

# Shan Li

## List of Publications by Year in descending order

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40  
papers

669  
citations

623188

14  
h-index

610482

24  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chondroitin sulfate proteoglycan 4 functions as the cellular receptor for Clostridium difficile toxin B. Cell Research, 2015, 25, 157-168.	5.7	154
2	Development and Clinical Application of a Rapid and Sensitive Loop-Mediated Isothermal Amplification Test for SARS-CoV-2 Infection. MSphere, 2020, 5, .	1.3	54
3	Endocytosed nanoparticles hold endosomes and stimulate binucleated cells formation. Particle and Fibre Toxicology, 2016, 13, 63.	2.8	32
4	Small size fullerene nanoparticles suppress lung metastasis of breast cancer cell by disrupting actin dynamics. Journal of Nanobiotechnology, 2018, 16, 54.	4.2	32
5	Novel Cysteine Desulfidase CdsB Involved in Releasing Cysteine Repression of Toxin Synthesis in Clostridium difficile. Frontiers in Cellular and Infection Microbiology, 2017, 7, 531.	1.8	32
6	Reactive oxygen species involved in CT26 immunogenic cell death induced by Clostridium difficile toxin B. Immunology Letters, 2015, 164, 65-71.	1.1	27
7	A Segment of 97 Amino Acids within the Translocation Domain of Clostridium difficile Toxin B Is Essential for Toxicity. PLoS ONE, 2013, 8, e58634.	1.1	22
8	A novel One-pot rapid diagnostic technology for COVID-19. Analytica Chimica Acta, 2021, 1154, 338310.	2.6	22
9	High Efficient Expression, Purification, and Functional Characterization of Native Human Epidermal Growth Factor in Escherichia coli. BioMed Research International, 2016, 2016, 1-7.	0.9	21
10	Ultrasensitive colorimetric immunoassay for hCG detection based on dual catalysis of Au@Pt core-shell nanoparticle functionalized by horseradish peroxidase. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 102-108.	2.0	21
11	Time-resolved transcriptome analysis of Clostridium difficile R20291 response to cysteine. Microbiological Research, 2018, 215, 114-125.	2.5	21
12	Enhancement of Polymerase Activity of the Large Fragment in DNA Polymerase I from Geobacillus stearothermophilus by Site-Directed Mutagenesis at the Active Site. BioMed Research International, 2016, 2016, 1-8.	0.9	18
13	RT-LAMP assay for rapid detection of the R203M mutation in SARS-CoV-2 Delta variant. Emerging Microbes and Infections, 2022, 11, 978-987.	3.0	17
14	Rapid and efficient production of cecropin A antibacterial peptide in Escherichia coli by fusion with a self-aggregating protein. BMC Biotechnology, 2018, 18, 62.	1.7	16
15	Utility of Clostridium difficile Toxin B for Inducing Anti-Tumor Immunity. PLoS ONE, 2014, 9, e110826.	1.1	16
16	A novel secretion and online-cleavage strategy for production of cecropin A in Escherichia coli. Scientific Reports, 2017, 7, 7368.	1.6	14
17	Reciprocating free-flow isoelectric focusing device for preparative separation of proteins. Journal of Chromatography A, 2015, 1422, 318-324.	1.8	12
18	Identification of an Essential Region for Translocation of Clostridium difficile Toxin B. Toxins, 2016, 8, 241.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Recombinant Clostridium difficile toxin B induces endoplasmic reticulum stress in mouse colonal carcinoma cells. Acta Biochimica Et Biophysica Sinica, 2014, 46, 973-981.	0.9	9
20	An Investigation Into Vortioxetine Salts: Crystal Structure, Thermal Stability, and Solubilization. Journal of Pharmaceutical Sciences, 2016, 105, 2123-2128.	1.6	9
21	High mobility group box1 protein is involved in acute inflammation induced by Clostridium difficile toxin A. Acta Biochimica Et Biophysica Sinica, 2016, 48, 554-562.	0.9	9
22	Ethinyl estradiol cocrystals assembled by chain structures: improvement in stability and solubility. New Journal of Chemistry, 2019, 43, 16889-16897.	1.4	9
23	Rotundic acid ameliorates non-alcoholic steatohepatitis via SREBP-1c/ SCD1 signaling pathway and modulating gut microbiota. International Immunopharmacology, 2021, 99, 108065.	1.7	9
24	Visual offline sample stacking via moving neutralization boundary electrophoresis for analysis of heavy metal ion. Talanta, 2012, 95, 42-49.	2.9	7
25	Enhancing resolution of free-flow zone electrophoresis via a simple sheath-flow sample injection. Electrophoresis, 2016, 37, 1992-1997.	1.3	7
26	High Mobility Group Box1 Protein Is Involved in Endoplasmic Reticulum Stress Induced by Clostridium difficile Toxin A. BioMed Research International, 2016, 2016, 1-7.	0.9	6
27	Crystal Structures, X-Ray Photoelectron Spectroscopy, Thermodynamic Stabilities, and Improved Solubilities of 2-Hydrochloride Salts of Vortioxetine. Journal of Pharmaceutical Sciences, 2017, 106, 1069-1074.	1.6	6
28	Salubrinal protects against toxin B-induced CT26 cell death. Acta Biochimica Et Biophysica Sinica, 2017, 49, 228-237.	0.9	6
29	Molecular cloning, characterization, and promoter analysis of the isochorismate synthase (AalCS1) gene from Artemisia annua. Journal of Zhejiang University: Science B, 2017, 18, 662-673.	1.3	6
30	Azilsartan piperazine salt solvate and monohydrate: preparation, crystal structure, enhanced solubility and oral bioavailability. New Journal of Chemistry, 2020, 44, 852-860.	1.4	6
31	Theoretical study on colloid/or inorganic material preparation by moving reaction boundary method in gel. Colloid and Polymer Science, 2005, 283, 1131-1136.	1.0	5
32	High-mobility group box 1 protein contributes to the immunogenicity of rTcdB-treated CT26 cells. Acta Biochimica Et Biophysica Sinica, 2018, 50, 921-928.	0.9	5
33	Design of suitable carrier buffer for free-flow zone electrophoresis by charge-to-mass ratio and band broadening analysis. Electrophoresis, 2016, 37, 2393-2400.	1.3	4
34	Polymorphs and solvatomorphs of azilsartan medoxomil: Elucidation of solvent-induced construction and conformational diversity. Journal of Molecular Structure, 2017, 1130, 103-113.	1.8	4
35	Mathematical model and computer simulation on moving precipitate boundary electrophoresis for offline sample pre-concentration of heavy metal ion. Talanta, 2013, 103, 314-321.	2.9	3
36	Efficient synthesis of cholic acid derivatives through stereoselective C-H functionalization from hyodeoxycholic acid. Steroids, 2020, 157, 108594.	0.8	3

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37	Mutational analysis to identify the residues essential for the acetyltransferase activity of GlmU in <i>Bacillus subtilis</i> . <i>RSC Advances</i> , 2017, 7, 13858-13867.	1.7	3
38	Peptide identification of hepatocyte growth-promoting factor and its function in cytoprotection and promotion of liver cell proliferation through the JAK2/STAT3/c-MYC pathway. <i>European Journal of Pharmacology</i> , 2022, 920, 174832.	1.7	3
39	Pharmaceutical salt and salt hydrates of vortioxetine with sulfonic acid to ameliorate the solubility and hygroscopicity <i>via</i> the charge-assisted hydrogen bond assembly. <i>New Journal of Chemistry</i> , 2021, 45, 1474-1481.	1.4	2
40	A novel fluorescent probe for the detection of AmpC beta-lactamase and the application in screening beta-lactamase inhibitors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 234, 118257.	2.0	0