

Antoni G Wrobel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5592840/antoni-g-wrobel-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Evolution of the SARS-CoV-2 spike protein in the human host.. <i>Nature Communications</i> , 2022 , 13, 1178	17.4	5
20	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
19	Heterologous humoral immunity to human and zoonotic coronaviruses: Aiming for the achilles heel. <i>Seminars in Immunology</i> , 2021 , 55, 101507	10.7	5
18	SARS-CoV-2 can recruit a heme metabolite to evade antibody immunity. <i>Science Advances</i> , 2021 , 7,	14.3	46
17	SARS-CoV-2 recruits a haem metabolite to evade antibody immunity 2021 ,		8
16	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
15	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
14	Preexisting and de novo humoral immunity to SARS-CoV-2 in humans. <i>Science</i> , 2020 , 370, 1339-1343	33.3	441
13	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
12	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
11	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
10	Antibody-mediated disruption of the SARS-CoV-2 spike glycoprotein. <i>Nature Communications</i> , 2020 , 11, 5337	17.4	23
9	Temporal Ordering in Endocytic Clathrin-Coated Vesicle Formation via AP2 Phosphorylation. <i>Developmental Cell</i> , 2019 , 50, 494-508.e11	10.2	19
8	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
7	Contribution of the clathrin adaptor AP-1 subunit $\beta 1$ to acidic cluster protein sorting. <i>Journal of Cell Biology</i> , 2017 , 216, 2927-2943	7.3	25
6	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
5	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

4	Expression levels of MHC class I molecules are inversely correlated with promiscuity of peptide binding. <i>ELife</i> , 2015 , 4, e05345	8.9	81
3	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
2	Structure and binding properties of Pangolin-CoV Spike glycoprotein inform the evolution of SARS-CoV-2.		2
1	Pre-existing and de novo humoral immunity to SARS-CoV-2 in humans		59