

# Wei Yang

## List of Publications by Year in descending order

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25  
papers

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citations

567281

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27  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen gas inhalation alleviates myocardial ischemia-reperfusion injury by the inhibition of oxidative stress and NLRP3-mediated pyroptosis in rats. <i>Life Sciences</i> , 2021, 272, 119248.	4.3	60
2	SIRT1-autophagy axis inhibits excess iron-induced ferroptosis of foam cells and subsequently increases IL-1 $\beta$ and IL-18. <i>Biochemical and Biophysical Research Communications</i> , 2021, 561, 33-39.	2.1	54
3	Hydrogen Gas Attenuates Myocardial Ischemia Reperfusion Injury Independent of Postconditioning in Rats by Attenuating Endoplasmic Reticulum Stress-Induced Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 1503-1514.	1.6	46
4	Spinal IL-33/ST2 signaling mediates chronic itch in mice through the astrocytic JAK2-STAT3 cascade. <i>Glia</i> , 2019, 67, 1680-1693.	4.9	43
5	Hydrogen-Rich Saline Attenuates Cardiac and Hepatic Injury in Doxorubicin Rat Model by Inhibiting Inflammation and Apoptosis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	3.0	37
6	A modified murine model of systemic sclerosis: bleomycin given by pump infusion induced skin and pulmonary inflammation and fibrosis. <i>Laboratory Investigation</i> , 2015, 95, 342-350.	3.7	32
7	Arsenic trioxide eluting stent reduces neointima formation in a rabbit iliac artery injury model. <i>Cardiovascular Research</i> , 2006, 72, 483-493.	3.8	27
8	BLT1 Mediates Bleomycin-Induced Lung Fibrosis Independently of Neutrophils and CD4 <sup>+</sup> T Cells. <i>Journal of Immunology</i> , 2017, 198, 1673-1684.	0.8	27
9	Chemokine receptor CXCR4 regulates CaMKII/CREB pathway in spinal neurons that underlies cancer-induced bone pain. <i>Scientific Reports</i> , 2017, 7, 4005.	3.3	26
10	Leukotriene B <sub>4</sub> receptor axis promotes oxazolone-induced contact dermatitis by directing skin homing of neutrophils and CD8 <sup>+</sup> T cells. <i>Immunology</i> , 2015, 146, 50-58.	4.4	24
11	Polycarbonate urethane films modified by heparin to enhance hemocompatibility and endothelialization. <i>Polymer International</i> , 2012, 61, 1433-1438.	3.1	21
12	Co-administration of hydrogen and metformin exerts cardioprotective effects by inhibiting pyroptosis and fibrosis in diabetic cardiomyopathy. <i>Free Radical Biology and Medicine</i> , 2022, 183, 35-50.	2.9	21
13	Minimum apparent diffusion coefficient for predicting lymphovascular invasion in invasive cervical cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1771-1779.	3.4	20
14	Spinal Serotonin 1A Receptor Contributes to the Analgesia of Acupoint Catgut Embedding by Inhibiting Phosphorylation of the N-Methyl-D-Aspartate Receptor GluN1 Subunit in Complete Freund's Adjuvant-Induced Inflammatory Pain in Rats. <i>Journal of Pain</i> , 2019, 20, 16.e1-16.e16.	1.4	19
15	Inhalation of Hydrogen Attenuates Progression of Chronic Heart Failure via Suppression of Oxidative Stress and P53 Related to Apoptosis Pathway in Rats. <i>Frontiers in Physiology</i> , 2018, 9, 1026.	2.8	18
16	Calcium Channel $\alpha_1$ Subunit Mediates Secondary Orofacial Hyperalgesia Through PKC-TRPA1/Gap Junction Signaling. <i>Journal of Pain</i> , 2020, 21, 238-257.	1.4	18
17	Glial IL-33 signaling through an ST2-to-CXCL12 pathway in the spinal cord contributes to morphine-induced hyperalgesia and tolerance. <i>Science Signaling</i> , 2021, 14, eabe3773.	3.6	13
18	Inverse Correlation Between Circulating Endothelial Progenitor Cells With CD34 <sup>+</sup> CD133 <sup>+</sup> and the Severity of Coronary Atherosclerosis Assessed by Syntax Score. <i>American Journal of the Medical Sciences</i> , 2014, 347, 457-462.	1.1	12

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19	Hydrogen gas inhalation ameliorates cardiac remodelling and fibrosis by regulating NLRP3 inflammasome in myocardial infarction rats. Journal of Cellular and Molecular Medicine, 2021, 25, 8997-9010.	3.6	12
20	MicroRNA-181b Serves as a Circulating Biomarker and Regulates Inflammation in Heart Failure. Disease Markers, 2021, 2021, 1-12.	1.3	11
21	Anti-Inflammatory Effects of Arsenic Trioxide Eluting Stents in a Porcine Coronary Model. BioMed Research International, 2013, 2013, 1-9.	1.9	10
22	Research Progress of Ferroptosis in Adiposity-Based Chronic Disease (ABCD). Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-11.	4.0	8
23	Nine-month Angiographic and Two-year Clinical Follow-up of Novel Biodegradable-polymer Arsenic Trioxide-eluting Stent Versus Durable-polymer Sirolimus-eluting Stent For Coronary Artery Disease. Chinese Medical Journal, 2015, 128, 768-773.	2.3	7
24	Hydrogen Attenuates Myocardial Injury in Rats by Regulating Oxidative Stress and NLRP3 Inflammasome Mediated Pyroptosis. International Journal of Medical Sciences, 2021, 18, 3318-3325.	2.5	3
25	Hydrogen Attenuates Thyroid Hormone-Induced Cardiac Hypertrophy in Rats by regulating angiotensin II type 1 receptor and NADPH oxidase 2 mediated oxidative stress. European Journal of Pharmacology, 2022, 922, 174917.	3.5	2