

# Zhizeng Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9502242/publications.pdf>

Version: 2024-02-01

15  
papers

520  
citations

840119

11  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyphenosides improve diabetic cardiomyopathy by inhibiting ROS-mediated NLRP3 inflammasome activation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4437-4448.	1.6	96
2	A point-of-care selenium nanoparticle-based test for the combined detection of anti-SARS-CoV-2 IgM and IgG in human serum and blood. <i>Lab on A Chip</i> , 2020, 20, 4255-4261.	3.1	84
3	Highly effective stabilization of Cd and Cu in two different soils and improvement of soil properties by multiple-modified biochar. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111294.	2.9	81
4	Lateral flow test strip based on colloidal selenium immunoassay for rapid detection of melamine in milk, milk powder, and animal feed. <i>International Journal of Nanomedicine</i> , 2014, 9, 1699.	3.3	59
5	Preparation and application of selenium nanoparticles in a lateral flow immunoassay for clenbuterol detection. <i>Materials Letters</i> , 2019, 234, 212-215.	1.3	40
6	Rapid Detection of Anti-SARS-CoV-2 Antibody Using a Selenium Nanoparticle-Based Lateral Flow Immunoassay. <i>IEEE Transactions on Nanobioscience</i> , 2022, 21, 37-43.	2.2	37
7	1,25(OH) <sub>2</sub> D <sub>3</sub> alleviates DSS-induced ulcerative colitis via inhibiting NLRP3 inflammasome activation. <i>Journal of Leukocyte Biology</i> , 2020, 108, 283-295.	1.5	28
8	Blocking the death checkpoint protein TRAIL improves cardiac function after myocardial infarction in monkeys, pigs, and rats. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	22
9	Rapid Detection of Ractopamine and Salbutamol in Swine Urine by Immunochromatography Based on Selenium Nanoparticles. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2059-2070.	3.3	19
10	Inclusion of membrane-anchored LTB or flagellin protein in H5N1 virus-like particles enhances protective responses following intramuscular and oral immunization of mice. <i>Vaccine</i> , 2018, 36, 5990-5998.	1.7	15
11	TRAIL facilitates cytokine expression and macrophage migration during hypoxia/reoxygenation via ER stress-dependent NF- $\kappa$ B pathway. <i>Molecular Immunology</i> , 2017, 82, 123-136.	1.0	12
12	Gut microbiota aggravate cardiac ischemia-reperfusion injury via regulating the formation of neutrophils extracellular traps. <i>Life Sciences</i> , 2022, 303, 120670.	2.0	8
13	Substrate-directed divergent synthesis of fused indole polycycles through Rh(II)-catalyzed cascade reactions of bis(diazo)indolin-2-ones. <i>Chemical Communications</i> , 2022, 58, 8576-8579.	2.2	7
14	Synthesis of Selenium Nanoparticles Suitable for Melamine Detection Using Test Strips. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 617-622.	0.4	6
15	Development of a Point-of-Care Test Based on Selenium Nanoparticles for Heart-Type Fatty Acid-Binding Proteins in Human Plasma and Blood. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1273-1284.	3.3	5