

# Suqing Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6443296/publications.pdf>

Version: 2024-02-01

64  
papers

968  
citations

430754

18  
h-index

552653

26  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bifunctional Hybrid Enzyme-Catalytic Metal Organic Framework Reactors for $\alpha$ -Glucosidase Inhibitor Screening. ACS Applied Materials & Interfaces, 2019, 11, 32769-32777.	4.0	61
2	Preparation and characterization of egg yolk immunoglobulin Y specific to influenza B virus. Antiviral Research, 2012, 93, 154-159.	1.9	58
3	<i>Lactobacillus reuteri</i> improves gut barrier function and affects diurnal variation of the gut microbiota in mice fed a high-fat diet. Food and Function, 2019, 10, 4705-4715.	2.1	43
4	Synthesis, anti-microbial and anti-inflammatory activities of 18 $\beta$ -glycyrrhetic acid derivatives. Bioorganic Chemistry, 2020, 101, 103985.	2.0	36
5	Prophylaxis and therapy of pandemic H1N1 virus infection using egg yolk antibody. Journal of Virological Methods, 2014, 206, 19-26.	1.0	35
6	Au-Au/IrO <sub>2</sub> @Cu(PABA) Reactor with Tandem Enzyme-Mimicking Catalytic Activity for Organic Dye Degradation and Antibacterial Application. ACS Applied Materials & Interfaces, 2021, 13, 21680-21692.	4.0	33
7	Development of a surface plasmon resonance immunosensor and ELISA for 3-nitrotyrosine in human urine. Talanta, 2019, 195, 655-661.	2.9	32
8	Development of an Indirect Competitive Enzyme-Linked Immunosorbent Assay for Glycocholic Acid Based on Chicken Single-Chain Variable Fragment Antibodies. Analytical Chemistry, 2017, 89, 11091-11097.	3.2	31
9	Development of a Highly Specific Fluorescence Immunoassay for Detection of Diisobutyl Phthalate in Edible Oil Samples. Journal of Agricultural and Food Chemistry, 2015, 63, 9372-9378.	2.4	30
10	A fluorescence polarization immunoassay method for detection of the bisphenol A residue in environmental water samples based on a monoclonal antibody and 4 $\beta$ -(aminomethyl)fluorescein. Analytical Methods, 2015, 7, 4246-4251.	1.3	29
11	Synthesis and characterization of new Cd-doped ZnO/ZnS core-shell quantum dots with tunable and highly visible photoluminescence. Journal of Materials Chemistry C, 2015, 3, 3391-3398.	2.7	29
12	Analysis of cholyglycine acid as a biomarker for the early diagnosis of liver disease by fluorescence polarization immunoassay. Sensors and Actuators B: Chemical, 2018, 256, 846-852.	4.0	28
13	Multifunctional Au@Pt@Ag NPs with color-photothermal-Raman properties for multimodal lateral flow immunoassay. Journal of Hazardous Materials, 2022, 435, 129082.	6.5	26
14	Photodegradation kinetics, mechanism and aquatic toxicity of deltamethrin, permethrin and dihaloacetylated heterocyclic pyrethroids. Science of the Total Environment, 2020, 749, 142106.	3.9	25
15	Fluorescence polarization immunoassay based on a new monoclonal antibody for the detection of the Diisobutyl phthalate in Yoghurt. Food Control, 2019, 105, 38-44.	2.8	23
16	Ultrasensitive detection of <i>H. pylori</i> in human feces based on immunomagnetic bead capture and fluorescent quantum dots. Analyst, The, 2019, 144, 4086-4092.	1.7	23
17	Radiosynthesis and biological evaluation of 18F-labeled 4-anilinoquinazoline derivative (18F-FEA-Erlotinib) as a potential EGFR PET agent. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1143-1148.	1.0	22
18	An indirect competitive enzyme-linked immunosorbent assay for bisphenol-A based on the synthesis of a poly-L-lysine-hapten conjugate as a coating antigen. Analytical Methods, 2013, 5, 1570.	1.3	20

#	ARTICLE	IF	CITATIONS
19	Two new steroidal saponins from <i>Selaginella uncinata</i> (Desv.) Spring and their protective effect against anoxia. <i>FÄ-toterapÄ-Äç</i> , 2013, 88, 25-30.	1.1	19
20	Platinum nanoflowers with peroxidase-like property in a dual immunoassay for dehydroepiandrosterone. <i>Mikrochimica Acta</i> , 2020, 187, 592.	2.5	19
21	Effects of Ursolic Acid Derivatives on Caco-2 Cells and Their Alleviating Role in Streptozocin-Induced Type 2 Diabetic Rats. <i>Molecules</i> , 2014, 19, 12559-12576.	1.7	16
22	Prussian blue nanoparticles with peroxidase-mimicking properties in a dual immunoassays for glycocholic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113317.	1.4	16
23	Synthesis and Evaluation of Novel Triterpene Analogues of Ursolic Acid as Potential Antidiabetic Agent. <i>PLoS ONE</i> , 2015, 10, e0138767.	1.1	15
24	Synthesis, insecticidal activities and resistance in <i>Aedes albopictus</i> and cytotoxicity of novel dihaloacetylated heterocyclic pyrethroids. <i>Pest Management Science</i> , 2020, 76, 636-644.	1.7	15
25	Versatile Au@Ru nanocomposites for the rapid detection of <i>Salmonella typhimurium</i> and photothermal sterilization. <i>Journal of Colloid and Interface Science</i> , 2022, 621, 489-498.	5.0	15
26	Cysteamine-Assisted Highly Sensitive Detection of Bisphenol A in Water Samples by Surface-Enhanced Raman Spectroscopy with Ag Nanoparticle-Modified Filter Paper as Substrate. <i>Food Analytical Methods</i> , 2017, 10, 1940-1947.	1.3	14
27	Biotinylated single-chain variable fragment-based enzyme-linked immunosorbent assay for glycocholic acid. <i>Analyst, The</i> , 2018, 143, 2057-2065.	1.7	14
28	A hydrophilic conjugate approach toward the design and synthesis of ursolic acid derivatives as potential antidiabetic agent. <i>RSC Advances</i> , 2015, 5, 44234-44246.	1.7	13
29	The preparation of bifunctional hybrid nano-flowers and their application in the enzyme-linked immunosorbent assay for <i>Helicobacter pylori</i> detection. <i>Analyst, The</i> , 2021, 146, 338-347.	1.7	13
30	Synthesis and structure-activity relationship of N <sup>4</sup> -benzylamine-N <sup>2</sup> -isopropyl-quinazoline-2,4-diamines derivatives as potential antibacterial agents. <i>RSC Advances</i> , 2017, 7, 52227-52237.	1.7	12
31	Development of a Homologous Fluorescence Polarization Immunoassay for Diisobutyl Phthalate in Romaine Lettuce. <i>Food Analytical Methods</i> , 2017, 10, 449-458.	1.3	12
32	Development of a simple, rapid and high-throughput fluorescence polarization immunoassay for glycocholic acid in human urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 431-437.	1.4	12
33	Production of anti- <i>Trichophyton rubrum</i> egg yolk immunoglobulin and its therapeutic potential for treating dermatophytosis. <i>Microbial Pathogenesis</i> , 2019, 137, 103741.	1.3	11
34	Development of a double-antibody sandwich ELISA for rapid detection to C-peptide in human urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 179-184.	1.4	11
35	Acute and chronic toxicity of deltamethrin, permethrin, and dihaloacetylated heterocyclic pyrethroids in mice. <i>Pest Management Science</i> , 2020, 76, 4210-4221.	1.7	11
36	Production and characterization of a single-chain variable fragment-alkaline phosphatase fusion protein for glycocholic acid detection in a one-step enzyme-linked immunosorbent assay. <i>Analytical Methods</i> , 2018, 10, 2629-2635.	1.3	10

#	ARTICLE	IF	CITATIONS
37	Formation of Nanocomplexes between Carboxymethyl Inulin and Bovine Serum Albumin via pH-Induced Electrostatic Interaction. <i>Molecules</i> , 2019, 24, 3056.	1.7	10
38	A colorimetric sensing strategy based on enzyme@metal-organic framework and oxidase-like IrO <sub>2</sub> /MnO <sub>2</sub> nanocomposite for I $\pm$ -glucosidase inhibitor screening. <i>Mikrochimica Acta</i> , 2020, 187, 675.	2.5	10
39	Electrospinning preparation and luminescence properties of one-dimensional SrWO <sub>4</sub> : Sm <sup>3+</sup> nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 3324-3331.	1.1	9
40	Encapsulation of EV71-specific IgY antibodies by multilayer polypeptide microcapsules and its sustained release for inhibiting enterovirus 71 replication. <i>RSC Advances</i> , 2014, 4, 14603.	1.7	8
41	Regulation of nitrification in latosolic red soils by organic amendment. <i>Environmental Earth Sciences</i> , 2014, 71, 3865-3878.	1.3	8
42	An immunological determination of somatostatin in pharmaceutical by sandwich ELISA based on IgY and polyclonal antibody. <i>Microchemical Journal</i> , 2019, 145, 532-538.	2.3	8
43	Positively Charged Nanogold Combined with Expanded Mesoporous Silica-Based Immunoassay for the Detection of Avermectin. <i>Food Analytical Methods</i> , 2020, 13, 1129-1137.	1.3	8
44	Fluorescence polarization immunoassay for rapid determination of dehydroepiandrosterone in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4459-4469.	1.9	8
45	Purification and characterization of a novel cell-penetrating carrier similar to cholera toxin chimeric protein. <i>Protein Expression and Purification</i> , 2017, 129, 128-134.	0.6	7
46	Production and characteristics of a novel chicken egg yolk antibody (IgY) against periodontitis-associated pathogens. <i>Journal of Oral Microbiology</i> , 2020, 12, 1831374.	1.2	7
47	A Pt@Ir nanocube amplified lateral flow immunoassay for dehydroepiandrosterone. <i>Analyst, The</i> , 2021, 146, 2726-2733.	1.7	6
48	PtCu nanocages with superior tetra-enzyme mimics for colorimetric sensing and fluorescent sensing dehydroepiandrosterone. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130905.	4.0	6
49	Data on chemical composition of alkaloids of <i>Plumula nelumbinis</i> and antioxidant activity from thirteen habitats in China. <i>Data in Brief</i> , 2018, 21, 1591-1597.	0.5	5
50	Lateral Flow Immunosensor for Ferritin Based on Dual Signal-Amplified Strategy by Rhodium Nanoparticles. <i>ACS Applied Bio Materials</i> , 2020, 3, 8849-8856.	2.3	5
51	An ultrasensitive colorimetric assay based on a multi-amplification strategy employing Pt/IrO <sub>2</sub> @SA@HRP nanoflowers for the detection of progesterone in saliva samples. <i>Analytical Methods</i> , 2021, 13, 1164-1171.	1.3	5
52	Enhanced performance of a surface plasmon resonance-based immunosensor for the detection of glycocholic acid. <i>Analytical Methods</i> , 2021, 13, 1919-1924.	1.3	5
53	A bifunctional immunosensor based on osmium nano-hydrangeas as a catalytic chromogenic and tinctorial signal output for folic acid detection. <i>Analyst, The</i> , 2021, , .	1.7	5
54	Potential Therapeutic Effects of Egg Yolk Antibody (IgY) in <i>Helicobacter pylori</i> Infections. <i>Review. Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13691-13699.	2.4	5

#	ARTICLE	IF	CITATIONS
55	A highly sensitive electrochemical biosensor for microRNA122 detection based on a target-induced DNA nanostructure. <i>Analytical Methods</i> , 2021, 13, 2823-2829.	1.3	4
56	Direct salinization of trelagliptin from solid forms by mechanochemistry and its mechanism of salt formation. <i>CrystEngComm</i> , 2020, 22, 8256-8265.	1.3	3
57	Date on identification of flavonoids in <i>Plumula nelumbinis</i> by UPLC-ESI-QTOF-MS and antioxidant activity from 13 habitats in China. <i>Data in Brief</i> , 2018, 21, 321-327.	0.5	2
58	Development of a Highly Sensitive Biotin-Streptavidin Amplified Enzyme-Linked Immunosorbent Assay for Determination of Progesterone in Milk Samples. <i>Food Analytical Methods</i> , 2022, 15, 541-551.	1.3	1
59	Fluorescence immunoassay for targeted determination of trace <i>Listeria monocytogenes</i> based on immunomagnetic separation and CdZnTe quantum dots indication. <i>Analytical Methods</i> , 2022, , .	1.3	1
60	Preparation and detection of egg yolk antibody against <i>Streptococcus pneumoniae</i> . , 2010, , .		0
61	Synthesis, antimosquito activities, photodegradation, and toxic assessment of novel pyrethroids containing 2- <i>chlorobiphenyl</i> and 2- <i>chlorophenylpyridine</i> . <i>Pest Management Science</i> , 2021, 77, 2773-2784.	1.7	0
62	Rapid Naked-Eye Detection of a Liver Disease Biomarker by Discovering Its Monoclonal Antibody to Functionalize Engineered Red-Colored Bacteria Probes. <i>ACS Omega</i> , 2021, 6, 32005-32010.	1.6	0
63	Production and characterization of GPC3-N protein and its nanobody. <i>Protein Expression and Purification</i> , 2022, 195-196, 106094.	0.6	0
64	A Co-Encapsulation of Coenzyme Q10 and Curcumin in Liposomes Coated with Chitosan (Q10-Cur-Lip-Chi) with Enhanced Solubility and Stability for Good Release Performance and Antioxidative Activity. <i>Current Drug Delivery</i> , 2022, 19, .	0.8	0