

# Yi Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,146  
citations

471509

17  
h-index

434195

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) membrane (M) protein inhibits type I and III interferon production by targeting RIG-I/MDA-5 signaling. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 299.	17.1	232
2	SARS-CoV-2 ORF9b antagonizes type I and III interferons by targeting multiple components of the RIG-I/MDA-5, MAVS, TLR3, TRIF, and cGAS-STING signaling pathways. <i>Journal of Medical Virology</i> , 2021, 93, 5376-5389.	9.3	153
3	SARS-CoV-2 NSP5 and N protein counteract the RIG-I signaling pathway by suppressing the formation of stress granules. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 22.	17.1	64
4	What role does pyroptosis play in microbial infection?. <i>Journal of Cellular Physiology</i> , 2019, 234, 7885-7892.	4.1	59
5	USP18 positively regulates innate antiviral immunity by promoting K63-linked polyubiquitination of MAVS. <i>Nature Communications</i> , 2021, 12, 2970.	12.8	54
6	SARS-CoV-2 NSP13 Inhibits Type I IFN Production by Degradation of TBK1 via p62-Dependent Selective Autophagy. <i>Journal of Immunology</i> , 2022, 208, 753-761.	0.8	50
7	OTUD5 promotes innate antiviral and antitumor immunity through deubiquitinating and stabilizing STING. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1945-1955.	10.5	48
8	SARS-CoV-2 ORF10 antagonizes STING-dependent interferon activation and autophagy. <i>Journal of Medical Virology</i> , 2022, 94, 5174-5188.	5.0	45
9	Activation of the Omega-3 Fatty Acid Receptor GPR120 Protects against Focal Cerebral Ischemic Injury by Preventing Inflammation and Apoptosis in Mice. <i>Journal of Immunology</i> , 2019, 202, 747-759.	0.8	44
10	Cutting Edge: USP27X Deubiquitinates and Stabilizes the DNA Sensor cGAS to Regulate Cytosolic DNA-Mediated Signaling. <i>Journal of Immunology</i> , 2019, 203, 2049-2054.	0.8	43
11	USP5 attenuates NLRP3 inflammasome activation by promoting autophagic degradation of NLRP3. <i>Autophagy</i> , 2022, 18, 990-1004.	9.1	42
12	E3 ubiquitin ligases, the powerful modulator of innate antiviral immunity. <i>Cellular Immunology</i> , 2019, 340, 103915.	3.0	32
13	TRIM26 positively regulates the inflammatory immune response through K11-linked ubiquitination of TAB1. <i>Cell Death and Differentiation</i> , 2021, 28, 3077-3091.	11.2	29
14	The E3 ubiquitin ligase TRIM31 is involved in cerebral ischemic injury by promoting degradation of TIGAR. <i>Redox Biology</i> , 2021, 45, 102058.	9.0	27
15	Fine-tuning of antiviral innate immunity by ubiquitination. <i>Advances in Immunology</i> , 2020, 145, 95-128.	2.2	23
16	IKIP Negatively Regulates NF- $\kappa$ B Activation and Inflammation through Inhibition of IKK $\alpha$ /I $\kappa$ B Phosphorylation. <i>Journal of Immunology</i> , 2020, 204, 418-427.	0.8	22
17	The protein arginine methyltransferase PRMT1 promotes TBK1 activation through asymmetric arginine methylation. <i>Cell Reports</i> , 2021, 36, 109731.	6.4	22
18	miR-31 shuttled by halofuginone-induced exosomes suppresses MFC7 cell proliferation by modulating the HDAC2/cell cycle signaling axis. <i>Journal of Cellular Physiology</i> , 2019, 234, 18970-18984.	4.1	20

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19	Drug Clearance in Neonates: A Combination of Population Pharmacokinetic Modelling and Machine Learning Approaches to Improve Individual Prediction. <i>Clinical Pharmacokinetics</i> , 2021, 60, 1435-1448.	3.5	20
20	OTUD1 Regulates Antifungal Innate Immunity through Deubiquitination of CARD9. <i>Journal of Immunology</i> , 2021, 206, 1832-1843.	0.8	16
21	TRIM31 facilitates K27-linked polyubiquitination of SYK to regulate antifungal immunity. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 298.	17.1	16
22	Developmental population pharmacokinetics of caffeine in Chinese premature infants with apnoea of prematurity: A post-marketing study to support paediatric labelling in China. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1155-1164.	2.4	11
23	Methyltransferase-Like Protein 14 Attenuates Mitochondrial Antiviral Signaling Protein Expression to Negatively Regulate Antiviral Immunity via N <sup>6</sup> -methyladenosine Modification. <i>Advanced Science</i> , 2021, 8, e2100606.	11.2	11
24	Abundance and Significance of Neuroligin-1 and Neurexin II in the Enteric Nervous System of Embryonic Rats. <i>BioMed Research International</i> , 2017, 2017, 1-6.	1.9	7
25	Optimal Dosing of Ceftriaxone in Infants Based on a Developmental Population Pharmacokinetic-Pharmacodynamic Analysis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	6
26	Population pharmacokinetics and dose optimization of ceftriaxone for children with community-acquired pneumonia. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 1547-1556.	1.9	6
27	A simplified method for bortezomib determination using dried blood spots in combination with liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1181, 122905.	2.3	6
28	Prediction of Unbound Ceftriaxone Concentration in Children: Simple Bioanalysis Method and Basic Mathematical Equation. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	5
29	Population Pharmacokinetic Study of Cefthiamidine in Infants With Augmented Renal Clearance. <i>Frontiers in Pharmacology</i> , 2021, 12, 630047.	3.5	5
30	Downregulation of Renal MRPs Transporters in Acute Lymphoblastic Leukemia Mediated by the IL-6/STAT3/PXR Signaling Pathway. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2239-2252.	3.5	5
31	A Peptide Derived from IKK-Interacting Protein Attenuates NF- $\kappa$ B Activation and Inflammation. <i>Journal of Immunology</i> , 2021, 207, 1652-1661.	0.8	5
32	Drug Elimination Alteration in Acute Lymphoblastic Leukemia Mediated by Renal Transporters and Glomerular Filtration. <i>Pharmaceutical Research</i> , 2020, 37, 158.	3.5	4
33	First dose in neonates: pharmacokinetic bridging study from juvenile mice to neonates for drugs metabolized by CYP3A. <i>Xenobiotica</i> , 2020, 50, 1275-1284.	1.1	4
34	CYP3A5 Genotype-Dependent Drug-Drug Interaction Between Tacrolimus and Nifedipine in Chinese Renal Transplant Patients. <i>Frontiers in Pharmacology</i> , 2021, 12, 692922.	3.5	3
35	LPS-Induced Inflammation Affects Midazolam Clearance in Juvenile Mice in an Age-Dependent Manner. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3697-3706.	3.5	3
36	Developmental Pharmacogenetics of CYP2D6 in Chinese Children: Loratadine as a Substrate Drug. <i>Frontiers in Pharmacology</i> , 2021, 12, 657287.	3.5	2

#	ARTICLE	IF	CITATIONS
37	A Validated LC-MS/MS Method for the Determination of Mezlocillin in Plasma: An Adapted Method for Therapeutic Drug Monitoring in Children. <i>Current Pharmaceutical Analysis</i> , 2021, 17, 853-860.	0.6	1
38	Clinical utility of a model-based piperacillin dose in neonates with early-onset sepsis. <i>British Journal of Clinical Pharmacology</i> , 2021, , .	2.4	1