

# 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

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Detection of Anti-SARS-CoV-2 Antibody Using a Selenium Nanoparticle-Based Lateral Flow Immunoassay. IEEE Transactions on Nanobioscience, 2022, 21, 37-43.	3.3	37
2	Development of a Point-of-Care Test Based on Selenium Nanoparticles for Heart-Type Fatty Acid-Binding Proteins in Human Plasma and Blood. International Journal of Nanomedicine, 2022, Volume 17, 1273-1284.	6.7	5
3	Gut microbiota aggravate cardiac ischemia-reperfusion injury via regulating the formation of neutrophils extracellular traps. Life Sciences, 2022, 303, 120670.	4.3	8
4	Substrate-directed divergent synthesis of fused indole polycycles through Rh(<sc>i</i>)-catalyzed cascade reactions of bis(diazo)indolin-2-ones. Chemical Communications, 2022, 58, 8576-8579.	4.1	7
5	Highly effective stabilization of Cd and Cu in two different soils and improvement of soil properties by multiple-modified biochar. Ecotoxicology and Environmental Safety, 2021, 207, 111294.	6.0	81
6	Rapid Detection of Ractopamine and Salbutamol in Swine Urine by Immunochromatography Based on Selenium Nanoparticles. International Journal of Nanomedicine, 2021, Volume 16, 2059-2070.	6.7	19
7	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. Lab on A Chip, 2020, 20, 4255-4261.	6.0	84
8	1,25(OH)2D3 alleviates DSS-induced ulcerative colitis via inhibiting NLRP3 inflammasome activation. Journal of Leukocyte Biology, 2020, 108, 283-295.	3.3	28
9	Blocking the death checkpoint protein TRAIL improves cardiac function after myocardial infarction in monkeys, pigs, and rats. Science Translational Medicine, 2020, 12, .	12.4	22
10	Preparation and application of selenium nanoparticles in a lateral flow immunoassay for clenbuterol detection. Materials Letters, 2019, 234, 212-215.	2.6	40
11	Inclusion of membrane-anchored LTB or flagellin protein in H5N1 virus-like particles enhances protective responses following intramuscular and oral immunization of mice. Vaccine, 2018, 36, 5990-5998.	3.8	15
12	Gypenosides improve diabetic cardiomyopathy by inhibiting <sc>ROS</sc>-mediated <sc>NLRP</sc>3 inflammasome activation. Journal of Cellular and Molecular Medicine, 2018, 22, 4437-4448.	3.6	96
13	TRAIL facilitates cytokine expression and macrophage migration during hypoxia/reoxygenation via ER stress-dependent NF- $\kappa$ B pathway. Molecular Immunology, 2017, 82, 123-136.	2.2	12
14	Synthesis of Selenium Nanoparticles Suitable for Melamine Detection Using Test Strips. Nanoscience and Nanotechnology Letters, 2015, 7, 617-622.	0.4	6
15	Lateral flow test strip based on colloidal selenium immunoassay for rapid detection of melamine in milk, milk powder, and animal feed. International Journal of Nanomedicine, 2014, 9, 1699.	6.7	59