

Antoni G Wrobel

List of Publications by Citations

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Version: 2024-04-10

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

21 papers	1,680 citations	16 h-index	27 g-index
27 ext. papers	2,469 ext. citations	16.6 avg, IF	5.12 L-index

#	Paper	IF	Citations
21	Preexisting and de novo humoral immunity to SARS-CoV-2 in humans. <i>Science</i> , 2020 , 370, 1339-1343	33.3	441
20	Receptor binding and priming of the spike protein of SARS-CoV-2 for membrane fusion. <i>Nature</i> , 2020 , 588, 327-330	50.4	339
19	SARS-CoV-2 and bat RaTG13 spike glycoprotein structures inform on virus evolution and furin-cleavage effects. <i>Nature Structural and Molecular Biology</i> , 2020 , 27, 763-767	17.6	273
18	Expression levels of MHC class I molecules are inversely correlated with promiscuity of peptide binding. <i>ELife</i> , 2015 , 4, e05345	8.9	81
17	Transient Fcho1/2?Eps15/R?AP-2 Nanoclusters Prime the AP-2 Clathrin Adaptor for Cargo Binding. <i>Developmental Cell</i> , 2016 , 37, 428-43	10.2	62
16	Ion mobility mass spectrometry for extracting spectra of N-glycans directly from incubation mixtures following glycan release: application to glycans from engineered glycoforms of intact, folded HIV gp120. <i>Journal of the American Society for Mass Spectrometry</i> , 2011 , 22, 568-81	3.5	61
15	Pre-existing and de novo humoral immunity to SARS-CoV-2 in humans		59
14	The effect of the D614G substitution on the structure of the spike glycoprotein of SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	59
13	Tissue-specific and interferon-inducible expression of nonfunctional ACE2 through endogenous retroelement co-option. <i>Nature Genetics</i> , 2020 , 52, 1294-1302	36.3	54
12	SARS-CoV-2 can recruit a heme metabolite to evade antibody immunity. <i>Science Advances</i> , 2021 , 7,	14.3	46
11	Selective integrin endocytosis is driven by interactions between the integrin β chain and AP2. <i>Nature Structural and Molecular Biology</i> , 2016 , 23, 172-9	17.6	44
10	Ab initio solution of macromolecular crystal structures without direct methods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3637-3641	11.5	32
9	Contribution of the clathrin adaptor AP-1 subunit μ 1 to acidic cluster protein sorting. <i>Journal of Cell Biology</i> , 2017 , 216, 2927-2943	7.3	25
8	Antibody-mediated disruption of the SARS-CoV-2 spike glycoprotein. <i>Nature Communications</i> , 2020 , 11, 5337	17.4	23
7	Structure and binding properties of Pangolin-CoV spike glycoprotein inform the evolution of SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 837	17.4	23
6	Temporal Ordering in Endocytic Clathrin-Coated Vesicle Formation via AP2 Phosphorylation. <i>Developmental Cell</i> , 2019 , 50, 494-508.e11	10.2	19
5	SARS-CoV-2 recruits a haem metabolite to evade antibody immunity 2021 ,		8

4	Heterologous humoral immunity to human and zoonotic coronaviruses: Aiming for the achilles heel. <i>Seminars in Immunology</i> , 2021 , 55, 101507	10.7	5
3	Evolution of the SARS-CoV-2 spike protein in the human host.. <i>Nature Communications</i> , 2022 , 13, 1178	17.4	5
2	Structure and binding properties of Pangolin-CoV Spike glycoprotein inform the evolution of SARS-CoV-2.		2
1	FCHO controls AP2b initiating role in endocytosis through a PtdIns(4,5)P-dependent switch.. <i>Science Advances</i> , 2022 , 8, eabn2018	14.3	1