Kai-Chien Yang

List of Publications by Year
in descending order

53	2,070	236612	243296
papers	citations	25 h-index	44 g-index

53	53	53	3937
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep RNA Sequencing Reveals Dynamic Regulation of Myocardial Noncoding RNAs in Failing Human Heart and Remodeling With Mechanical Circulatory Support. Circulation, 2014, 129, 1009-1021.	1.6	391
2	Blood NfL. Neurology, 2019, 93, e1104-e1111.	1.5	144
3	Mechanisms of Sudden Cardiac Death. Circulation Research, 2015, 116, 1937-1955.	2.0	99
4	Mitochondria and arrhythmias. Free Radical Biology and Medicine, 2014, 71, 351-361.	1.3	93
5	Endoplasmic Reticulum Protein TXNDC5 Augments Myocardial Fibrosis by Facilitating Extracellular Matrix Protein Folding and Redox-Sensitive Cardiac Fibroblast Activation. Circulation Research, 2018, 122, 1052-1068.	2.0	68
6	Cardiac sodium channel mutations: why so many phenotypes?. Nature Reviews Cardiology, 2014, 11, 607-615.	6.1	65
7	Fibroblast-enriched endoplasmic reticulum protein TXNDC5 promotes pulmonary fibrosis by augmenting TGFÎ² signaling through TGFBR1 stabilization. Nature Communications, 2020, 11, 4254.	5.8	62
8	Unfolded Protein Response Regulates Cardiac Sodium Current in Systolic Human Heart Failure. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 1018-1024.	2.1	56
9	Exenatide Improves Glucose Homeostasis and Prolongs Survival in a Murine Model of Dilated Cardiomyopathy. PLoS ONE, 2011, 6, e17178.	1.1	54
10	Oxidative Stress and Atrial Fibrillation. Circulation, 2013, 128, 1724-1726.	1.6	53
11	Endoplasmic reticulum protein TXNDC5 promotes renal fibrosis by enforcing TGF-Î² signaling in kidney fibroblasts. Journal of Clinical Investigation, 2021, 131, .	3.9	52
12	Homeostatic regulation of electrical excitability in physiological cardiac hypertrophy. Journal of Physiology, 2010, 588, 5015-5032.	1.3	50
13	Right Ventricular Myocardial Biomarkers in Human Heart Failure. Journal of Cardiac Failure, 2015, 21, 398-411.	0.7	49
14	Statins do not improve short-term survival in an oriental population with sepsis. American Journal of Emergency Medicine, 2007, 25, 494-501.	0.7	45
15	Mechanisms contributing to myocardial potassium channel diversity, regulation and remodeling. Trends in Cardiovascular Medicine, 2016, 26, 209-218.	2.3	42
16	Cannabinoid receptor 1 antagonist genistein attenuates marijuana-induced vascular inflammation. Cell, 2022, 185, 1676-1693.e23.	13.5	40
17	Combined deep microRNA and mRNA sequencing identifies protective transcriptomal signature of enhanced PI3KÎ± signaling in cardiac hypertrophy. Journal of Molecular and Cellular Cardiology, 2012, 53, 101-112.	0.9	39
18	Invasive Infections of Aggregatibacter (Actinobacillus) Actinomycetemcomitans. Journal of Microbiology, Immunology and Infection, 2010, 43, 491-497.	1.5	38

#	Article	IF	Citations
19	Enhanced cardiac PI3KÎ± signalling mitigates arrhythmogenic electrical remodelling in pathological hypertrophy and heart failure. Cardiovascular Research, 2012, 93, 252-262.	1.8	35
20	Magnetic Nanoparticles Conjugated with Peptides Derived from Monocyte Chemoattractant Protein-1 as a Tool for Targeting Atherosclerosis. Pharmaceutics, 2018, 10, 62.	2.0	34
21	LDLR and ApoB are Major Genetic Causes of Autosomal Dominant Hypercholesterolemia in a Taiwanese Population. Journal of the Formosan Medical Association, 2007, 106, 799-807.	0.8	33
22	Functional significance of the discordance between transcriptional profile and left ventricular structure/function during reverse remodeling. JCI Insight, 2016, 1, e86038.	2.3	33
23	Role of protein kinase C in metabolic regulation of the cardiac Na+ channel. Heart Rhythm, 2017, 14, 440-447.	0.3	32
24	Methylation in pericytes after acute injury promotes chronic kidney disease. Journal of Clinical Investigation, 2020, 130, 4845-4857.	3.9	32
25	Caveolin-1 Modulates Cardiac Gap Junction Homeostasis and Arrhythmogenecity by Regulating cSrc Tyrosine Kinase. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 701-710.	2.1	31
26	Hepatitis B virus seropositivity is not associated with increased risk of carotid atherosclerosis in Taiwanese. Atherosclerosis, 2007, 195, 392-397.	0.4	28
27	Dual Targeting of 3-Hydroxy-3-methylglutaryl Coenzyme A Reductase and Histone Deacetylase as a Therapy for Colorectal Cancer. EBioMedicine, 2016, 10, 124-136.	2.7	28
28	Plasma pS129-Î±-Synuclein Is a Surrogate Biofluid Marker of Motor Severity and Progression in Parkinsonâ€™s Disease. Journal of Clinical Medicine, 2019, 8, 1601.	1.0	24
29	First-Pass Myocardial Perfusion Cardiovascular Magnetic Resonance at 3 Tesla. Journal of Cardiovascular Magnetic Resonance, 2007, 9, 633-644.	1.6	23
30	Counteracting Cisplatin-Induced Testicular Damages by Natural Polyphenol Constituent Honokiol. Antioxidants, 2020, 9, 723.	2.2	23
31	Caffeic acid ethanolamide prevents cardiac dysfunction through sirtuin dependent cardiac bioenergetics preservation. Journal of Biomedical Science, 2015, 22, 80.	2.6	20
32	Targeted polyelectrolyte complex micelles treat vascular complications inÂvivo. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	20
33	Exercise training and PI3KÎ±-induced electrical remodeling is independent of cellular hypertrophy and Akt signaling. Journal of Molecular and Cellular Cardiology, 2012, 53, 532-541.	0.9	19
34	Pegylated Gold Nanoparticles Induce Apoptosis in Human Chronic Myeloid Leukemia Cells. BioMed Research International, 2014, 2014, 1-9.	0.9	19
35	Circulating long noncoding RNA DKFZP434I0714 predicts adverse cardiovascular outcomes in patients with end-stage renal disease. International Journal of Cardiology, 2019, 277, 212-219.	0.8	19
36	Plasma Î²-Amyloids and Tau Proteins in Patients with Vascular Cognitive Impairment. NeuroMolecular Medicine, 2018, 20, 498-503.	1.8	18

#	Article	IF	Citations
37	Expedition to the missing link: Long noncoding RNAs in cardiovascular diseases. Journal of Biomedical Science, 2020, 27, 48.	2.6	18
38	Modification of Caffeic Acid with Pyrrolidine Enhances Antioxidant Ability by Activating AKT/HO-1 Pathway in Heart. PLoS ONE, 2016, 11, e0148545.	1.1	18
39	Elevated Plasma Level of Soluble Form of RAGE in Ischemic Stroke Patients with Dementia. NeuroMolecular Medicine, 2017, 19, 579-583.	1.8	17
40	Mutual Interplay of Host Immune System and Gut Microbiota in the Immunopathology of Atherosclerosis. International Journal of Molecular Sciences, 2020, 21, 8729.	1.8	16
41	A Model of Cardiac Remodeling Through Constriction of the Abdominal Aorta in Rats. Journal of Visualized Experiments, 2016, , .	0.2	15
42	Targeting ER protein TXNDC5 in hepatic stellate cell mitigates liver fibrosis by repressing non-canonical TGFÎ² signalling. Gut, 2022, 71, 1876-1891.	6.1	13
43	Fibroblasts Drive Metabolic Reprogramming in Pacemaker Cardiomyocytes. Circulation Research, 2022, 131, 6-20.	2.0	13
44	Treatment of fibrate-induced rhabdomyolysis with plasma exchange in ESRD. American Journal of Kidney Diseases, 2005, 45, e57-e60.	2.1	12
45	Targeting mechanosensitive endothelial TXNDC5 to stabilize eNOS and reduce atherosclerosis in vivo. Science Advances, 2022, 8, eabl8096.	4.7	10
46	Periorbital Necrotizing Fasciitis and Orbital Apex Syndrome as a Delayed But Emergent Complication of Silicone Nasal Augmentation. Annals of Emergency Medicine, 2007, 49, 542-543.	0.3	8
47	Deficiency of nuclear receptor interaction protein leads to cardiomyopathy by disrupting sarcomere structure and mitochondrial respiration. Journal of Molecular and Cellular Cardiology, 2019, 137, 9-24.	0.9	8
48	Clinical manifestations and genetic characteristics in the Taiwan thoracic aortic aneurysm and dissection cohort - a prospective cohort study. Journal of the Formosan Medical Association, 2022, 121, 1093-1101.	0.8	5
49	The waist-to-body mass index ratio as an anthropometric predictor for cardiovascular outcome in subjects with established atherosclerotic cardiovascular disease. Scientific Reports, 2022, 12, 804.	1.6	4
50	Mechanotransduction in fibrosis: Mechanisms and treatment targets. Current Topics in Membranes, 2021, 87, 279-314.	0.5	2
51	Corrections to the LDLR Gene Polymorphisms Identified in a Taiwanese Population. Journal of the Formosan Medical Association, 2008, 107, 193.	0.8	0
52	FP068ENDOPLASMIC RETICULUM PROTEIN TXNDC5 CONTRIBUTES TO RENAL FIBROGENESIS IN CHRONIC KIDNEY DISEASES. Nephrology Dialysis Transplantation, 2018, 33, i71-i71.	0.4	0
53	FP212TXNDC5 IS REQUIRED FOR ISCHEMIA/REPERFUSION INJURY INDUCED AKI TO CKD TRANSITION AND RENAL FIBROSIS. Nephrology Dialysis Transplantation, 2018, 33, i102-i102.	0.4	0