Yanling Wu

List of Publications by Year
in descending order

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40 papers	3,113 citations	430442 18 h-index	329751 37 g-index
41 all docs	41 docs citations	41 times ranked	6849 citing authors

#	Article	IF	Citations
1	Potent binding of 2019 novel coronavirus spike protein by a SARS coronavirus-specific human monoclonal antibody. Emerging Microbes and Infections, 2020, 9, 382-385.	3.0	1,086
2	Fusion mechanism of 2019-nCoV and fusion inhibitors targeting HR1 domain in spike protein. Cellular and Molecular Immunology, 2020, 17, 765-767.	4.8	564
3	Identification of Human Single-Domain Antibodies against SARS-CoV-2. Cell Host and Microbe, 2020, 27, 891-898.e5.	5.1	227
4	Linear epitopes of SARS-CoV-2 spike protein elicit neutralizing antibodies in COVID-19 patients. Cellular and Molecular Immunology, 2020, 17, 1095-1097.	4.8	168
5	RBD-Fc-based COVID-19 vaccine candidate induces highly potent SARS-CoV-2 neutralizing antibody response. Signal Transduction and Targeted Therapy, 2020, 5, 282.	7.1	149
6	Human-IgG-Neutralizing Monoclonal Antibodies Block the SARS-CoV-2 Infection. Cell Reports, 2020, 32, 107918.	2.9	148
7	Enhancement versus neutralization by SARS-CoV-2 antibodies from a convalescent donor associates with distinct epitopes on the RBD. Cell Reports, 2021, 34, 108699.	2.9	110
8	Broad neutralization of SARS-CoV-2 variants by an inhalable bispecific single-domain antibody. Cell, 2022, 185, 1389-1401.e18.	13.5	82
9	Single-Domain Antibodies As Therapeutics against Human Viral Diseases. Frontiers in Immunology, 2017, 8, 1802.	2.2	78
10	Ultrasensitive Detection of SARS-CoV-2 Antibody by Graphene Field-Effect Transistors. Nano Letters, 2021, 21, 7897-7904.	4.5	64
11	A Potent Germline-like Human Monoclonal Antibody Targets a pH-Sensitive Epitope on H7N9 Influenza Hemagglutinin. Cell Host and Microbe, 2017, 22, 471-483.e5.	5.1	48
12	Ultraprecise Antigen 10-in-1 Pool Testing by Multiantibodies Transistor Assay. Journal of the American Chemical Society, 2021, 143, 19794-19801.	6.6	48
13	Neutralization of Zika virus by germline-like human monoclonal antibodies targeting cryptic epitopes on envelope domain III. Emerging Microbes and Infections, 2017, 6, 1-11.	3.0	41
14	A broadly neutralizing germline-like human monoclonal antibody against dengue virus envelope domain III. PLoS Pathogens, 2019, 15, e1007836.	2.1	32
15	PotentIn VivoNK Cell-Mediated Elimination of HIV-1-Infected Cells Mobilized by a gp120-Bispecific and Hexavalent Broadly Neutralizing Fusion Protein. Journal of Virology, 2017, 91, .	1.5	31
16	The impact of receptor-binding domain natural mutations on antibody recognition of SARS-CoV-2. Signal Transduction and Targeted Therapy, 2021, 6, 132.	7.1	29
17	In-Depth Analysis of Human Neonatal and Adult IgM Antibody Repertoires. Frontiers in Immunology, 2018, 9, 128.	2.2	26
18	One-domain CD4 Fused to Human Anti-CD16 Antibody Domain Mediates Effective Killing of HIV-1-Infected Cells. Scientific Reports, 2017, 7, 9130.	1.6	25

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19	Arming Anti-EGFRvIII CAR-T With TGFÎ² Trap Improves Antitumor Efficacy in Glioma Mouse Models. Frontiers in Oncology, 2020, 10, 1117.	1.3	19
20	A highly stable human single-domain antibody-drug conjugate exhibits superior penetration and treatment of solid tumors. Molecular Therapy, 2022, 30, 2785-2799.	3.7	19
21	From therapeutic antibodies to chimeric antigen receptors (CARs): making better CARs based on antigen-binding domain. Expert Opinion on Biological Therapy, 2016, 16, 1469-1478.	1.4	13
22	Engineered Soluble Monomeric IgG1 Fc with Significantly Decreased Non-Specific Binding. Frontiers in Immunology, 2017, 8, 1545.	2.2	13
23	A Promising Intracellular Protein-Degradation Strategy: TRIMbody-Away Technique Based on Nanobody Fragment. Biomolecules, 2021, 11, 1512.	1.8	12
24	A defucosylated bispecific multivalent molecule exhibits broad HIV-1-neutralizing activity and enhanced antibody-dependent cellular cytotoxicity against reactivated HIV-1 latently infected cells. Aids, 2018, 32, 1749-1761.	1.0	11
25	Evaluation of antiviral - passive - active immunization (â€œsandwichâ€) therapeutic strategy for functional cure of chronic hepatitis B in mice. EBioMedicine, 2019, 49, 247-257.	2.7	11
26	A Single Dose of Anti-HBsAg Antibody-Encoding mRNA-LNPs Suppressed HBsAg Expression: a Potential Cure of Chronic Hepatitis B Virus Infection. MBio, 2022, 13, .	1.8	10
27	Rapid Elimination of Broadly Neutralizing Antibodies Correlates with Treatment Failure in the Acute Phase of Simian-Human Immunodeficiency Virus Infection. Journal of Virology, 2019, 93, .	1.5	8
28	Engineering a Novel Antibody-Peptide Bispecific Fusion Protein Against MERS-CoV. Antibodies, 2019, 8, 53.	1.2	8
29	The prominent role of a CDR1 somatic hypermutation for convergent IGHV3-53/3-66 antibodies in binding to SARS-CoV-2. Emerging Microbes and Infections, 2022, 11, 1186-1190.	3.0	7
30	Escape from humoral immunity is associated with treatment failure in HIV-1-infected patients receiving long-term antiretroviral therapy. Scientific Reports, 2017, 7, 6222.	1.6	6
31	Deep Mining of Human Antibody Repertoires: Concepts, Methodologies, and Applications. Small Methods, 2020, 4, 2000451.	4.6	5
32	Synergistic Effect by Combining a gp120-Binding Protein and a gp41-Binding Antibody to Inactivate HIV-1 Virions and Inhibit HIV-1 Infection. Molecules, 2021, 26, 1964.	1.7	4
33	Recent advances in â€œuniversalâ€•influenza virus antibodies: the rise of a hidden trimeric interface in hemagglutinin globular head. Frontiers of Medicine, 2020, 14, 149-159.	1.5	3
34	Insights into biological therapeutic strategies for COVID-19. Fundamental Research, 2021, 1, 166-178.	1.6	2
35	Single-Domain Antibodies as Therapeutics for Respiratory RNA Virus Infections. Viruses, 2022, 14, 1162.	1.5	2
36	A â€˜sandwichâ€™ strategy promises functional cure of chronic hepatitis B. Expert Review of Precision Medicine and Drug Development, 2019, 4, 1-2.	0.4	1

#	Article	IF	Citations
37	Design of a Novel Fabâ€Like Antibody Fragment with Enhanced Stability and Affinity for Clinical use. Small Methods, 2022, 6, 2100966.	4.6	1
38	Characterization of human IgM and IgG repertoires in individuals with chronic HIV-1 infection. Virologica Sinica, 2022, 37, 370-379.	1.2	1
39	Counter changes with changelessness: cope with SARS-CoV-2 immune evasion by targeting cryptic epitopes. , 2022, 1, 24-26.		1
40	Potent germline-like monoclonal antibodies: rapid identification of promising candidates for antibody-based antiviral therapy. Antibody Therapeutics, 2021, 4, 89-98.	1.2	0