

# Rui Zhu

## List of Publications by Year in descending order

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16  
papers

285  
citations

1040056

9  
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996975

15  
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16  
docs citations

16  
times ranked

369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic structures of Coxsackievirus A6 and its complex with a neutralizing antibody. <i>Nature Communications</i> , 2017, 8, 505.	12.8	61
2	Atomic structures of enterovirus D68 in complex with two monoclonal antibodies define distinct mechanisms of viral neutralization. <i>Nature Microbiology</i> , 2019, 4, 124-133.	13.3	40
3	Serological survey of neutralizing antibodies to eight major enteroviruses among healthy population. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-15.	6.5	33
4	Identification of Antibodies with Non-overlapping Neutralization Sites that Target Coxsackievirus A16. <i>Cell Host and Microbe</i> , 2020, 27, 249-261.e5.	11.0	24
5	Discovery and structural characterization of a therapeutic antibody against coxsackievirus A10. <i>Science Advances</i> , 2018, 4, eaat7459.	10.3	19
6	Cryo-EM structures reveal the molecular basis of receptor-initiated coxsackievirus uncoating. <i>Cell Host and Microbe</i> , 2021, 29, 448-462.e5.	11.0	19
7	A novel combined vaccine based on monochimeric VLP co-displaying multiple conserved epitopes against enterovirus 71 and varicella-zoster virus. <i>Vaccine</i> , 2017, 35, 2728-2735.	3.8	18
8	A highly conserved epitope-vaccine candidate against varicella-zoster virus induces neutralizing antibodies in mice. <i>Vaccine</i> , 2016, 34, 1589-1596.	3.8	13
9	A bispecific broadly neutralizing antibody against enterovirus 71 and coxsackievirus A16 with therapeutic potential. <i>Antiviral Research</i> , 2019, 161, 28-35.	4.1	12
10	Development of a skin- and neuro-attenuated live vaccine for varicella. <i>Nature Communications</i> , 2022, 13, 824.	12.8	10
11	Serological Evaluation of Immunity to the Varicella-Zoster Virus Based on a Novel Competitive Enzyme-Linked Immunosorbent Assay. <i>Scientific Reports</i> , 2016, 6, 20577.	3.3	9
12	Near-atomic cryo-electron microscopy structures of varicella-zoster virus capsids. <i>Nature Microbiology</i> , 2020, 5, 1542-1552.	13.3	7
13	Development of A Neonatal Mouse Model for Coxsackievirus B1 Antiviral Evaluation. <i>Virologica Sinica</i> , 2021, 36, 1575-1584.	3.0	7
14	Evaluation of immunity to varicella zoster virus with a novel double antigen sandwich enzyme-linked immunosorbent assay. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9321-9329.	3.6	6
15	Development of an efficient neutralization assay for Coxsackievirus A10. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1931-1938.	3.6	6
16	Development of a rapid neutralization assay for the detection of neutralizing antibodies against coxsackievirus B1. <i>Diagnostic Microbiology and Infectious Disease</i> , 2022, 103, 115676.	1.8	1