Bing Hui Wang

List of Publications by Year
in descending order

90 papers	3,400 citations	126907 33 h-index	149698 56 g-index
91 all docs	91 docs citations	91 times ranked	4924 citing authors

#	Article	IF	Citations
1	Characterization of Cardiac Sympathetic Nervous System and Inflammatory Activation in HFpEF Patients. JACC Basic To Translational Science, 2022, 7, 116-127.	4.1	20
2	Physiologic Insights Into Long COVID Breathlessness. Circulation: Heart Failure, 2022, 15, 101161CIRCHEARTFAILURE121009346.	3.9	0
3	DeepSCP: utilizing deep learning to boost single-cell proteome coverage. Briefings in Bioinformatics, 2022, 23, .	6.5	5
4	Cost-effectiveness of dapagliflozin in chronic heart failure: an analysis from the Australian healthcare perspective. European Journal of Preventive Cardiology, 2021, 28, 975-982.	1.8	35
5	RE: Inhibition of apoptosis signal-regulating kinase 1 might be a novel therapeutic target in the treatment of cardiorenal syndrome. International Journal of Cardiology, 2021, 323, 260.	1.7	0
6	Sirtuin 2 expression levels may predict the progression of sepsis survivors to chronic critical illness. Annals of Translational Medicine, 2021, 9, 150-150.	1.7	0
7	The Preventable Productivity Burden of Kidney Disease in Australia. Journal of the American Society of Nephrology: JASN, 2021, 32, 938-949.	6.1	6
8	RE: Blockade of apoptosis signal-regulating kinase 1 ameliorates cardiac dysfunction in cardiorenal syndrome via enhancing angiogenesis. International Journal of Cardiology, 2021, 326, 156.	1.7	0
9	Functional Correlates and Impact of Dietary Lactoferrin Intervention and its Concentrationâ€dependence on Neurodevelopment and Cognition in Neonatal Piglets. Molecular Nutrition and Food Research, 2021, 65, e2001099.	3.3	10
10	Apoptosis signal-regulating kinase 1 inhibition reverses deleterious indoxyl sulfate-mediated endothelial effects. Life Sciences, 2021, 272, 119267.	4.3	7
11	Attenuating PI3K/Akt- mTOR pathway reduces dihydrosphingosine 1 phosphate mediated collagen synthesis and hypertrophy in primary cardiac cells. International Journal of Biochemistry and Cell Biology, 2021, 134, 105952.	2.8	18
12	Dihydrosphingosine driven enrichment of sphingolipids attenuates TGFÎ² induced collagen synthesis in cardiac fibroblasts. IJC Heart and Vasculature, 2021, 35, 100837.	1.1	3
13	The effect of dihydroceramide desaturase 1 inhibition on endothelial impairment induced by indoxyl sulfate. Vascular Pharmacology, 2021, 141, 106923.	2.1	4
14	Sphingolipid imbalance and inflammatory effects induced by uremic toxins in heart and kidney cells are reversed by dihydroceramide desaturase 1 inhibition. Toxicology Letters, 2021, 350, 133-142.	0.8	7
15	The impact of coronary heart disease prevention on work productivity: a 10-year analysis. European Journal of Preventive Cardiology, 2021, 28, 418-425.	1.8	11
16	Effect of Intra-articular Platelet-Rich Plasma vs Placebo Injection on Pain and Medial Tibial Cartilage Volume in Patients With Knee Osteoarthritis. JAMA - Journal of the American Medical Association, 2021, 326, 2021.	7.4	158
17	Neurodevelopmental outcomes of healthy Chinese term infants fed infant formula enriched in bovine milk fat globule membrane for 12 months - A randomized controlled trial. Asia Pacific Journal of Clinical Nutrition, 2021, 30, 401-414.	0.4	6
18	Cost-Effectiveness of Switching Patients With Heart Failure and Reduced Ejection Fraction to Sacubitril/Valsartan: The Australian Perspective. Heart Lung and Circulation, 2020, 29, 1310-1317.	0.4	9

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19	RE: ASK1, a new target in treating cardiorenal syndrome (CRS). International Journal of Cardiology, 2020, 316, 207.	1.7	0
20	Human Cytomegalovirus-Encoded microRNAs Can Be Found in Saliva Samples from Renal Transplant Recipients. Non-coding RNA, 2020, 6, 50.	2.6	6
21	Measurement of Functional Capacity to Discriminate Clinical from Subclinical Heart Failure in Patients â‰¥65 Years of Age. American Journal of Cardiology, 2020, 127, 84-91.	1.6	3
22	Exogenous dihydrosphingosine 1 phosphate mediates collagen synthesis in cardiac fibroblasts through JAK/STAT signalling and regulation of TIMP1. Cellular Signalling, 2020, 72, 109629.	3.6	15
23	Cardiorenal syndrome: Multiâ€organ dysfunction involving the heart, kidney and vasculature. British Journal of Pharmacology, 2020, 177, 2906-2922.	5.4	46
24	Inhibition of apoptosis signal-regulating kinase 1 ameliorates left ventricular dysfunction by reducing hypertrophy and fibrosis in a rat model of cardiorenal syndrome. International Journal of Cardiology, 2020, 310, 128-136.	1.7	10
25	Potential Mechanisms Underlying Therapeutic Benefits of Stem Cell for Heart Failure. Nano LIFE, 2019, 09, 1941004.	0.9	0
26	Molecular mechanisms of protein-bound uremic toxin-mediated cardiac, renal and vascular effects: underpinning intracellular targets for cardiorenal syndrome therapy. Toxicology Letters, 2019, 308, 34-49.	0.8	12
27	Potential mechanisms underlying the cardiovascular benefits of sodium glucose cotransporter 2 inhibitors: a systematic review of data from preclinical studies. Cardiovascular Research, 2019, 115, 266-276.	3.8	38
28	Prediction of incident heart failure by serum aminoâ€terminal proâ€Bâ€type natriuretic peptide level in a communityâ€based cohort. European Journal of Heart Failure, 2019, 21, 449-459.	7.1	21
29	The role of dihydrosphingolipids in disease. Cellular and Molecular Life Sciences, 2019, 76, 1107-1134.	5.4	31
30	Inhibition of Apoptosis Signal-Regulating Kinase 1 Attenuates Myocyte Hypertrophy and Fibroblast Collagen Synthesis. Heart Lung and Circulation, 2019, 28, 495-504.	0.4	9
31	Angiotensin receptor neprilysin inhibition provides superior cardioprotection compared to angiotensin converting enzyme inhibition after experimental myocardial infarction. International Journal of Cardiology, 2018, 258, 192-198.	1.7	48
32	Chronic kidney disease with comorbid cardiac dysfunction exacerbates cardiac and renal damage. Journal of Cellular and Molecular Medicine, 2018, 22, 628-645.	3.6	6
33	Vitamin D supplementation and inflammatory and metabolic biomarkers in patients with knee osteoarthritis: post hoc analysis of a randomised controlled trial. British Journal of Nutrition, 2018, 120, 41-48.	2.3	22
34	Efficacy of intra-articular injections of platelet-rich plasma as a symptom- and disease-modifying treatment for knee osteoarthritis - the RESTORE trial protocol. BMC Musculoskeletal Disorders, 2018, 19, 272.	1.9	31
35	The Challenges of Stem Cell Therapy in Myocardial Infarction and Heart Failure and the Potential Strategies to Improve the Outcomes. Nano LIFE, 2018, 08, 1841008.	0.9	3
36	Association of expression of ZNF606 gene from monocytes with the risk of coronary artery disease. Clinical Biochemistry, 2018, 60, 44-51.	1.9	8

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37	Increased Cardiomyocyte Alignment and Intracellular Calcium Transients Using Micropatterned and Drug-Releasing Poly(Glycerol Sebacate) Elastomers. ACS Biomaterials Science and Engineering, 2018, 4, 2494-2504.	5.2	21
38	Adenosine G Proteinâ€Coupled Receptor Biased Agonism to Treat Ischemic Heart Disease. FASEB Journal, 2018, 32, 555.19.	0.5	0
39	Vasculopathy in the setting of cardiorenal syndrome: roles of protein-bound uremic toxins. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H1-H13.	3.2	36
40	Angiotensin receptor neprilysin inhibitor LCZ696: pharmacology, pharmacokinetics and clinical development. Future Cardiology, 2017, 13, 103-115.	1.2	1
41	Cardiac fibrosis in the ageing heart: Contributors and mechanisms. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 55-63.	1.9	60
42	Diabetic Ketoacidosis at Diagnosis of Type 1 Diabetes Predicts Poor Long-term Glycemic Control. Diabetes Care, 2017, 40, 1249-1255.	8.6	124
43	Developmental changes in the level of free and conjugated sialic acids, Neu5Ac, Neu5Gc and KDN in different organs of pig: a LC-MS/MS quantitative analyses. Glycoconjugate Journal, 2017, 34, 21-30.	2.7	27
44	Vitamin Câ€“enriched gelatin supplementation before intermittent activity augments collagen synthesis. American Journal of Clinical Nutrition, 2017, 105, 136-143.	4.7	124
45	Apoptosis signal-regulating kinase 1 inhibition attenuates cardiac hypertrophy and cardiorenal fibrosis induced by uremic toxins: Implications for cardiorenal syndrome. PLoS ONE, 2017, 12, e0187459.	2.5	26
46	Adolescent confidence in immunisation: Assessing and comparing attitudes of adolescents and adults. Vaccine, 2016, 34, 5595-5603.	3.8	11
47	<scp>VCP</scp>746, a novel A₁ adenosine receptor biased agonist, reduces hypertrophy in a rat neonatal cardiac myocyte model. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 976-982.	1.9	20
48	The hybrid molecule, VCP746, is a potent adenosine A2B receptor agonist that stimulates anti-fibrotic signalling. Biochemical Pharmacology, 2016, 117, 46-56.	4.4	30
49	Suitable hepatitis B vaccine for adult immunization in China. Immunologic Research, 2016, 64, 242-250.	2.9	5
50	Molecular Determinants of Milk Lactoferrin as a Bioactive Compound in Early Neurodevelopment and Cognition. Journal of Pediatrics, 2016, 173, S29-S36.	1.8	34
51	Cardiorenal fibrosis and dysfunction in aging: Imbalance in mediators and regulators of collagen. Peptides, 2016, 76, 108-114.	2.4	34
52	Molecular characterization and expression analyses of ST8Sia II and IV in piglets during postnatal development: lack of correlation between transcription and posttranslational levels. Glycoconjugate Journal, 2015, 32, 715-728.	2.7	7
53	The Effects of a Calcium-Rich Pre-Exercise Meal on Biomarkers of Calcium Homeostasis in Competitive Female Cyclists: A Randomised Crossover Trial. PLoS ONE, 2015, 10, e0123302.	2.5	51
54	Design, Synthesis, and Biological Evaluation of Tetraâ€Substituted Thiophenes as Inhibitors of p38Î± MAPK. ChemistryOpen, 2015, 4, 56-64.	1.9	12

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55	Contribution of microRNA to pathological fibrosis in cardio-renal syndrome: impact of uremic toxins. Physiological Reports, 2015, 3, e12371.	1.7	27
56	Combined angiotensin receptor blockade and neprilysin inhibition attenuates angiotensin-II mediated renal cellular collagen synthesis. International Journal of Cardiology, 2015, 186, 104-105.	1.7	29
57	Angiotensin Receptor Neprilysin Inhibitor LCZ696 Attenuates Cardiac Remodeling and Dysfunction After Myocardial Infarction by Reducing Cardiac Fibrosis and Hypertrophy. Circulation: Heart Failure, 2015, 8, 71-78.	3.9	238
58	TRAF2 regulates TNF and NF-Î²B signalling to suppress apoptosis and skin inflammation independently of Sphingosine kinase 1. ELife, 2015, 4, .	6.0	75
59	LCâ€“MS/MS quantification of N-acetylneuraminic acid, N-glycolylneuraminic acid and ketodeoxynonulosonic acid levels in the urine and potential relationship with dietary sialic acid intake and disease in 3- to 5-year-old children. British Journal of Nutrition, 2014, 111, 332-341.	2.3	53
60	Lactoferrin up-regulates intestinal gene expression of brain-derived neurotrophic factors BDNF, UCHL1 and alkaline phosphatase activity to alleviate early weaning diarrhea in postnatal piglets. Journal of Nutritional Biochemistry, 2014, 25, 834-842.	4.2	42
61	Indoxyl sulfate stimulates oxidized LDL uptake through up-regulation of CD36 expression in THP-1 macrophages. Journal of Applied Biomedicine, 2014, 12, 203-209.	1.7	1
62	Development of new population-averaged standard templates for spatial normalization and segmentation of MR images for postnatal piglet brains. Magnetic Resonance Imaging, 2014, 32, 1396-1402.	1.8	9
63	Association between urinary C-telopeptide fragments of type II collagen and knee structure in middle-aged women without clinical knee disease. Osteoarthritis and Cartilage, 2014, 22, 1136-1141.	1.3	7
64	Milk lactoferrin supplementation enhances early brain development and cognition in postnatal piglets (1045.27). FASEB Journal, 2014, 28, 1045.27.	0.5	0
65	Soluble epoxide hydrolase inhibition exerts beneficial anti-remodeling actions post-myocardial infarction. International Journal of Cardiology, 2013, 167, 210-219.	1.7	40
66	Subtotal nephrectomy accelerates pathological cardiac remodeling post-myocardial infarction: Implications for cardiorenal syndrome. International Journal of Cardiology, 2013, 168, 1866-1880.	1.7	37
67	Early and Delayed Tranilast Treatment Reduces Pathological Fibrosis Following Myocardial Infarction. Heart Lung and Circulation, 2013, 22, 122-132.	0.4	28
68	Reninâ€“Angiotensin Blockade Combined With Natriuretic Peptide System Augmentation. Circulation: Heart Failure, 2013, 6, 594-605.	3.9	117
69	The Uremic Toxin Adsorbent AST-120 Abrogates Cardiorenal Injury Following Myocardial Infarction. PLoS ONE, 2013, 8, e83687.	2.5	30
70	Cardiorenal Syndrome. Circulation Research, 2012, 111, 1470-1483.	4.5	150
71	Myocardial infarction impairs renal function, induces renal interstitial fibrosis, and increases renal KIM-1 expression: implications for cardiorenal syndrome. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1884-H1893.	3.2	71
72	Evaluation of the Effects of Urotensin II and Soluble Epoxide Hydrolase Inhibitor on Skin Microvessel Tone in Healthy Controls and Heart Failure Patients. Cardiovascular Therapeutics, 2012, 30, 295-300.	2.5	18

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73	Antagonists of organic anion transporters 1 and 3 ameliorate adverse cardiac remodelling induced by uremic toxin indoxyl sulfate. International Journal of Cardiology, 2012, 158, 457-458.	1.7	41
74	Cardiorenal syndrome: Pathophysiology, preclinical models, management and potential role of uraemic toxins. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 692-700.	1.9	18
75	Chronic Kidney Disease-Induced Cardiac Fibrosis Is Ameliorated by Reducing Circulating Levels of a Non-Dialysable Uremic Toxin, Indoxyl Sulfate. PLoS ONE, 2012, 7, e41281.	2.5	138
76	Scutellarin alleviates interstitial fibrosis and cardiac dysfunction of infarct rats by inhibiting TGFÎ²1 expression and activation of p38â€MAPK and ERK1/2. British Journal of Pharmacology, 2011, 162, 688-700.	5.4	95
77	Disruption of PCP signaling causes limb morphogenesis and skeletal defects and may underlie Robinow syndrome and brachydactyly type B. Human Molecular Genetics, 2011, 20, 271-285.	2.9	97
78	Celecoxib, but not rofecoxib or naproxen, attenuates cardiac hypertrophy and fibrosis induced in vitro by angiotensin and aldosterone. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 912-918.	1.9	18
79	Does indoxyl sulfate, a uraemic toxin, have direct effects on cardiac fibroblasts and myocytes?. European Heart Journal, 2010, 31, 1771-1779.	2.2	256
80	Chronic urotensin II receptor antagonist treatment does not alter hypertrophy or fibrosis in a rat model of pressure-overload hypertrophy. Peptides, 2010, 31, 1523-1530.	2.4	16
81	Effects of a Rho kinase inhibitor on pressure overload induced cardiac hypertrophy and associated diastolic dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1804-H1814.	3.2	98
82	Inositol Polyphosphate 1-Phosphatase Is a Novel Antihypertrophic Factor. Journal of Biological Chemistry, 2002, 277, 22734-22742.	3.4	33
83	Inhibition of Eukaryote Serine/Threonine-Specific Protein Kinases by Piceatannol. Planta Medica, 1998, 64, 195-199.	1.3	47
84	Reduced Reperfusionâ€“Induced Ins(1,4,5)P3Generation and Arrhythmias in Hearts Expressing Constitutively Active Î±1B-Adrenergic Receptors. Circulation Research, 1998, 83, 1232-1240.	4.5	49
85	Inhibition of Eukaryote Protein Kinases by Isoquinoline and Oxazine Alkaloids. Planta Medica, 1997, 63, 494-498.	1.3	56
86	Specific inhibition of cyclic amp-dependent protein kinase by warangalone and robustic acid. Phytochemistry, 1997, 44, 787-796.	2.9	46
87	Selective inhibition of cyclic AMP-dependent protein kinase by amphiphilic triterpenoids and related compounds. Phytochemistry, 1996, 41, 55-63.	2.9	61
88	Differential inhibition of eukaryote protein kinases by condensed tannins. Phytochemistry, 1996, 43, 359-365.	2.9	38
89	The Fungal Teratogen Secalonic Acid D is an Inhibitor of Protein Kinase C and of Cyclic AMP-Dependent Protein Kinase. Planta Medica, 1996, 62, 111-114.	1.3	26
90	Inhibition of signal-regulated protein kinases by plant-derived hydrolysable tannins. Phytochemistry, 1995, 38, 307-314.	2.9	62