductus arteriosus by both vasodilation and anti-remodeling in neonatal rats. <i>Clinical Science</i> , 2018, 132, 2045-2058.	1.8	5
79	KMUP 880708: A vanillylamine-based $\alpha_1$ -adrenoceptor antagonist with $\alpha_1$ -adrenoceptor blocking and potassium channel opening activities. <i>Drug Development Research</i> , 2002, 55, 104-117.	1.4	4
80	Protective effects of a dual endothelin converting enzyme/neutral endopeptidase inhibitor on the development of pulmonary hypertension secondary to cardiac dysfunction in the rat. <i>Pediatric Pulmonology</i> , 2010, 45, 1076-1085.	1.0	4
81	Differential change in expression of pulmonary ET-1 and eNOS in rats after chronic left ventricular pressure overload. <i>Experimental Biology and Medicine</i> , 2006, 231, 948-53.	1.1	4
82	Xanthine Derivative KMUP-1 Attenuates Experimental Periodontitis by Reducing Osteoclast Differentiation and Inflammation. <i>Frontiers in Pharmacology</i> , 2022, 13, 821492.	1.6	4
83	The Potential Application and Promising Role of Targeted Therapy in Pulmonary Arterial Hypertension. <i>Biomedicines</i> , 2022, 10, 1415.	1.4	4
84	Multiple sensory and functional effects of non-phenolic aminodimethylene nonivamide: An approach to capsaicin antagonist. <i>General Pharmacology</i> , 1996, 27, 151-158.	0.7	3
85	Ionic Effects of Capsinolol, a Calcitonin Gene-Related Peptide Releasing $\hat{\alpha}_2$ -Adrenoceptor Blocker, on Isolated Cardiac Muscles. <i>General Pharmacology</i> , 1998, 31, 253-260.	0.7	3
86	Vanillylamine-Based Propranolamine Derivative Displays $\hat{\alpha}_1/\hat{\alpha}_2$ -Adrenoceptor Blocking and Vasodilating Properties. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 39, 803-813.	0.8	3
87	Cinaciguat Prevents Postnatal Closure of Ductus Arteriosus by Vasodilation and Anti-remodeling in Neonatal Rats. <i>Frontiers in Physiology</i> , 2021, 12, 661171.	1.3	3
88	Clinical Patterns of Traditional Chinese Medicine for Ischemic Heart Disease Treatment: A Population-Based Cohort Study. <i>Medicina (Lithuania)</i> , 2022, 58, 879.	0.8	3
89	Ocular hypotensive, vasorelaxant and cyclic AMP intermediation activities of clozapine displaying antiglaucoma properties. <i>Drug Development Research</i> , 1998, 44, 163-173.	1.4	2
90	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

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91	Phosphodiesterase inhibitor KMUP-3 displays cardioprotection via protein kinase G and increases cardiac output via G-protein-coupled receptor agonist activity and Ca <sup>2+</sup> sensitization. Kaohsiung Journal of Medical Sciences, 2016, 32, 55-67.	0.8	2
92	Data supporting the effects of xanthine derivative KMUP-3 on vascular smooth muscle cell calcification and abdominal aortic aneurysm in mice. Data in Brief, 2020, 30, 105550.	0.5	1
93	Effects of labedipinedilol-A, third-generation dihydropyridine-type calcium blocker, on ouabain-induced arrhythmia. Drug Development Research, 2008, 69, 26-33.	1.4	0
94	BKCa Channel Inhibition by Peripheral Nerve Injury Is Restored by the Xanthine Derivative KMUP-1 in Dorsal Root Ganglia. Cells, 2021, 10, 949.	1.8	0
95	Cardiovascular protective effect of Indonesian herbal medicine in spontaneously hypertensive rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-10-27.	0.0	0