Suqing Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62 papers	565 citations	14 h-index	20 g-index
64 ext. papers	750 ext. citations	4.7 avg, IF	3.87 L-index

#	Paper	IF	Citations
62	Fluorescence immunoassay for the targeted determination of trace based on immunomagnetic separation and CdZnTe quantum dot indication.. *Analytical Methods*, **2022**,	3.2	1
61	PtCu nanocages with superior tetra-enzyme mimics for colorimetric sensing and fluorescent sensing dehydroepiandrosterone. *Sensors and Actuators B: Chemical*, **2022**, 351, 130905	8.5	0
60	Versatile Au@Ru nanocomposites for the rapid detection of Salmonella typhimurium and photothermal sterilization.. *Journal of Colloid and Interface Science*, **2022**, 621, 489-498	9.3	2
59	Production and characterization of GPC3-N protein and its nanobody.. *Protein Expression and Purification*, **2022**, 106094	2	
58	Multifunctional Au@Pt@Ag NPs with color-photothermal-Raman properties for multimodal lateral flow immunoassay. *Journal of Hazardous Materials*, **2022**, 435, 129082	12.8	1
57	A bifunctional immunosensor based on osmium nano-hydrangeas as a catalytic chromogenic and tinctorial signal output for folic acid detection. *Analyst, The*, **2021**,	5	2
56	Rapid Naked-Eye Detection of a Liver Disease Biomarker by Discovering Its Monoclonal Antibody to Functionalize Engineered Red-Colored Bacteria Probes. *ACS Omega*, **2021**, 6, 32005-32010	3.9	
55	Potential Therapeutic Effects of Egg Yolk Antibody (IgY) in Infections-A Review. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 13691-13699	5.7	1
54	Au-Au/IrO@Cu(PABA) Reactor with Tandem Enzyme-Mimicking Catalytic Activity for Organic Dye Degradation and Antibacterial Application. *ACS Applied Materials & Interfaces*, **2021**, 13, 21680-21692	9.5	6
53	Fluorescence polarization immunoassay for rapid determination of dehydroepiandrosterone in human urine. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 4459-4469	4.4	1
52	The preparation of bifunctional hybrid nano-flowers and their application in the enzyme-linked immunosorbent assay for detection. *Analyst, The*, **2021**, 146, 338-347	5	5
51	An ultrasensitive colorimetric assay based on a multi-amplification strategy employing Pt/IrO@SA@HRP nanoflowers for the detection of progesterone in saliva samples. *Analytical Methods*, **2021**, 13, 1164-1171	3.2	1
50	Enhanced performance of a surface plasmon resonance-based immunosensor for the detection of glycocholic acid. *Analytical Methods*, **2021**, 13, 1919-1924	3.2	1
49	A highly sensitive electrochemical biosensor for microRNA122 detection based on a target-induced DNA nanostructure. *Analytical Methods*, **2021**, 13, 2823-2829	3.2	0
48	Synthesis, antimosquito activities, photodegradation, and toxic assessment of novel pyrethroids containing 2-chlorobiphenyl and 2-chlorophenylpyridine. *Pest Management Science*, **2021**, 77, 2773-2784	4.6	
47	A Pt-Ir nanocube amplified lateral flow immunoassay for dehydroepiandrosterone. *Analyst, The*, **2021**, 146, 2726-2733	5	3
46	Synthesis, anti-microbial and anti-inflammatory activities of 18β-glycyrrhetinic acid derivatives. *Bioorganic Chemistry*, **2020**, 101, 103985	5.1	10

45	Prussian blue nanoparticles with peroxidase-mimicking properties in a dual immunoassays for glycocholic acid. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 187, 113317	3.5	6
44	Positively Charged Nanogold Combined with Expanded Mesoporous Silica-Based Immunoassay for the Detection of Avermectin. *Food Analytical Methods*, **2020**, 13, 1129-1137	3.4	6
43	Acute and chronic toxicity of deltamethrin, permethrin, and dihaloacetylated heterocyclic pyrethroids in mice. *Pest Management Science*, **2020**, 76, 4210-4221	4.6	5
42	Platinum nanoflowers with peroxidase-like property in a dual immunoassay for dehydroepiandrosterone. *Mikrochimica Acta*, **2020**, 187, 592	5.8	14
41	Photodegradation kinetics, mechanism and aquatic toxicity of deltamethrin, permethrin and dihaloacetylated heterocyclic pyrethroids. *Science of the Total Environment*, **2020**, 749, 142106	10.2	8
40	Lateral Flow Immunosensor for Ferritin Based on Dual Signal-Amplified Strategy by Rhodium Nanoparticles.. *ACS Applied Bio Materials*, **2020**, 3, 8849-8856	4.1	3
39	A colorimetric sensing strategy based on enzyme@metal-organic framework and oxidase-like IrO/MnO nanocomposite for glucosidase inhibitor screening. *Mikrochimica Acta*, **2020**, 187, 675	5.8	0
38	Direct salinization of trelagliptin from solid forms by mechanochemistry and its mechanism of salt formation. *CrystEngComm*, **2020**, 22, 8256-8265	3.3	0
37	Production and characteristics of a novel chicken egg yolk antibody (IgY) against periodontitis-associated pathogens. *Journal of Oral Microbiology*, **2020**, 12, 1831374	6.3	4
36	Synthesis, insecticidal activities and resistance in Aedes albopictus and cytotoxicity of novel dihaloacetylated heterocyclic pyrethroids. *Pest Management Science*, **2020**, 76, 636-644	4.6	6
35	Formation of Nanocomplexes between Carboxymethyl Inulin and Bovine Serum Albumin via pH-Induced Electrostatic Interaction. *Molecules*, **2019**, 24,	4.8	3
34	Production of anti-Trichophyton rubrum egg yolk immunoglobulin and its therapeutic potential for treating dermatophytosis. *Microbial Pathogenesis*, **2019**, 137, 103741	3.8	7
33	Fluorescence polarization immunoassay based on a new monoclonal antibody for the detection of the Diisobutyl phthalate in Yoghurt. *Food Control*, **2019**, 105, 38-44	6.2	12
32	Ultrasensitive detection of H. pylori in human feces based on immunomagnetic bead capture and fluorescent quantum dots. *Analyst, The*, **2019**, 144, 4086-4092	5	15
31	Bifunctional Hybrid Enzyme-Catalytic Metal Organic Framework Reactors for Glucosidase Inhibitor Screening. *ACS Applied Materials & Interfaces*, **2019**, 11, 32769-32777	9.5	36
30	Lactobacillus reuteri 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	6.1	20
29	An immunological determination of somatostatin in pharmaceutical by sandwich ELISA based on IgY and polyclonal antibody. *Microchemical Journal*, **2019**, 145, 532-538	4.8	4
28	Development of a surface plasmon resonance immunosensor and ELISA for 3-nitrotyrosine in human urine. *Talanta*, **2019**, 195, 655-661	6.2	26

27	Development of a double-antibody sandwich ELISA for rapid detection to C-peptide in human urine. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 162, 179-184	3.5	7
26	Biotinylated single-chain variable fragment-based enzyme-linked immunosorbent assay for glycocholic acid. *Analyst, The*, **2018**, 143, 2057-2065	5	7
25	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	8.5	24
24	Radiosynthesis and biological evaluation of F-labeled 4-anilinoquinazoline derivative (F-FEA-Erlotinib) as a potential EGFR PET agent. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 1143-1148	2.9	14
23	Data on chemical composition of alkaloids of and antioxidant activity from thirteen habitats in China. *Data in Brief*, **2018**, 21, 1591-1597	1.2	3
22	Date on identification of flavonoids in by UPLC-ESI-QTOF-MS and antioxidant activity from 13 habitats in China. *Data in Brief*, **2018**, 21, 321-327	1.2	1
21	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. *Analytical Methods*, **2018**, 10, 2629-2635	3.2	5
20	Development of a simple, rapid and high-throughput fluorescence polarization immunoassay for glycocholic acid in human urine. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 158, 431-437	3.5	9
19	Purification and characterization of a novel cell-penetrating carrier similar to cholera toxin chimeric protein. *Protein Expression and Purification*, **2017**, 129, 128-134	2	5
18	Cysteamine-Assisted Highly Sensitive Detection of Bisphenol A in Water Samples by Surface-Enhanced Raman Spectroscopy with Ag Nanoparticle-Modified Filter Paper as Substrate. *Food Analytical Methods*, **2017**, 10, 1940-1947	3.4	11
17	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	7.8	24
16	Synthesis and structure‐activity relationship of N4-benzylamine-N2-isopropyl-quinazoline-2,4-diamines derivatives as potential antibacterial agents. *RSC Advances*, **2017**, 7, 52227-52237	3.7	6
15	Development of a Homologous Fluorescence Polarization Immunoassay for Diisobutyl Phthalate in Romaine Lettuce. *Food Analytical Methods*, **2017**, 10, 449-458	3.4	8
14	A fluorescence polarization immunoassay method for detection of the bisphenol A residue in environmental water samples based on a monoclonal antibody and 4?-(aminomethyl)fluorescein. *Analytical Methods*, **2015**, 7, 4246-4251	3.2	26
13	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	7.1	22
12	A hydrophilic conjugate approach toward the design and synthesis of ursolic acid derivatives as potential antidiabetic agent. *RSC Advances*, **2015**, 5, 44234-44246	3.7	11
11	Synthesis and Evaluation of Novel Triterpene Analogues of Ursolic Acid as Potential Antidiabetic Agent. *PLoS ONE*, **2015**, 10, e0138767	3.7	13
10	Development of a Highly Specific Fluorescence Immunoassay for Detection of Diisobutyl Phthalate in Edible Oil Samples. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 9372-8	5.7	23

9	Encapsulation of EV71-specific IgY antibodies by multilayer polypeptide microcapsules and its sustained release for inhibiting enterovirus 71 replication. *RSC Advances*, **2014**, 4, 14603	3.7	7
8	Electrospinning preparation and luminescence properties of one-dimensional SrWO4: Sm3+ nanofibers. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 3324-3331	2.1	7
7	Regulation of nitrification in latosolic red soils by organic amendment. *Environmental Earth Sciences* , **2014**, 71, 3865-3878	2.9	7
6	Prophylaxis and therapy of pandemic H1N1 virus infection using egg yolk antibody. *Journal of Virological Methods*, **2014**, 206, 19-26	2.6	28
5	Effects of ursolic acid derivatives on Caco-2 cells and their alleviating role in streptozocin-induced type 2 diabetic rats. *Molecules*, **2014**, 19, 12559-76	4.8	12
4	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	3.2	17
3	Two new steroidal saponins from Selaginella uncinata (Desv.) Spring and their protective effect against anoxia. *Fitoterapia*, **2013**, 88, 25-30	3.2	12
2	Preparation and characterization of egg yolk immunoglobulin Y specific to influenza B virus. *Antiviral Research*, **2012**, 93, 154-9	10.8	47
1	Development of a Highly Sensitive Biotin-Streptavidin Amplified Enzyme-Linked Immunosorbent Assay for Determination of Progesterone in Milk Samples. *Food Analytical Methods*,1	3.4	0