

# Min Wu

## List of Publications by Year in descending order

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205  
papers

14,573  
citations

38742  
50  
h-index

22166  
113  
g-index

213  
all docs

213  
docs citations

213  
times ranked

29357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Applications of genome editing technology in the targeted therapy of human diseases: mechanisms, advances and prospects. Signal Transduction and Targeted Therapy, 2020, 5, 1.	17.1	1,354
3	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. Nature, 2020, 586, 572-577.	27.8	630
4	Fabrication of highly fluorescent graphene quantum dots using L-glutamic acid for in vitro/in vivo imaging and sensing. Journal of Materials Chemistry C, 2013, 1, 4676.	5.5	385
5	A macromolecular approach to eradicate multidrug resistant bacterial infections while mitigating drug resistance onset. Nature Communications, 2018, 9, 917.	12.8	261
6	Pseudomonas aeruginosa: pathogenesis, virulence factors, antibiotic resistance, interaction with host, technology advances and emerging therapeutics. Signal Transduction and Targeted Therapy, 2022, 7, .	17.1	239
7	Cationic nanocarriers induce cell necrosis through impairment of Na <sup>+</sup> /K <sup>+</sup> -ATPase and cause subsequent inflammatory response. Cell Research, 2015, 25, 237-253.	12.0	218
8	Aptamers: Active Targeting Ligands for Cancer Diagnosis and Therapy. Theranostics, 2015, 5, 322-344.	10.0	212
9	Bioengineering Bacterial Vesicle-Coated Polymeric Nanomedicine for Enhanced Cancer Immunotherapy and Metastasis Prevention. Nano Letters, 2020, 20, 11-21.	9.1	175
10	Autophagy plays an essential role in the clearance of <i>Pseudomonas aeruginosa</i> by alveolar macrophages. Journal of Cell Science, 2012, 125, 507-515.	2.0	168
11	mRNA-based therapeutics: powerful and versatile tools to combat diseases. Signal Transduction and Targeted Therapy, 2022, 7, .	17.1	160
12	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. Angewandte Chemie - International Edition, 2020, 59, 632-636.	13.8	154
13	Activation of Pyroptosis by Membrane-Anchoring AIE Photosensitizer Design: New Prospect for Photodynamic Cancer Cell Ablation. Angewandte Chemie - International Edition, 2021, 60, 9093-9098.	13.8	154
14	Recent development of silica nanoparticles as delivery vectors for cancer imaging and therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 297-312.	3.3	133
15	Atg7 Deficiency Intensifies Inflammasome Activation and Pyroptosis in <i>Pseudomonas</i> Sepsis. Journal of Immunology, 2017, 198, 3205-3213.	0.8	129
16	Photoacoustic imaging of human coronary atherosclerosis in two spectral bands. Photoacoustics, 2014, 2, 12-20.	7.8	120
17	Proteome-wide Quantification and Characterization of Oxidation-Sensitive Cysteines in Pathogenic Bacteria. Cell Host and Microbe, 2013, 13, 358-370.	11.0	111
18	miRNAs reshape immunity and inflammatory responses in bacterial infection. Signal Transduction and Targeted Therapy, 2018, 3, 14.	17.1	110

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19	PDLIM1 Stabilizes the E-Cadherin/ $\beta$ -Catenin Complex to Prevent Epithelial-Mesenchymal Transition and Metastatic Potential of Colorectal Cancer Cells. <i>Cancer Research</i> , 2016, 76, 1122-1134.	0.9	101
20	Novel coronavirus infection in newborn babies aged <28 days in China. <i>European Respiratory Journal</i> , 2020, 55, 2000697.	6.7	100
21	Type I CRISPR-Cas targets endogenous genes and regulates virulence to evade mammalian host immunity. <i>Cell Research</i> , 2016, 26, 1273-1287.	12.0	99
22	MicroRNA-302b augments host defense to bacteria by regulating inflammatory responses via feedback to TLR/IRAK4 circuits. <i>Nature Communications</i> , 2014, 5, 3619.	12.8	92
23	Identification of ANXA2 (annexin A2) as a specific bleomycin target to induce pulmonary fibrosis by impeding TFEB-mediated autophagic flux. <i>Autophagy</i> , 2018, 14, 269-282.	9.1	89
24	FGFR4 Promotes Stroma-Induced Epithelial-to-Mesenchymal Transition in Colorectal Cancer. <i>Cancer Research</i> , 2013, 73, 5926-5935.	0.9	88
25	CCN1 secretion and cleavage regulate the lung epithelial cell functions after cigarette smoke. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L326-L337.	2.9	88
26	Annexin A2 Regulates Autophagy in <i>Pseudomonas aeruginosa</i> Infection through the Akt-mTOR-ULK1/2 Signaling Pathway. <i>Journal of Immunology</i> , 2015, 195, 3901-3911.	0.8	87
27	Metabolic sensor governing bacterial virulence in <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4981-90.	7.1	84
28	Targeting folate receptor $\beta$ positive tumor-associated macrophages in lung cancer with a folate-modified liposomal complex. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 6.	17.1	83
29	Decreased Levels of miR-224 and the Passenger Strand of miR-221 Increase MBD2, Suppressing Maspin and Promoting Colorectal Tumor Growth and Metastasis in Mice. <i>Gastroenterology</i> , 2013, 145, 853-864.e9.	1.3	81
30	Real-time volumetric lipid imaging in vivo by intravascular photoacoustics at 20 frames per second. <i>Biomedical Optics Express</i> , 2017, 8, 943.	2.9	80
31	Targeted therapies in gynecological cancers: a comprehensive review of clinical evidence. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 137.	17.1	79
32	A <i>Pseudomonas aeruginosa</i> type VI secretion system regulated by CueR facilitates copper acquisition. <i>PLoS Pathogens</i> , 2019, 15, e1008198.	4.7	78
33	Graphene oxide as an efficient antimicrobial nanomaterial for eradicating multi-drug resistant bacteria in vitro and in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 157, 1-9.	5.0	75
34	MEG3-4 is a miRNA decoy that regulates IL-1 $\beta$ abundance to initiate and then limit inflammation to prevent sepsis during lung infection. <i>Science Signaling</i> , 2018, 11, .	3.6	74
35	Surface-Layer Protein-Enhanced Immunotherapy Based on Cell Membrane-Coated Nanoparticles for the Effective Inhibition of Tumor Growth and Metastasis. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 9850-9859.	8.0	73
36	HClO $_2$ -Activated Fluorescence and Photosensitization from an AIE Nanoprobe for Image-Guided Bacterial Ablation in Phagocytes. <i>Advanced Materials</i> , 2020, 32, e2005222.	21.0	68

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37	Enhanced synergetic antibacterial activity by a reduce graphene oxide/Ag nanocomposite through the photothermal effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110616.	5.0	67
38	CRISPR-Cas13 Inhibitors Block RNA Editing in Bacteria and Mammalian Cells. <i>Molecular Cell</i> , 2020, 78, 850-861.e5.	9.7	65
39	Molecular mechanisms of master regulator VqsM mediating quorum-sensing and antibiotic resistance in <i>Pseudomonas aeruginosa</i> . <i>Nucleic Acids Research</i> , 2014, 42, 10307-10320.	14.5	64
40	Annexin A2 binds to endosomes and negatively regulates TLR4-triggered inflammatory responses via the TRAM-TRIF pathway. <i>Scientific Reports</i> , 2015, 5, 15859.	3.3	64
41	Alternate binding modes of anti-CRISPR viral suppressors AcrF1/2 to Csy surveillance complex revealed by cryo-EM structures. <i>Cell Research</i> , 2017, 27, 853-864.	12.0	64
42	Spectroscopic intravascular photoacoustic imaging of lipids in atherosclerosis. <i>Journal of Biomedical Optics</i> , 2014, 19, 026006.	2.6	63
43	Lipid detection in atherosclerotic human coronaries by spectroscopic intravascular photoacoustic imaging. <i>Optics Express</i> , 2013, 21, 21472.	3.4	60
44	The role of lysosome in regulated necrosis. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1880-1903.	12.0	60
45	Photosensitizer-Bacteria Biohybrids Promote Photodynamic Cancer Cell Ablation and Intracellular Protein Delivery. <i>Chemistry of Materials</i> , 2019, 31, 7212-7220.	6.7	59
46	Annexin A2 Modulates ROS and Impacts Inflammatory Response via IL-17 Signaling in Polymicrobial Sepsis Mice. <i>PLoS Pathogens</i> , 2016, 12, e1005743.	4.7	59
47	Specific imaging of atherosclerotic plaque lipids with two-wavelength intravascular photoacoustics. <i>Biomedical Optics Express</i> , 2015, 6, 3276.	2.9	58
48	CRISPR-cas3 of <i>Salmonella</i> Upregulates Bacterial Biofilm Formation and Virulence to Host Cells by Targeting Quorum-Sensing Systems. <i>Pathogens</i> , 2020, 9, 53.	2.8	56
49	Metabolic and molecular insights into an essential role of nicotinamide phosphoribosyltransferase. <i>Cell Death and Disease</i> , 2017, 8, e2705-e2705.	6.3	54
50	A Novel Signal Transduction Pathway that Modulates rhl Quorum Sensing and Bacterial Virulence in <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2014, 10, e1004340.	4.7	51
51	Synthesis of Tridecaptinâ€“Antibiotic Conjugates with in Vivo Activity against Gram-Negative Bacteria. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9779-9785.	6.4	51
52	<i>Pseudomonas aeruginosa</i> infection augments inflammation through miR-301b repression of c-Myb-mediated immune activation and infiltration. <i>Nature Microbiology</i> , 2016, 1, 16132.	13.3	51
53	Coinfection of SARS-CoV-2 and multiple respiratory pathogens in children. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1160-1161.	2.3	51
54	Host DNA Repair Proteins in Response to <i>Pseudomonas aeruginosa</i> in Lung Epithelial Cells and in Mice. <i>Infection and Immunity</i> , 2011, 79, 75-87.	2.2	50

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55	Biodegradable Antimicrobial Polycarbonates with In Vivo Efficacy against Multidrug-Resistant MRSA Systemic Infection. <i>Advanced Healthcare Materials</i> , 2015, 4, 2128-2136.	7.6	50
56	Global Prevalence of Asymptomatic Norovirus Infection: A Meta-analysis. <i>EClinicalMedicine</i> , 2018, 2-3, 50-58.	7.1	50
57	Lyn Delivers Bacteria to Lysosomes for Eradication through TLR2-Initiated Autophagy Related Phagocytosis. <i>PLoS Pathogens</i> , 2016, 12, e1005363.	4.7	49
58	Heme oxygenase-1 protects airway epithelium against apoptosis by targeting the proinflammatory NLRP3-IL-1R axis in asthma. <i>Journal of Biological Chemistry</i> , 2018, 293, 18454-18465.	3.4	49
59	miR-410 induces both epithelial-mesenchymal transition and radioresistance through activation of the PI3K/mTOR pathway in non-small cell lung cancer. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 85.	17.1	48
60	Structural and Molecular Mechanism of CdpR Involved in Quorum-Sensing and Bacterial Virulence in <i>Pseudomonas aeruginosa</i> . <i>PLoS Biology</i> , 2016, 14, e1002449.	5.6	48
61	Direct Synthesis of Photosensitizable Bacterial Cellulose as Engineered Living Material for Skin Wound Repair. <i>Advanced Materials</i> , 2022, 34, e2109010.	21.0	44
62	The Crc protein participates in down-regulation of the Lcn gene to promote rhamnolipid production and quorum sensing in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2015, 96, 526-547.	2.5	42
63	Nitrogen-Sulfur-Doped Graphene Quantum Dots with Metal Ion-Resistance for Bioimaging. <i>ACS Applied Nano Materials</i> , 2019, 2, 6858-6865.	5.0	40
64	Applications and challenges of CRISPR-Cas gene-editing to disease treatment in clinics. <i>Precision Clinical Medicine</i> , 2021, 4, 179-191.	3.3	40
65	<i>Pseudomonas aeruginosa</i> Outer Membrane Vesicles Modulate Host Immune Responses by Targeting the Toll-Like Receptor 4 Signaling Pathway. <i>Infection and Immunity</i> , 2013, 81, 4509-4518.	2.2	39
66	Lyn regulates inflammatory responses in <i>Klebsiella pneumoniae</i> infection via the p38/NF- $\kappa$ B pathway. <i>European Journal of Immunology</i> , 2014, 44, 763-773.	2.9	38
67	Degradable antimicrobial polycarbonates with unexpected activity and selectivity for treating multidrug-resistant <i>Klebsiella pneumoniae</i> lung infection in mice. <i>Acta Biomaterialia</i> , 2019, 94, 268-280.	8.3	38
68	Atg7 Knockdown Augments Concanavalin A-Induced Acute Hepatitis through an ROS-Mediated p38/MAPK Pathway. <i>PLoS ONE</i> , 2016, 11, e0149754.	2.5	37
69	Lyn kinase represses mucus hypersecretion by regulating IL-13-induced endoplasmic reticulum stress in asthma. <i>EBioMedicine</i> , 2017, 15, 137-149.	6.1	37
70	CCAAT/Enhancer-Binding Protein $\beta$ Is a Critical Mediator of Lipopolysaccharide-Induced Acute Lung Injury. <i>American Journal of Pathology</i> , 2013, 182, 420-430.	3.8	35
71	Steady-State Hydrogen Peroxide Induces Glycolysis in <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2014, 196, 2499-2513.	2.2	35
72	A novel cancer vaccine with the ability to simultaneously produce anti-PD-1 antibody and GM-CSF in cancer cells and enhance Th1-biased antitumor immunity. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, 16025.	17.1	35

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73	Nucleolin Is a Functional Binding Protein for Salinomycin in Neuroblastoma Stem Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 3613-3622.	13.7	35
74	Lyn regulates mucus secretion and MUC5AC via the STAT6 signaling pathway during allergic airway inflammation. <i>Scientific Reports</i> , 2017, 7, 42675.	3.3	33
75	Airway epithelial TSLP production of TLR2 drives type 2 immunity in allergic airway inflammation. <i>European Journal of Immunology</i> , 2018, 48, 1838-1850.	2.9	33
76	&lt;p&gt;Mechanistic research holds promise for bacterial vaccines and phage therapies for &lt;em&gt;Pseudomonas aeruginosa&lt;/em&gt;&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 909-924.	4.3	32
77	<i>Pseudomonas aeruginosa</i> T6SS-mediated molybdate transport contributes to bacterial competition during anaerobiosis. <i>Cell Reports</i> , 2021, 35, 108957.	6.4	32
78	Atg7 deficiency impairs host defense against <i>Klebsiella pneumoniae</i> by impacting bacterial clearance, survival and inflammatory responses in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L355-L363.	2.9	31
79	Transient Receptor Potential Channel 1 Deficiency Impairs Host Defense and Proinflammatory Responses to Bacterial Infection by Regulating Protein Kinase C $\alpha$ Signaling. <i>Molecular and Cellular Biology</i> , 2015, 35, 2729-2739.	2.3	31
80	Budesonide suppresses pulmonary antibacterial host defense by down-regulating cathelicidin-related antimicrobial peptide in allergic inflammation mice and in lung epithelial cells. <i>BMC Immunology</i> , 2013, 14, 7.	2.2	30
81	Lyn Mitigates Mouse Airway Remodeling by Downregulating the TGF- $\beta$ 3 Isoform in House Dust Mite Models. <i>Journal of Immunology</i> , 2013, 191, 5359-5370.	0.8	30
82	Atg7 Enhances Host Defense against Infection via Downregulation of Superoxide but Upregulation of Nitric Oxide. <i>Journal of Immunology</i> , 2015, 194, 1112-1121.	0.8	30
83	DNA Repair Interacts with Autophagy To Regulate Inflammatory Responses to Pulmonary Hyperoxia. <i>Journal of Immunology</i> , 2017, 198, 2844-2853.	0.8	30
84	Therapeutic potential of an anti-HER2 single chain antibody-DM1 conjugates for the treatment of HER2-positive cancer. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 17015.	17.1	30
85	High-throughput screen reveals sRNAs regulating crRNA biogenesis by targeting CRISPR leader to repress Rho termination. <i>Nature Communications</i> , 2019, 10, 3728.	12.8	30
86	Gut Microbiota Regulate Gut-Lung Axis Inflammatory Responses by Mediating ILC2 Compartmental Migration. <i>Journal of Immunology</i> , 2021, 207, 257-267.	0.8	30
87	IL-6 Deficiency Exacerbates Allergic Asthma and Abrogates the Protective Effect of Allergic Inflammation against <i>Streptococcus pneumoniae</i> Pathogenesis. <i>Journal of Immunology</i> , 2020, 205, 469-479.	0.8	29
88	Epithelial exosomal contactin-1 promotes monocyte-derived dendritic cell-dominant T-cell responses in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1545-1558.	2.9	26
89	SARS-CoV-2 ORF3a Induces Incomplete Autophagy via the Unfolded Protein Response. <i>Viruses</i> , 2021, 13, 2467.	3.3	26
90	Small-Molecule Inhibitor of 8-Oxoguanine DNA Glycosylase 1 Regulates Inflammatory Responses during <i>Pseudomonas aeruginosa</i> Infection. <i>Journal of Immunology</i> , 2020, 205, 2231-2242.	0.8	25

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91	A type VI secretion system delivers a cell wall amidase to target bacterial competitors. <i>Molecular Microbiology</i> , 2020, 114, 308-321.	2.5	25
92	Reduced Graphene Oxide/Mesoporous Silica Nanocarriers for pH-Triggered Drug Release and Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 2577-2587.	4.6	25
93	Genes as Early Responders Regulate Quorum-Sensing and Control Bacterial Cooperation in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2014, 9, e101887.	2.5	24
94	Phylogenomics and Evolutionary Dynamics of the Family Actinomycetaceae. <i>Genome Biology and Evolution</i> , 2014, 6, 2625-2633.	2.5	24
95	Frequency Analysis of the Photoacoustic Signal Generated by Coronary Atherosclerotic Plaque. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2017-2025.	1.5	24
96	Activation of Pyroptosis by Membrane-Anchoring AIE Photosensitizer Design: New Prospect for Photodynamic Cancer Cell Ablation. <i>Angewandte Chemie</i> , 2021, 133, 9175-9180.	2.0	24
97	A microRNA-1280/JAG2 network comprises a novel biological target in high-risk medulloblastoma. <i>Oncotarget</i> , 2015, 6, 2709-2724.	1.8	24
98	Overexpression of GATA2 Enhances Development and Maintenance of Human Embryonic Stem Cell-Derived Hematopoietic Stem Cell-like Progenitors. <i>Stem Cell Reports</i> , 2019, 13, 31-47.	4.8	22
99	Evaluating pharmacokinetics and toxicity of luminescent quantum dots. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 1265-1277.	3.3	21
100	Lyn prevents aberrant inflammatory responses to <i>Pseudomonas</i> infection in mammalian systems by repressing a SHIP-1-associated signaling cluster. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, 16032.	17.1	21
101	<i>Klebsiella pneumoniae</i> and <i>Pseudomonas aeruginosa</i> . , 2015, , 1547-1564.		20
102	Immunological perspectives on the pathogenesis, diagnosis, prevention and treatment of COVID-19. <i>Molecular Biomedicine</i> , 2021, 2, 1.	4.4	20
103	The Effect of p38MAPK on Cyclic Stretch in Human Facial Hypertrophic Scar Fibroblast Differentiation. <i>PLoS ONE</i> , 2013, 8, e75635.	2.5	20
104	Emerging Technology Update Intravascular Photoacoustic Imaging of Vulnerable Atherosclerotic Plaque. <i>Interventional Cardiology Review</i> , 2016, 11, 120.	1.6	20
105	Inhibition of p-I $\kappa$ B $\pm$ Ubiquitylation by Autophagy-Related Gene 7 to Regulate Inflammatory Responses to Bacterial Infection. <i>Journal of Infectious Diseases</i> , 2015, 212, 1816-1826.	4.0	19
106	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 642-646.	2.0	19
107	SHIP-1 Regulates Phagocytosis and M2 Polarization Through the PI3K/Akt-STAT5-Trib1 Circuit in <i>Pseudomonas aeruginosa</i> Infection. <i>Frontiers in Immunology</i> , 2020, 11, 307.	4.8	19
108	Identification of cGAS as an innate immune sensor of extracellular bacterium <i>Pseudomonas aeruginosa</i> . <i>IScience</i> , 2021, 24, 101928.	4.1	19



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109	Development of a Nucleocapsid Protein-Based ELISA for Detection of Human IgM and IgG Antibodies to SARS-CoV-2. <i>ACS Omega</i> , 2021, 6, 9667-9671.	3.5	19
110	Lipid-Based Signaling Modulates DNA Repair Response and Survival against <i>Klebsiella pneumoniae</i> Infection in Host Cells and in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 798-807.	2.9	18
111	TRPC1 intensifies house dust mite-induced airway remodeling by facilitating epithelial-mesenchymal transition and STAT3/NF- $\kappa$ B signaling. <i>FASEB Journal</i> , 2019, 33, 1074-1085.	0.5	18
112	MicroRNA-302/367 Cluster Impacts Host Antimicrobial Defense via Regulation of Mitophagic Response Against <i>Pseudomonas aeruginosa</i> Infection. <i>Frontiers in Immunology</i> , 2020, 11, 569173.	4.8	18
113	Neutralizing Antibodies and Cellular Immune Responses Against SARS-CoV-2 Sustained One and a Half Years After Natural Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 803031.	3.5	18
114	FIP200 is Involved in Murine <i>Pseudomonas</i> Infection by Regulating HMGB1 Intracellular Translocation. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1733-1744.	1.6	17
115	A Broadband Polyvinylidene Difluoride-Based Hydrophone with Integrated Readout Circuit for Intravascular Photoacoustic Imaging. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 1239-1243.	1.5	17
116	Alteration of protein homeostasis mediates the interaction of <i>Pseudomonas aeruginosa</i> with <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2020, 114, 423-442.	2.5	17
117	Seroprevalence and asymptomatic carrier status of SARS-CoV-2 in Wuhan City and other places of China. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008975.	3.0	17
118	Towards in vivo photoacoustic imaging of vulnerable plaques in the carotid artery. <i>Biomedical Optics Express</i> , 2021, 12, 4207.	2.9	17
119	Dynamic impact of virome on colitis and colorectal cancer: Immunity, inflammation, prevention and treatment. <i>Seminars in Cancer Biology</i> , 2022, 86, 943-954.	9.6	17
120	Photosensitive Fluorescent Dye Contributes to Phototoxicity and Inflammatory Responses of Dye-doped Silica Nanoparticles in Cells and Mice. <i>Theranostics</i> , 2014, 4, 445-459.	10.0	16
121	A Silica-Gold-Silica Nanocomposite for Photothermal Therapy in the Near-Infrared Region. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 85-93.	8.0	16
122	Thermo-elastic optical coherence tomography. <i>Optics Letters</i> , 2017, 42, 3466.	3.3	16
123	Neutralizing Monoclonal Antibodies as Promising Therapeutics against Middle East Respiratory Syndrome Coronavirus Infection. <i>Viruses</i> , 2018, 10, 680.	3.3	16
124	<i>Pseudomonas aeruginosa</i> Regulatory Protein AnvM Controls Pathogenicity in Anaerobic Environments and Impacts Host Defense. <i>MBio</i> , 2019, 10, .	4.1	16
125	Methamphetamine exacerbates neuroinflammatory response to lipopolysaccharide by activating dopamine D1-like receptors. <i>International Immunopharmacology</i> , 2019, 73, 1-9.	3.8	16
126	Novel Lytic Phages Protect Cells and Mice against <i>Pseudomonas aeruginosa</i> Infection. <i>Journal of Virology</i> , 2021, 95, .	3.4	16



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127	SAFA initiates innate immunity against cytoplasmic RNA virus SFTSV infection. PLoS Pathogens, 2021, 17, e1010070.	4.7	16
128	DNA Repair Proteins as Molecular Therapeutics for Oxidative and Alkylating Lung Injury. Current Gene Therapy, 2005, 5, 225-236.	2.0	15
129	Impact of device geometry on the imaging characteristics of an intravascular photoacoustic catheter. Applied Optics, 2014, 53, 8131.	2.1	15
130	Au@Silica Nanowire Nanohybrid as a Hyperthermia Agent for Photothermal Therapy in the Near-Infrared Region. Langmuir, 2014, 30, 9514-9523.	3.5	15
131	Occurrence and Genotyping of <i>Coxiella burnetii</i> in Hedgehogs in China. Vector-Borne and Zoonotic Diseases, 2020, 20, 580-585.	1.5	15
132	Advanced Ultrasound and Photoacoustic Imaging in Cardiology. Sensors, 2021, 21, 7947.	3.8	15
133	A novel chemosynthetic peptide with $\alpha$ -sheet motif efficiently kills <i>Klebsiella pneumoniae</i> in a mouse model. International Journal of Nanomedicine, 2015, 10, 1045.	6.7	14
134	SFTS phlebovirus promotes LC3-II accumulation and nonstructural protein of SFTS phlebovirus co-localizes with autophagy proteins. Scientific Reports, 2018, 8, 5287.	3.3	14
135	Cdpr Inhibits CRISPR-Cas Adaptive Immunity to Lower Anti-viral Defense while Avoiding Self-Reactivity. IScience, 2019, 13, 55-68.	4.1	14
136	In vivo intravascular photoacoustic imaging of plaque lipid in coronary atherosclerosis. EuroIntervention, 2019, 15, 452-456.	3.2	14
137	Bats and their ectoparasites (Nycteribiidae and Spinturnicidae) carry diverse novel <i>Bartonella</i> genotypes, China. Transboundary and Emerging Diseases, 2022, 69, .	3.0	14
138	Seroprevalence of Severe Fever with Thrombocytopenia Syndrome Virus in Hedgehog from China. Vector-Borne and Zoonotic Diseases, 2017, 17, 347-350.	1.5	13
139	MPP+ decreases store-operated calcium entry and TRPC1 expression in Mesenchymal Stem Cell derived dopaminergic neurons. Scientific Reports, 2018, 8, 11715.	3.3	13
140	<i>Bartonella</i> Species Detected in Rodents from Eastern China. Vector-Borne and Zoonotic Diseases, 2019, 19, 810-814.	1.5	13
141	Microbial and genetic-based framework identifies drug targets in inflammatory bowel disease. Theranostics, 2021, 11, 7491-7506.	10.0	13
142	Detection of Multiple Intracellular Bacterial Pathogens in <i>Haemaphysalis flava</i> Ticks Collected from Hedgehogs in Central China. Pathogens, 2021, 10, 115.	2.8	13
143	Unraveling the Underlying Interaction Mechanism Between Dabie bandavirus and Innate Immune Response. Frontiers in Immunology, 2021, 12, 676861.	4.8	13
144	Development of Respiratory Stem Cells and Progenitor Cells. Stem Cells and Development, 2004, 13, 607-613.	2.1	12

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145	Biocompatible G-Quadruplex/Hemin for Enhancing Antibacterial Activity of H <sub>2</sub> O <sub>2</sub> . ACS Applied Bio Materials, 2018, 1, 1019-1027.	4.6	12
146	Molecular identification and phylogenetic analysis of Cryptosporidium, Hepatozoon and Spirometra in snakes from central China. International Journal for Parasitology: Parasites and Wildlife, 2019, 10, 274-280.	1.5	12
147	Annexin A2 regulates unfolded protein response via IRE1-XBP1 axis in macrophages during <i>P. aeruginosa</i> infection. Journal of Leukocyte Biology, 2021, 110, 375-384.	3.3	12
148	Emergence of Zika virus infection in China. PLoS Neglected Tropical Diseases, 2020, 14, e0008300.	3.0	12
149	Human-pathogenic relapsing fever Borrelia found in bats from Central China phylogenetically clustered together with relapsing fever borreliae reported in the New World. PLoS Neglected Tropical Diseases, 2021, 15, e0009113.	3.0	12
150	Bunyavirus SFTSV exploits autophagic flux for viral assembly and egress. Autophagy, 2022, 18, 1599-1612.	9.1	12
151	oprC Impairs Host Defense by Increasing the Quorum-Sensing-Mediated Virulence of Pseudomonas aeruginosa. Frontiers in Immunology, 2020, 11, 1696.	4.8	11
152	A novel nanobody specific for respiratory surfactant protein A has potential for lung targeting. International Journal of Nanomedicine, 2015, 10, 2857.	6.7	10
153	Interaction among inflammasome, autophagy and non-coding RNAs: new horizons for drug. Precision Clinical Medicine, 2019, 2, 166-182.	3.3	10
154	Coordinated regulation of anthranilate metabolism and bacterial virulence by the GntR family regulator MpaR in <i>Pseudomonas aeruginosa</i> . Molecular Microbiology, 2020, 114, 857-869.	2.5	10
155	Pleiotropic roles of late embryogenesis abundant proteins of Deinococcus radiodurans against oxidation and desiccation. Computational and Structural Biotechnology Journal, 2021, 19, 3407-3415.	4.1	10
156	Increased airway epithelial cell-derived exosomes activate macrophage-mediated allergic inflammation via CD100 shedding. Journal of Cellular and Molecular Medicine, 2021, 25, 8850-8862.	3.6	10
157	SARS-CoV-2 Delta Variant in Jingmen City, Hubei Province, China, 2021: Children Susceptible and Vaccination Breakthrough Infection. Frontiers in Microbiology, 2022, 13, 856757.	3.5	10
158	Bacterial Type I CRISPR-Cas systems influence inflammasome activation in mammalian host by promoting autophagy. Immunology, 2019, 158, 240-251.	4.4	9
159	Targeted Codelivery of Docetaxel and Atg7 siRNA for Autophagy Inhibition and Pancreatic Cancer Treatment. ACS Applied Bio Materials, 2019, 2, 1168-1176.	4.6	9
160	SFTSV Infection Induced Interleukin-1 $\beta$ Secretion Through NLRP3 Inflammasome Activation. Frontiers in Immunology, 2021, 12, 595140.	4.8	9
161	Bitter receptor TAS2R138 facilitates lipid droplet degradation in neutrophils during Pseudomonas aeruginosa infection. Signal Transduction and Targeted Therapy, 2021, 6, 210.	17.1	9
162	Leptospira in Bats from Hubei Province, China, 2018. Journal of Wildlife Diseases, 2019, 55, 940.	0.8	9

#	ARTICLE	IF	CITATIONS
163	Type III CRISPR-based RNA editing for programmable control of SARS-CoV-2 and human coronaviruses. <i>Nucleic Acids Research</i> , 2022, 50, e47-e47.	14.5	8
164	Orientia tsutsugamushi infection in rodents in Anhui Province of China. <i>Infection, Genetics and Evolution</i> , 2017, 56, 14-18.	2.3	7
165	Crosstalk Between Lung and Extrapulmonary Organs in Infection and Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1303, 333-350.	1.6	7
166	Hemin-primed dendritic cells suppress allergic airway inflammation through releasing extracellular vesicles. <i>Journal of Leukocyte Biology</i> , 2022, 111, 837-848.	3.3	7
167	Virulence Comparison of Salmonella enterica Subsp. enterica Isolates from Chicken and Whole Genome Analysis of the High Virulent Strain S. Enteritidis 211. <i>Microorganisms</i> , 2021, 9, 2239.	3.6	7
168	Detection of Leptospira interrogans in Hedgehogs from Central China. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 427-431.	1.5	6
169	Effect of vitamin B12 on cleft palate induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and dexamethasone in mice. <i>Journal of Zhejiang University: Science B</i> , 2014, 15, 289-294.	2.8	5
170	Design of Cecal Ligation and Puncture and Intranasal Infection Dual Model of Sepsis-Induced Immunosuppression. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	5
171	Sustained research fund and dedicated research center to prepare for the next pandemic. <i>Precision Clinical Medicine</i> , 2020, 3, 94-96.	3.3	5
172	Early development and functional properties of tryptase/chymase double-positive mast cells from human pluripotent stem cells. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 104-115.	3.3	5
173	Calcium-responsive kinase LadS modulates type I CRISPR-Cas adaptive immunity. <i>Biochemical and Biophysical Research Communications</i> , 2021, 546, 155-161.	2.1	5
174	Detection of Intestinal Parasites and Genetic Characterization of <i>Enterocytozoon bieneusi</i> in Hedgehogs from China. <i>Vector-Borne and Zoonotic Diseases</i> , 2021, 21, 63-66.	1.5	4
175	Misdiagnosis of scrub typhus as hemorrhagic fever with renal syndrome and potential co-infection of both diseases in patients in Shandong Province, China, 2013-2014. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009270.	3.0	4
176	Integrated transcriptome profiling in THP-1 macrophages infected with bunyavirus SFTSV. <i>Virus Research</i> , 2021, 306, 198594.	2.2	4
177	High prevalence and genetic diversity of hepatitis B viruses in insectivorous bats from China. <i>Acta Tropica</i> , 2019, 199, 105130.	2.0	3
178	Suggestive Serological Evidence of Infection with Shrew-Borne Imjin Virus (Hantaviridae) in Humans. <i>Viruses</i> , 2019, 11, 1128.	3.3	3
179	Calling for a united action to defeat COVID-19. <i>Precision Clinical Medicine</i> , 2020, 3, 235-239.	3.3	3
180	Apolipoprotein E in Asthmatic Inflammatory Response: Friend or Foe?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 141-143.	2.9	3

#	ARTICLE	IF	CITATIONS
181	Lithium-induced overexpression of $\beta$ -catenin delays murine palatal shelf elevation by Cdc42 mediated F-actin remodeling in mesenchymal cells. Birth Defects Research, 2021, 113, 427-438.	1.5	3
182	Repurposable drugs for SARS-CoV-2 and influenza sepsis with scRNA-seq data targeting post-transcription modifications. Precision Clinical Medicine, 2021, 4, 215-230.	3.3	3
183	Human-viral chimera: a novel protein affecting viral virulence and driving host T-cell immunity. Signal Transduction and Targeted Therapy, 2020, 5, 167.	17.1	2
184	CRISPR base editor treats premature-aging syndrome. Signal Transduction and Targeted Therapy, 2021, 6, 158.	17.1	2
185	Catheter design optimization for practical intravascular photoacoustic imaging (IVPA) of vulnerable plaques. , 2018, , .		2
186	SVD-based filtering to detect intraplaque hemorrhage using single wavelength photoacoustic imaging. Journal of Biomedical Optics, 2021, 26, .	2.6	2
187	Applying the Moving Epidemic Method to Establish the Influenza Epidemic Thresholds and Intensity Levels for Age-Specific Groups in Hubei Province, China. International Journal of Environmental Research and Public Health, 2022, 19, 1677.	2.6	2
188	Prokaryotic gasdermins: ancestors of eukaryotic counterparts direct the pyroptosis and cell fates. Signal Transduction and Targeted Therapy, 2022, 7, 152.	17.1	2
189	CCAAT/Enhancer-Binding Protein $\beta$ . American Journal of Pathology, 2013, 182, 1459-1460.	3.8	1
190	Protective Role of Rho Guanosine Diphosphate Dissociation Inhibitor, Ly-GDI, in Pulmonary Alveolitis. PLoS ONE, 2015, 10, e0140804.	2.5	1
191	Editorial: NFAT signaling: no FAT as new weapon to fight shock. Journal of Leukocyte Biology, 2015, 97, 997-999.	3.3	1
192	Fossicking for microbial defense system: novel antiviral immunity. Signal Transduction and Targeted Therapy, 2020, 5, 281.	17.1	1
193	Fc $\gamma$ RIIb blockage: a promising immunotherapy target for severe COVID-19. Signal Transduction and Targeted Therapy, 2021, 6, 147.	17.1	1
194	An improved Western blotting technique effectively reduces background. , 2002, 23, 2373.		1
195	in Bats from Hubei Province, China, 2018. Journal of Wildlife Diseases, 2019, 55, 940-943.	0.8	1
196	Automatic lipid detection in human coronary atherosclerosis using spectroscopic intravascular photoacoustic imaging. , 2012, , .		0
197	Short pulse laser induced thermo-elastic deformation imaging. Proceedings of SPIE, 2017, , .	0.8	0
198	Response to Comment on "DNA Repair Interacts with Autophagy To Regulate Inflammatory Responses to Pulmonary Hyperoxia". Journal of Immunology, 2017, 199, 381.2-382.	0.8	0

#	ARTICLE	IF	CITATIONS
199	Detecting Cardiac Infarction Risk Reliably Using Fast Laser Pulses. Optik & Photonik, 2017, 12, 26-29.	0.2	0
200	Novel Super-Regulators of Quorum Sensing in Pseudomonas aeruginosa. , 2018, , 261-270.		0
201	CRISPR-Cas Systems Regulate Quorum Sensing Genes and Alter Virulence in Bacteria. , 2018, , 143-150.		0
202	Jumping on the Single-Cell RNA-Sequencing Bandwagon: Take Care Not to Put the Cart before the Horse. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 267-267.	2.9	0
203	A Tuberculosis Outbreak During the COVID-19 Pandemic “ Hubei Province, China, 2020. China CDC Weekly, 2021, 3, 562-565.	2.3	0
204	CRISPR-Cas Systems Regulate Quorum Sensing Genes and Alter Virulence in Bacteria. , 2018, , 223-230.		0
205	Intraplaque haemorrhage detection using single-wavelength PAI and singular value decomposition in the carotid artery. , 2019, , .		0