Linling He

List of Publications by Citations

29 papers	889 citations	17 h-index	29 g-index
32 ext. papers	1,209 ext. citations	12.9 avg, IF	4 L-index

#	Paper	IF	Citations
29	Presenting native-like trimeric HIV-1 antigens with self-assembling nanoparticles. *Nature Communications*, **2016**, 7, 12041	17.4	101
28	Autocrine selection of a GLP-1R G-protein biased agonist with potent antidiabetic effects. *Nature Communications*, **2015**, 6, 8918	17.4	90
27	Uncleaved prefusion-optimized gp140 trimers derived from analysis of HIV-1 envelope metastability. *Nature Communications*, **2016**, 7, 12040	17.4	86
26	Toward a more accurate view of human B-cell repertoire by next-generation sequencing, unbiased repertoire capture and single-molecule barcoding. *Scientific Reports*, **2014**, 4, 6778	4.9	70
25	Key gp120 Glycans Pose Roadblocks to the Rapid Development of VRC01-Class Antibodies in an HIV-1-Infected Chinese Donor. *Immunity*, **2016**, 44, 939-50	32.3	62
24	Regulation of B-cell development and tolerance by different members of the miR-17~92 family microRNAs. *Nature Communications*, **2016**, 7, 12207	17.4	50
23	Computational tools for epitope vaccine design and evaluation. *Current Opinion in Virology*, **2015**, 11, 103-12	7.5	46
22	Genetic and structural insights into broad neutralization of hepatitis C virus by human V1-69 antibodies. *Science Advances*, **2019**, 5, eaav1882	14.3	46
21	HIV-1 vaccine design through minimizing envelope metastability. *Science Advances*, **2018**, 4, eaau6769	14.3	43
20	Approaching rational epitope vaccine design for hepatitis C virus with meta-server and multivalent scaffolding. *Scientific Reports*, **2015**, 5, 12501	4.9	40
19	Rational Design of DNA-Expressed Stabilized Native-Like HIV-1 Envelope Trimers. *Cell Reports*, **2018**, 24, 3324-3338.e5	10.6	33
18	Prevention of cell death by antibodies selected from intracellular combinatorial libraries. *Chemistry and Biology*, **2014**, 21, 274-83		32
17	Single-component, self-assembling, protein nanoparticles presenting the receptor binding domain and stabilized spike as SARS-CoV-2 vaccine candidates. *Science Advances*, **2021**, 7,	14.3	32
16	Proof of concept for rational design of hepatitis C virus E2 core nanoparticle vaccines. *Science Advances*, **2020**, 6, eaaz6225	14.3	23
15	Differential Antibody Responses to Conserved HIV-1 Neutralizing Epitopes in the Context of Multivalent Scaffolds and Native-Like gp140 Trimers. *MBio*, **2017**, 8,	7.8	22
14	Rhesus Macaque B-Cell Responses to an HIV-1 Trimer Vaccine Revealed by Unbiased Longitudinal Repertoire Analysis. *MBio*, **2015**, 6, e01375-15	7.8	21
13	Active evolution of memory B-cells specific to viral gH/gL/pUL128/130/131 pentameric complex in healthy subjects with silent human cytomegalovirus infection. *Oncotarget*, **2017**, 8, 73654-73669	3.3	19

List of Publications

12	Hidden Lineage Complexity of Glycan-Dependent HIV-1 Broadly Neutralizing Antibodies Uncovered by Digital Panning and Native-Like gp140 Trimer. *Frontiers in Immunology*, **2017**, 8, 1025	8.4	14
11	Functional convergence of a germline-encoded neutralizing antibody response in rhesus macaques immunized with HCV envelope glycoproteins. *Immunity*, **2021**, 54, 781-796.e4	32.3	10
10	Single-component, self-assembling, protein nanoparticles presenting the receptor binding domain and stabilized spike as SARS-CoV-2 vaccine candidates **2021**,		8
9	Single-component multilayered self-assembling nanoparticles presenting rationally designed glycoprotein trimers as Ebola virus vaccines. *Nature Communications*, **2021**, 12, 2633	17.4	8
8	Development of a Potent and Protective Germline-Like Antibody Lineage Against Zika Virus in a Convalescent Human. *Frontiers in Immunology*, **2019**, 10, 2424	8.4	7
7	Mechanism of a COVID-19 nanoparticle vaccine candidate that elicits a broadly neutralizing antibody response to SARS-CoV-2 variants. *Science Advances*, **2021**, 7, eabj3107	14.3	7
6	Quantitative evaluation of protective antibody response induced by hepatitis E vaccine in humans. *Nature Communications*, **2020**, 11, 3971	17.4	6
5	A V1-69 antibody lineage from an infected Chinese donor potently neutralizes HIV-1 by targeting the V3 glycan supersite. *Science Advances*, **2020**, 6,	14.3	4
4	HIV-1 Vaccine-elicited Antibodies Reverted to Their Inferred Naive Germline Reveal Associations between Binding Affinity and in vivo Activation. *Scientific Reports*, **2016**, 6, 20987	4.9	3
3	Mechanism of a COVID-19 nanoparticle vaccine candidate that elicits a broadly neutralizing antibody response to SARS-CoV-2 variants **2021**,		3
2	Single-component multilayered self-assembling nanoparticles presenting rationally designed glycoprotein trimers as Ebola virus vaccines		2
1	Neutralizing Antibodies Induced by First-Generation gp41-Stabilized HIV-1 Envelope Trimers and Nanoparticles. *MBio*, **2021**, 12, e0042921	7.8	1