

# Weining Niu

## List of Publications by Year in descending order

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11  
papers

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#	ARTICLE	IF	CITATIONS
1	H <sub>2</sub> O <sub>2</sub> -Mediated Oxidative Stress Enhances Cystathionine Î <sup>3</sup> -Lyase-Derived H <sub>2</sub> S Synthesis via a Sulfenic Acid Intermediate. <i>Antioxidants</i> , 2021, 10, 1488.	5.1	8
2	Stachyose Prevents Intestinal Mucosal Injury in the Immunosuppressed Mice. <i>Starch/Staerke</i> , 2020, 72, 1900073.	2.1	4
3	Hydrogen Sulfide From Cysteine Desulfurase, Not 3-Mercaptopyruvate Sulfurtransferase, Contributes to Sustaining Cell Growth and Bioenergetics in <i>E. coli</i> Under Anaerobic Conditions. <i>Frontiers in Microbiology</i> , 2019, 10, 2357.	3.5	23
4	Allosteric control of human cystathionine Î <sup>2</sup> -synthase activity by a redox active disulfide bond. <i>Journal of Biological Chemistry</i> , 2018, 293, 2523-2533.	3.4	41
5	Antitumor effect of sikokianin C, a selective cystathionine Î <sup>2</sup> -synthase inhibitor, against human colon cancer <i>in vitro</i> and <i>in vivo</i> . <i>MedChemComm</i> , 2018, 9, 113-120.	3.4	14
6	Discovery of selective cystathionine Î <sup>2</sup> -synthase inhibitors by high-throughput screening with a fluorescent thiol probe. <i>MedChemComm</i> , 2017, 8, 198-201.	3.4	20
7	Design, Recombinant Fusion Expression and Biological Evaluation of Vasoactive Intestinal Peptide Analogue as Novel Antimicrobial Agent. <i>Molecules</i> , 2017, 22, 1963.	3.8	9
8	Immunomodulatory and Antioxidant Effects of Polysaccharides from <i>Gynostemma pentaphyllum</i> Makino in Immunosuppressed Mice. <i>Molecules</i> , 2016, 21, 1085.	3.8	40
9	Resveratrol ameliorates chronic high altitude exposure-induced oxidative stress and suppresses lipid metabolism alteration in rats. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 612-621.	1.5	3
10	Modulatory Effects of Vasoactive Intestinal Peptide on Intestinal Mucosal Immunity and Microbial Community of Weaned Piglets Challenged by an Enterotoxigenic <i>Escherichia coli</i> (K88). <i>PLoS ONE</i> , 2014, 9, e104183.	2.5	36
11	Effect of Vitamin E Supplementation on Intestinal Barrier Function in Rats Exposed to High Altitude Hypoxia Environment. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 313.	1.2	30