

Jinghua Lu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,482
citations

516710

16
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

2651
citing authors

#	ARTICLE	IF	CITATIONS
1	T cells discriminate between groups C1 and C2 HLA-C. <i>ELife</i> , 2022, 11, .	6.0	5
2	<i>Plasmodium falciparum</i> specific IgM B cells dominate in children, expand with malaria, and produce functional IgM. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	44
3	High affinity binding of SARS-CoV-2 spike protein enhances ACE2 carboxypeptidase activity. <i>Journal of Biological Chemistry</i> , 2020, 295, 18579-18588.	3.4	82
4	High-affinity oligoclonal TCRs define effective adoptive T cell therapy targeting mutant KRAS-G12D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12826-12835.	7.1	68
5	Novel MHC-Independent $\hat{I}^{\hat{I}^2}$ TCRs Specific for CD48, CD102, and CD155 Self-Proteins and Their Selection in the Thymus. <i>Frontiers in Immunology</i> , 2020, 11, 1216.	4.8	3
6	Structure of MHC-Independent TCRs and Their Recognition of Native Antigen CD155. <i>Journal of Immunology</i> , 2020, 204, 3351-3359.	0.8	10
7	Molecular constraints on CDR3 for thymic selection of MHC-restricted TCRs from a random pre-selection repertoire. <i>Nature Communications</i> , 2019, 10, 1019.	12.8	72
8	Toll-like receptor 9 antagonizes antibody affinity maturation. <i>Nature Immunology</i> , 2018, 19, 255-266.	14.5	63
9	Pentraxins and Fc Receptor-Mediated Immune Responses. <i>Frontiers in Immunology</i> , 2018, 9, 2607.	4.8	57
10	T cell receptor repertoires of mice and humans are clustered in similarity networks around conserved public CDR3 sequences. <i>ELife</i> , 2017, 6, .	6.0	175
11	Structural mechanism of high affinity Fc \hat{I}^3 RI recognition of immunoglobulin G. <i>Immunological Reviews</i> , 2015, 268, 192-200.	6.0	29
12	Structure of Fc \hat{I}^3 RI in complex with Fc reveals the importance of glycan recognition for high-affinity IgG binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 833-838.	7.1	117
13	Structural Basis for Clonal Diversity of the Public T Cell Response to a Dominant Human Cytomegalovirus Epitope. <i>Journal of Biological Chemistry</i> , 2015, 290, 29106-29119.	3.4	41
14	A rapid and rational approach to generating isomorphous heavy \hat{I} atom phasing derivatives. <i>FEBS Journal</i> , 2014, 281, 4021-4028.	4.7	9
15	Pentraxins and IgA share a binding hot \hat{I} spot on Fc \hat{I} RI. <i>Protein Science</i> , 2014, 23, 378-386.	7.6	12
16	Structural mechanism of serum amyloid A-mediated inflammatory amyloidosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5189-5194.	7.1	147
17	Pentraxins and $\langle scp \rangle F \langle /scp \rangle c$ receptors. <i>Immunological Reviews</i> , 2012, 250, 230-238.	6.0	84
18	The Structure of the TLR5-Flagellin Complex: A New Mode of Pathogen Detection, Conserved Receptor Dimerization for Signaling. <i>Science Signaling</i> , 2012, 5, pe11.	3.6	31

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19	The structure of the TLR5-flagellin complex: a new mode of pathogen detection, conserved receptor dimerization for signaling. <i>Science Signaling</i> , 2012, 5, pe11.	3.6	5
20	Recognition and functional activation of the human IgA receptor (Fc γ RI) by C-reactive protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4974-4979.	7.1	69
21	Crystal Structure of Fc γ 3 Receptor I and Its Implication in High Affinity γ 3-Immunoglobulin Binding. <i>Journal of Biological Chemistry</i> , 2011, 286, 40608-40613.	3.4	75
22	Structural recognition and functional activation of Fc γ 3R by innate pentraxins. <i>Nature</i> , 2008, 456, 989-992.	27.8	272