

Min Wu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1794968/min-wu-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

198
papers

9,584
citations

40
h-index

95
g-index

213
ext. papers

12,186
ext. citations

8.3
avg, IF

6.23
L-index

#	Paper	IF	Citations
198	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
197	Applications of genome editing technology in the targeted therapy of human diseases: mechanisms, advances and prospects. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 1	21	579
196	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. <i>Nature</i> , 2020 , 586, 572-577	50.4	348
195	Fabrication of highly fluorescent graphene quantum dots using L-glutamic acid for / imaging and sensing. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4676-4684	7.1	319
194	A macromolecular approach to eradicate multidrug resistant bacterial infections while mitigating drug resistance onset. <i>Nature Communications</i> , 2018 , 9, 917	17.4	186
193	Aptamers: active targeting ligands for cancer diagnosis and therapy. <i>Theranostics</i> , 2015 , 5, 322-44	12.1	178
192	Cationic nanocarriers induce cell necrosis through impairment of Na(+)/K(+)-ATPase and cause subsequent inflammatory response. <i>Cell Research</i> , 2015 , 25, 237-53	24.7	162
191	Autophagy plays an essential role in the clearance of <i>Pseudomonas aeruginosa</i> by alveolar macrophages. <i>Journal of Cell Science</i> , 2012 , 125, 507-15	5.3	133
190	Recent development of silica nanoparticles as delivery vectors for cancer imaging and therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 297-312	6	116
189	Bioengineering Bacterial Vesicle-Coated Polymeric Nanomedicine for Enhanced Cancer Immunotherapy and Metastasis Prevention. <i>Nano Letters</i> , 2020 , 20, 11-21	11.5	89
188	Proteome-wide quantification and characterization of oxidation-sensitive cysteines in pathogenic bacteria. <i>Cell Host and Microbe</i> , 2013 , 13, 358-70	23.4	88
187	Photoacoustic imaging of human coronary atherosclerosis in two spectral bands. <i>Photoacoustics</i> , 2014 , 2, 12-20	9	86
186	Atg7 Deficiency Intensifies Inflammasome Activation and Pyroptosis in Sepsis. <i>Journal of Immunology</i> , 2017 , 198, 3205-3213	5.3	83
185	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 632-636	16.4	81
184	Novel coronavirus infection in newborn babies aged . <i>European Respiratory Journal</i> , 2020 , 55,	13.6	81
183	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, 853-64.e9	13.3	74
182	FGFR4 promotes stroma-induced epithelial-to-mesenchymal transition in colorectal cancer. <i>Cancer Research</i> , 2013 , 73, 5926-35	10.1	74

181	MicroRNA-302b augments host defense to bacteria by regulating inflammatory responses via feedback to TLR/IRAK4 circuits. <i>Nature Communications</i> , 2014 , 5, 3619	17.4	72
180	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, L326-37	5.8	71
179	miRNAs reshape immunity and inflammatory responses in bacterial infection. <i>Signal Transduction and Targeted Therapy</i> , 2018 , 3, 14	21	71
178	PDLIM1 Stabilizes the E-Cadherin/ECatenin Complex to Prevent Epithelial-Mesenchymal Transition and Metastatic Potential of Colorectal Cancer Cells. <i>Cancer Research</i> , 2016 , 76, 1122-34	10.1	69
177	Type I CRISPR-Cas targets endogenous genes and regulates virulence to evade mammalian host immunity. <i>Cell Research</i> , 2016 , 26, 1273-1287	24.7	67
176	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	11.5	65
175	Real-time volumetric lipid imaging in vivo by intravascular photoacoustics at 20 frames per second. <i>Biomedical Optics Express</i> , 2017 , 8, 943-953	3.5	60
174	Annexin A2 Regulates Autophagy in <i>Pseudomonas aeruginosa</i> Infection through the Akt1-mTOR-ULK1/2 Signaling Pathway. <i>Journal of Immunology</i> , 2015 , 195, 3901-11	5.3	58
173	Spectroscopic intravascular photoacoustic imaging of lipids in atherosclerosis. <i>Journal of Biomedical Optics</i> , 2014 , 19, 026006	3.5	57
172	Activation of Pyroptosis by Membrane-Anchoring AIE Photosensitizer Design: New Prospect for Photodynamic Cancer Cell Ablation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9093-9098	16.4	57
171	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	10.2	53
170	MEG3-4 is a miRNA decoy that regulates IL-1 β abundance to initiate and then limit inflammation to prevent sepsis during lung infection. <i>Science Signaling</i> , 2018 , 11,	8.8	51
169	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	6	49
168	Lipid detection in atherosclerotic human coronaries by spectroscopic intravascular photoacoustic imaging. <i>Optics Express</i> , 2013 , 21, 21472-84	3.3	47
167	Specific imaging of atherosclerotic plaque lipids with two-wavelength intravascular photoacoustics. <i>Biomedical Optics Express</i> , 2015 , 6, 3276-86	3.5	46
166	Surface-Layer Protein-Enhanced Immunotherapy Based on Cell Membrane-Coated Nanoparticles for the Effective Inhibition of Tumor Growth and Metastasis. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9850-9859	9.5	46
165	Molecular mechanisms of master regulator VqsM mediating quorum-sensing and antibiotic resistance in <i>Pseudomonas aeruginosa</i> . <i>Nucleic Acids Research</i> , 2014 , 42, 10307-20	20.1	45
164	Lyn Delivers Bacteria to Lysosomes for Eradication through TLR2-Initiated Autophagy Related Phagocytosis. <i>PLoS Pathogens</i> , 2016 , 12, e1005363	7.6	43

163	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	24.7	42
162	Annexin A2 Modulates ROS and Impacts Inflammatory Response via IL-17 Signaling in Polymicrobial Sepsis Mice. <i>PLoS Pathogens</i> , 2016 , 12, e1005743	7.6	42
161	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	3.7	41
160	Annexin A2 binds to endosomes and negatively regulates TLR4-triggered inflammatory responses via the TRAM-TRIF pathway. <i>Scientific Reports</i> , 2015 , 5, 15859	4.9	40
159	Biodegradable Antimicrobial Polycarbonates with In Vivo Efficacy against Multidrug-Resistant MRSA Systemic Infection. <i>Advanced Healthcare Materials</i> , 2015 , 4, 2128-2136	10.1	40
158	<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	26.6	39
157	A <i>Pseudomonas aeruginosa</i> type VI secretion system regulated by CueR facilitates copper acquisition. <i>PLoS Pathogens</i> , 2019 , 15, e1008198	7.6	37
156	Metabolic and molecular insights into an essential role of nicotinamide phosphoribosyltransferase. <i>Cell Death and Disease</i> , 2017 , 8, e2705	9.8	36
155	Coinfection of SARS-CoV-2 and multiple respiratory pathogens in children. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1160-1161	5.9	36
154	Photosensitizer-Bacteria Biohybrids Promote Photodynamic Cancer Cell Ablation and Intracellular Protein Delivery. <i>Chemistry of Materials</i> , 2019 , 31, 7212-7220	9.6	35
153	Targeting folate receptor β -positive tumor-associated macrophages in lung cancer with a folate-modified liposomal complex. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 6	21	34
152	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	6	34
151	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	9.7	33
150	Targeted therapies in gynecological cancers: a comprehensive review of clinical evidence. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 137	21	33
149	CRISPR-Cas13 Inhibitors Block RNA Editing in Bacteria and Mammalian Cells. <i>Molecular Cell</i> , 2020 , 78, 850-861.e5	17.6	32
148	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	7.6	32
147	Synthesis of Tridecaptin-Antibiotic Conjugates with in Vivo Activity against Gram-Negative Bacteria. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 9779-85	8.3	31
146	Lyn regulates inflammatory responses in <i>Klebsiella pneumoniae</i> infection via the p38/NF-B pathway. <i>European Journal of Immunology</i> , 2014 , 44, 763-73	6.1	31

145	<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, 4509-18	3.7	31
144	The Crc protein participates in down-regulation of the Lon gene to promote rhamnolipid production and rhl quorum sensing in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2015 , 96, 526-47 ¹		30
143	Global Prevalence of Asymptomatic Norovirus Infection: A Meta-analysis. <i>EClinicalMedicine</i> , 2018 , 2-3, 50-58	11.3	30
142	Heme oxygenase-1 protects airway epithelium against apoptosis by targeting the proinflammatory NLRP3-RXR axis in asthma. <i>Journal of Biological Chemistry</i> , 2018 , 293, 18454-18465	5.4	30
141	HClO-Activated Fluorescence and Photosensitization from an AIE Nanoprobe for Image-Guided Bacterial Ablation in Phagocytes. <i>Advanced Materials</i> , 2020 , 32, e2005222	24	27
140	Steady-state hydrogen peroxide induces glycolysis in <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2014 , 196, 2499-513	3.5	26
139	Atg7 Knockdown Augments Concanavalin A-Induced Acute Hepatitis through an ROS-Mediated p38/MAPK Pathway. <i>PLoS ONE</i> , 2016 , 11, e0149754	3.7	26
138	Lyn mitigates mouse airway remodeling by downregulating the TGF- β isoform in house dust mite models. <i>Journal of Immunology</i> , 2013 , 191, 5359-70	5.3	25
137	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	21	25
136	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	21	24
135	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, L355-63	5.8	24
134	Nucleolin Is a Functional Binding Protein for Salinomycin in Neuroblastoma Stem Cells. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3613-3622	16.4	23
133	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	10.8	23
132	Atg7 enhances host defense against infection via downregulation of superoxide but upregulation of nitric oxide. <i>Journal of Immunology</i> , 2015 , 194, 1112-21	5.3	23
131	Nitrogen/Sulfur-Doped Graphene Quantum Dots with Metal Ion-Resistance for Bioimaging. <i>ACS Applied Nano Materials</i> , 2019 , 2, 6858-6865	5.6	23
130	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	3.7	23
129	CCAAT/enhancer-binding protein β is a critical mediator of lipopolysaccharide-induced acute lung injury. <i>American Journal of Pathology</i> , 2013 , 182, 420-30	5.8	23
128	Broad DNA repair responses in neural injury are associated with activation of the IL-6 pathway in cholesterol-fed rabbits. <i>Journal of Neurochemistry</i> , 2009 , 111, 1011-21	6	23

127	Lyn kinase represses mucus hypersecretion by regulating IL-13-induced endoplasmic reticulum stress in asthma. <i>EBioMedicine</i> , 2017 , 15, 137-149	8.8	22
126	CRISPR- of Upregulates Bacterial Biofilm Formation and Virulence to Host Cells by Targeting Quorum-Sensing Systems. <i>Pathogens</i> , 2020 , 9,	4.5	22
125	DNA Repair Interacts with Autophagy To Regulate Inflammatory Responses to Pulmonary Hyperoxia. <i>Journal of Immunology</i> , 2017 , 198, 2844-2853	5.3	21
124	Airway epithelial TSLP production of TLR2 drives type 2 immunity in allergic airway inflammation. <i>European Journal of Immunology</i> , 2018 , 48, 1838-1850	6.1	21
123	The role of lysosome in regulated necrosis. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 1880-1903	15.5	20
122	Lyn regulates mucus secretion and MUC5AC via the STAT6 signaling pathway during allergic airway inflammation. <i>Scientific Reports</i> , 2017 , 7, 42675	4.9	19
121	Transient Receptor Potential Channel 1 Deficiency Impairs Host Defense and Proinflammatory Responses to Bacterial Infection by Regulating Protein Kinase C Signaling. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2729-39	4.8	19
120	Frequency Analysis of the Photoacoustic Signal Generated by Coronary Atherosclerotic Plaque. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 2017-25	3.5	19
119	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	8	18
118	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	21	18
117	High-throughput screen reveals sRNAs regulating crRNA biogenesis by targeting CRISPR leader to repress Rho termination. <i>Nature Communications</i> , 2019 , 10, 3728	17.4	18
116	Evaluating pharmacokinetics and toxicity of luminescent quantum dots. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013 , 9, 1265-77	5.5	18
115	A microRNA-1280/JAG2 network comprises a novel biological target in high-risk medulloblastoma. <i>Oncotarget</i> , 2015 , 6, 2709-24	3.3	18
114	Mechanistic research holds promise for bacterial vaccines and phage therapies for. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 909-924	4.4	17
113	Emerging Technology Update Intravascular Photoacoustic Imaging of Vulnerable Atherosclerotic Plaque. <i>Interventional Cardiology Review</i> , 2016 , 11, 120-123	4.2	16
112	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. <i>Angewandte Chemie</i> , 2020 , 132, 642-646	3.6	16
111	Phylogenomics and evolutionary dynamics of the family Actinomycetaceae. <i>Genome Biology and Evolution</i> , 2014 , 6, 2625-33	3.9	15
110	Inhibition of p-IB κ Ubiquitylation by Autophagy-Related Gene 7 to Regulate Inflammatory Responses to Bacterial Infection. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1816-26	7	14

109	A silica-gold-silica nanocomposite for photothermal therapy in the near-infrared region. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 85-93	9.5	14
108	TRPC1 intensifies house dust mite-induced airway remodeling by facilitating epithelial-to-mesenchymal transition and STAT3/NF- κ B signaling. <i>FASEB Journal</i> , 2019 , 33, 1074-1085	0.9	14
107	Impact of device geometry on the imaging characteristics of an intravascular photoacoustic catheter. <i>Applied Optics</i> , 2014 , 53, 8131-9	0.2	14
106	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	5.7	14
105	DNA repair proteins as molecular therapeutics for oxidative and alkylating lung injury. <i>Current Gene Therapy</i> , 2005 , 5, 225-36	4.3	14
104	Reduced Graphene Oxide/Mesoporous Silica Nanocarriers for pH-Triggered Drug Release and Photothermal Therapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2577-2587	4.1	14
103	Neutralizing Monoclonal Antibodies as Promising Therapeutics against Middle East Respiratory Syndrome Coronavirus Infection. <i>Viruses</i> , 2018 , 10,	6.2	14
102	IL-6 Deficiency Exacerbates Allergic Asthma and Abrogates the Protective Effect of Allergic Inflammation against Pathogenesis. <i>Journal of Immunology</i> , 2020 , 205, 469-479	5.3	13
101	A Broadband Polyvinylidene Difluoride-Based Hydrophone with Integrated Readout Circuit for Intravascular Photoacoustic Imaging. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 1239-43	3.5	13
100	Au-Silica nanowire nanohybrid as a hyperthermia agent for photothermal therapy in the near-infrared region. <i>Langmuir</i> , 2014 , 30, 9514-23	4	13
99	Photosensitive fluorescent dye contributes to phototoxicity and inflammatory responses of dye-doped silica NPs in cells and mice. <i>Theranostics</i> , 2014 , 4, 445-59	12.1	12
98	FIP200 is involved in murine <i>Pseudomonas</i> infection by regulating HMGB1 intracellular translocation. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 1733-44	3.9	12
97	The effect of p38MAPK on cyclic stretch in human facial hypertrophic scar fibroblast differentiation. <i>PLoS ONE</i> , 2013 , 8, e75635	3.7	12
96	SHIP-1 Regulates Phagocytosis and M2 Polarization Through the PI3K/Akt-STAT5-Trib1 Circuit in Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 307	8.4	12
95	MPP decreases store-operated calcium entry and TRPC1 expression in Mesenchymal Stem Cell derived dopaminergic neurons. <i>Scientific Reports</i> , 2018 , 8, 11715	4.9	11
94	A novel chemosynthetic peptide with E-sheet motif efficiently kills <i>Klebsiella pneumoniae</i> in a mouse model. <i>International Journal of Nanomedicine</i> , 2015 , 10, 1045-59	7.3	11
93	Genes as early responders regulate quorum-sensing and control bacterial cooperation in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2014 , 9, e101887	3.7	11
92	Development of respiratory stem cells and progenitor cells. <i>Stem Cells and Development</i> , 2004 , 13, 607-14	1.4	11

91	In vivo intravascular photoacoustic imaging of plaque lipid in coronary atherosclerosis. <i>EuroIntervention</i> , 2019 , 15, 452-456	3.1	11
90	Lyn prevents aberrant inflammatory responses to infection in mammalian systems by repressing a SHIP-1-associated signaling cluster. <i>Signal Transduction and Targeted Therapy</i> , 2016 , 1, 16032	2.1	11
89	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	4.8	11
88	Methamphetamine exacerbates neuroinflammatory response to lipopolysaccharide by activating dopamine D1-like receptors. <i>International Immunopharmacology</i> , 2019 , 73, 1-9	5.8	10
87	A type VI secretion system delivers a cell wall amidase to target bacterial competitors. <i>Molecular Microbiology</i> , 2020 , 114, 308-321	4.1	10
86	<i>Pseudomonas aeruginosa</i> Regulatory Protein AnvM Controls Pathogenicity in Anaerobic Environments and Impacts Host Defense. <i>MBio</i> , 2019 , 10,	7.8	10
85	<i>Pseudomonas aeruginosa</i> T6SS-mediated molybdate transport contributes to bacterial competition during anaerobiosis. <i>Cell Reports</i> , 2021 , 35, 108957	10.6	10
84	Biocompatible G-Quadruplex/Hemin for Enhancing Antibacterial Activity of HO.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1019-1027	4.1	10
83	A novel nanobody specific for respiratory surfactant protein A has potential for lung targeting. <i>International Journal of Nanomedicine</i> , 2015 , 10, 2857-69	7.3	9
82	Activation of Pyroptosis by Membrane-Anchoring AIE Photosensitizer Design: New Prospect for Photodynamic Cancer Cell Ablation. <i>Angewandte Chemie</i> , 2021 , 133, 9175-9180	3.6	9
81	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	4.1	9
80	Seroprevalence of Severe Fever with Thrombocytopenia Syndrome Virus in Hedgehog from China. <i>Vector-Borne and Zoonotic Diseases</i> , 2017 , 17, 347-350	2.4	8
79	Thermo-elastic optical coherence tomography. <i>Optics Letters</i> , 2017 , 42, 3466-3469	3	8
78	<i>Klebsiella pneumoniae</i> and <i>Pseudomonas aeruginosa</i> 2015 , 1547-1564		7
77	Emergence of Zika virus infection in China. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008300	4.8	7
76	SFTS phlebovirus promotes LC3-II accumulation and nonstructural protein of SFTS phlebovirus co-localizes with autophagy proteins. <i>Scientific Reports</i> , 2018 , 8, 5287	4.9	7
75	Interaction among inflammasome, autophagy and non-coding RNAs: new horizons for drug. <i>Precision Clinical Medicine</i> , 2019 , 2, 166-182	6.7	7
74	Impairs Host Defense by Increasing the Quorum-Sensing-Mediated Virulence of. <i>Frontiers in Immunology</i> , 2020 , 11, 1696	8.4	7

73	CdpR Inhibits CRISPR-Cas Adaptive Immunity to Lower Anti-viral Defense while Avoiding Self-Reactivity. <i>IScience</i> , 2019 , 13, 55-68	6.1	7
72	Occurrence and Genotyping of in Hedgehogs in China. <i>Vector-Borne and Zoonotic Diseases</i> , 2020 , 20, 580-585	2.4	7
71	mRNA-based therapeutics: powerful and versatile tools to combat diseases. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7,	21	7
70	Species Detected in Rodents from Eastern China. <i>Vector-Borne and Zoonotic Diseases</i> , 2019 , 19, 810-814	2.4	6
69	Molecular identification and phylogenetic analysis of , and in snakes from central China. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019 , 10, 274-280	2.6	6
68	Small-Molecule Inhibitor of 8-Oxoguanine DNA Glycosylase 1 Regulates Inflammatory Responses during Infection. <i>Journal of Immunology</i> , 2020 , 205, 2231-2242	5.3	6
67	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	11.5	6
66	Microbial and genetic-based framework identifies drug targets in inflammatory bowel disease. <i>Theranostics</i> , 2021 , 11, 7491-7506	12.1	6
65	Immunological perspectives on the pathogenesis, diagnosis, prevention and treatment of COVID-19. <i>Molecular Biomedicine</i> , 2021 , 2, 1	3.1	6
64	Sustained research fund and dedicated research center to prepare for the next pandemic. <i>Precision Clinical Medicine</i> , 2020 , 3, 94-96	6.7	5
63	Bacterial Type I CRISPR-Cas systems influence inflammasome activation in mammalian host by promoting autophagy. <i>Immunology</i> , 2019 , 158, 240-251	7.8	5
62	Novel Lytic Phages Protect Cells and Mice against Infection. <i>Journal of Virology</i> , 2021 ,	6.6	5
61	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	3.9	5
60	Applications and challenges of CRISPR-Cas gene-editing to disease treatment in clinics. <i>Precision Clinical Medicine</i> , 2021 , 4, 179-191	6.7	5
59	Targeted Codelivery of Docetaxel and Atg7 siRNA for Autophagy Inhibition and Pancreatic Cancer Treatment.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1168-1176	4.1	5
58	Orientia tsutsugamushi infection in rodents in Anhui Province of China. <i>Infection, Genetics and Evolution</i> , 2017 , 56, 14-18	4.5	4
57	Design of Cecal Ligation and Puncture and Intranasal Infection Dual Model of Sepsis-Induced Immunosuppression. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	4
56	Detection of in Hedgehogs from Central China. <i>Vector-Borne and Zoonotic Diseases</i> , 2020 , 20, 427-431	2.4	4

55	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, 289-94	4.5	4
54	Dynamic impact of virome on colitis and colorectal cancer: Immunity, inflammation, prevention and treatment. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	4
53	MicroRNA-302/367 Cluster Impacts Host Antimicrobial Defense via Regulation of Mitophagic Response Against Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 569173	8.4	4
52	Unraveling the Underlying Interaction Mechanism Between and Innate Immune Response. <i>Frontiers in Immunology</i> , 2021 , 12, 676861	8.4	4
51	Towards in vivo photoacoustic imaging of vulnerable plaques in the carotid artery. <i>Biomedical Optics Express</i> , 2021 , 12, 4207-4218	3.5	4
50	Gut Microbiota Regulate Gut-Lung Axis Inflammatory Responses by Mediating ILC2 Compartmental Migration. <i>Journal of Immunology</i> , 2021 ,	5.3	4
49	High prevalence and genetic diversity of hepatitis B viruses in insectivorous bats from China. <i>Acta Tropica</i> , 2019 , 199, 105130	3.2	3
48	Direct Synthesis of Photosensitizable Bacterial Cellulose as Engineered Living Material for Skin Wound Repair.. <i>Advanced Materials</i> , 2022 , e2109010	24	3
47	SAFA initiates innate immunity against cytoplasmic RNA virus SFTSV infection. <i>PLoS Pathogens</i> , 2021 , 17, e1010070	7.6	3
46	Advanced Ultrasound and Photoacoustic Imaging in Cardiology. <i>Sensors</i> , 2021 , 21,	3.8	3
45	Calling for a united action to defeat COVID-19. <i>Precision Clinical Medicine</i> , 2020 , 3, 235-239	6.7	3
44	Annexin A2 regulates unfolded protein response via IRE1-XBP1 axis in macrophages during <i>P. aeruginosa</i> infection. <i>Journal of Leukocyte Biology</i> , 2021 , 110, 375-384	6.5	3
43	Coordinated regulation of anthranilate metabolism and bacterial virulence by the GntR family regulator MpaR in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2020 , 114, 857-869	4.1	3
42	Bitter receptor TAS2R138 facilitates lipid droplet degradation in neutrophils during <i>Pseudomonas aeruginosa</i> infection. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 210	21	3
41	Detection of Multiple Intracellular Bacterial Pathogens in Ticks Collected from Hedgehogs in Central China. <i>Pathogens</i> , 2021 , 10,	4.5	3
40	Human-pathogenic relapsing fever <i>Borrelia</i> found in bats from Central China phylogenetically clustered together with relapsing fever borreliae reported in the New World. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009113	4.8	3
39	Increased airway epithelial cell-derived exosomes activate macrophage-mediated allergic inflammation via CD100 shedding. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 8850-8862	5.6	3
38	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	5.7	3

37	Catheter design optimization for practical intravascular photoacoustic imaging (IVPA) of vulnerable plaques 2018 ,		2
36	Leptospira in Bats from Hubei Province, China, 2018. <i>Journal of Wildlife Diseases</i> , 2019 , 55, 940	1.3	2
35	Calcium-responsive kinase LadS modulates type I-F CRISPR-Cas adaptive immunity. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 546, 155-161	3.4	2
34	Detection of Intestinal Parasites and Genetic Characterization of in Hedgehogs from China. <i>Vector-Borne and Zoonotic Diseases</i> , 2021 , 21, 63-66	2.4	2
33	Identification of cGAS as an innate immune sensor of extracellular bacterium. <i>IScience</i> , 2021 , 24, 1019286.1		2
32	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	6.3	2
31	Pleiotropic roles of late embryogenesis abundant proteins of against oxidation and desiccation. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 3407-3415	6.8	2
30	SARS-CoV-2 ORF3a Induces Incomplete Autophagy via the Unfolded Protein Response.. <i>Viruses</i> , 2021 , 13,	6.2	2
29	SARS-CoV-2 Delta Variant in Jingmen City, Hubei Province, China, 2021: Children Susceptible and Vaccination Breakthrough Infection.. <i>Frontiers in Microbiology</i> , 2022 , 13, 856757	5.7	2
28	Protective Role of Rho Guanosine Diphosphate Dissociation Inhibitor, Ly-GDI, in Pulmonary Alveolitis. <i>PLoS ONE</i> , 2015 , 10, e0140804	3.7	1
27	Retraction for Zhao et al., Pseudomonas aeruginosa outer membrane vesicles modulate host immune responses by targeting the toll-like receptor 4 signaling pathway. <i>Infection and Immunity</i> , 2015 , 83, 2198	3.7	1
26	Type III CRISPR-based RNA editing for programmable control of SARS-CoV-2 and human coronaviruses.. <i>Nucleic Acids Research</i> , 2022 ,	20.1	1
25	Bunyavirus SFTSV exploits autophagic flux for viral assembly and egress. <i>Autophagy</i> , 2021 , 1-14	10.2	1
24	Virulence Comparison of Subsp. Isolates from Chicken and Whole Genome Analysis of the High Virulent Strain . Enteritidis 211. <i>Microorganisms</i> , 2021 , 9,	4.9	1
23	Hemin-primed dendritic cells suppress allergic airway inflammation through releasing extracellular vesicles. <i>Journal of Leukocyte Biology</i> , 2021 ,	6.5	1
22	Suggestive Serological Evidence of Infection with Shrew-Borne Imjin Virus () in Humans. <i>Viruses</i> , 2019 , 11,	6.2	1
21	Crosstalk Between Lung and Extrapulmonary Organs in Infection and Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1303, 333-350	3.6	1
20	SFTSV Infection Induced Interleukin-1 β Secretion Through NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2021 , 12, 595140	8.4	1

19	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	4.8	1
18	An improved Western blotting technique effectively reduces background 2002 , 23, 2373		1
17	in Bats from Hubei Province, China, 2018. <i>Journal of Wildlife Diseases</i> , 2019 , 55, 940-943	1.3	1
16	CCAAT/enhancer-binding protein β multifaceted regulator in respiratory disease. <i>American Journal of Pathology</i> , 2013 , 182, 1459	5.8	0
15	Integrated transcriptome profiling in THP-1 macrophages infected with bunyavirus SFTSV. <i>Virus Research</i> , 2021 , 306, 198594	6.4	0
14	Fossicking for microbial defense system: novel antiviral immunity. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 281	21	0
13	Human-viral chimera: a novel protein affecting viral virulence and driving host T-cell immunity. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 167	21	0
12	Fc γ RIIb blockage: a promising immunotherapy target for severe COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 147	21	0
11	CRISPR base editor treats premature-aging syndrome. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 158	21	0
10	Lithium-induced overexpression of Ecatenin delays murine palatal shelf elevation by Cdc-42 mediated F-actin remodeling in mesenchymal cells. <i>Birth Defects Research</i> , 2021 , 113, 427-438	2.9	0
9	Repurposable drugs for SARS-CoV-2 and influenza sepsis with scRNA-seq data targeting post-transcription modifications.. <i>Precision Clinical Medicine</i> , 2021 , 4, 215-230	6.7	0
8	Jumping on the Single-Cell RNA-Sequencing Bandwagon: Take Care Not to Put the Cart before the Horse. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 267	5.7	
7	Novel Super-Regulators of Quorum Sensing in <i>Pseudomonas aeruginosa</i> 2018 , 261-270		
6	CRISPR-Cas Systems Regulate Quorum Sensing Genes and Alter Virulence in Bacteria 2018 , 143-150		
5	Response to Comment on "DNA Repair Interacts with Autophagy To Regulate Inflammatory Responses to Pulmonary Hyperoxia". <i>Journal of Immunology</i> , 2017 , 199, 381-382	5.3	
4	Detecting Cardiac Infarction Risk Reliably Using Fast Laser Pulses. <i>Optik & Photonik</i> , 2017 , 12, 26-29		
3	CRISPR-Cas Systems Regulate Quorum Sensing Genes and Alter Virulence in Bacteria 2018 , 223-230		
2	A Tuberculosis Outbreak During the COVID-19 Pandemic - Hubei Province, China, 2020. <i>China CDC Weekly</i> , 2021 , 3, 562-565	4	

- 1 Prokaryotic gasdermins: ancestors of eukaryotic counterparts direct the pyroptosis and cell fates.. *Signal Transduction and Targeted Therapy*, **2022**, 7, 152 21