

Aaron J Schmitz

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

4,794
citations

304743

22
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

9106
citing authors

#	ARTICLE	IF	CITATIONS
1	Germinal centre-driven maturation of B cell response to mRNA vaccination. <i>Nature</i> , 2022, 604, 141-145.	27.8	198
2	SARS-CoV-2 mRNA vaccination elicits a robust and persistent T follicular helper cell response in humans. <i>Cell</i> , 2022, 185, 603-613.e15.	28.9	176
3	Polyclonal epitope mapping reveals temporal dynamics and diversity of human antibody responses to H5N1 vaccination. <i>Cell Reports</i> , 2021, 34, 108682.	6.4	31
4	Resistance of SARS-CoV-2 variants to neutralization by monoclonal and serum-derived polyclonal antibodies. <i>Nature Medicine</i> , 2021, 27, 717-726.	30.7	838
5	SARS-CoV-2 infection induces long-lived bone marrow plasma cells in humans. <i>Nature</i> , 2021, 595, 421-425.	27.8	428
6	Evaluation of HIV-1 Latency Reversal and Antibody-Dependent Viral Clearance by Quantification of Singly Spliced HIV-1 <i>vpu</i> / <i>env</i> mRNA. <i>Journal of Virology</i> , 2021, 95, .	3.4	9
7	SARS-CoV-2 mRNA vaccines induce persistent human germinal centre responses. <i>Nature</i> , 2021, 596, 109-113.	27.8	586
8	SARS-CoV-2 mRNA vaccination induces functionally diverse antibodies to NTD, RBD, and S2. <i>Cell</i> , 2021, 184, 3936-3948.e10.	28.9	241
9	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. <i>Immunity</i> , 2021, 54, 2159-2166.e6.	14.3	52
10	Structural mechanism of SARS-CoV-2 neutralization by two murine antibodies targeting the RBD. <i>Cell Reports</i> , 2021, 37, 109881.	6.4	14
11	Human Antibodies Targeting Influenza B Virus Neuraminidase Active Site Are Broadly Protective. <i>Immunity</i> , 2020, 53, 852-863.e7.	14.3	46
12	Adjuvanted H5N1 influenza vaccine enhances both cross-reactive memory B cell and strain-specific naive B cell responses in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17957-17964.	7.1	57
13	Human germinal centres engage memory and naive B cells after influenza vaccination. <i>Nature</i> , 2020, 586, 127-132.	27.8	194
14	Impaired Cellular Immune Responses During the First Week of Severe Acute Influenza Infection. <i>Journal of Infectious Diseases</i> , 2020, 222, 1235-1244.	4.0	19
15	A SARS-CoV-2 Infection Model in Mice Demonstrates Protection by Neutralizing Antibodies. <i>Cell</i> , 2020, 182, 744-753.e4.	28.9	486
16	A Potently Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. <i>Journal of Immunology</i> , 2020, 205, 915-922.	0.8	186
17	Broadly protective human antibodies that target the active site of influenza virus neuraminidase. <i>Science</i> , 2019, 366, 499-504.	12.6	162
18	Allelic variants of OsHKT1;1 underlie the divergence between indica and japonica subspecies of rice (<i>Oryza sativa</i>) for root sodium content. <i>PLoS Genetics</i> , 2017, 13, e1006823.	3.5	118

#	ARTICLE	IF	CITATIONS
19	Genetic and Molecular Characterization of Submergence Response Identifies Subtol6 as a Major Submergence Tolerance Locus in Maize. PLoS ONE, 2015, 10, e0120385.	2.5	66
20	Rice Ovate Family Protein 2 (OFP2) alters hormonal homeostasis and vasculature development. Plant Science, 2015, 241, 177-188.	3.6	106
21	<i>Sub1A</i> -mediated submergence tolerance response in rice involves differential regulation of the brassinosteroid pathway. New Phytologist, 2013, 198, 1060-1070.	7.3	84
22	Chloroplast Division Protein ARC3 Regulates Chloroplast FtsZ-Ring Assembly and Positioning in <i>Arabidopsis</i> through Interaction with FtsZ2. Plant Cell, 2013, 25, 1787-1802.	6.6	47
23	<i>Arabidopsis</i> FtsZ2-1 and FtsZ2-2 Are Functionally Redundant, But FtsZ-Based Plastid Division Is Not Essential for Chloroplast Partitioning or Plant Growth and Development. Molecular Plant, 2009, 2, 1211-1222.	8.3	84
24	PARC6, a novel chloroplast division factor, influences FtsZ assembly and is required for recruitment of PDV1 during chloroplast division in <i>Arabidopsis</i> . Plant Journal, 2009, 59, 700-711.	5.7	107
25	Plastid division: across time and space. Current Opinion in Plant Biology, 2008, 11, 577-584.	7.1	91
26	A role for the RabA4b effector protein PI-4KÎ²1 in polarized expansion of root hair cells in <i>Arabidopsis thaliana</i> . Journal of Cell Biology, 2006, 172, 991-998.	5.2	274
27	Protection Against Influenza B Viruses by Human Monoclonal Antibodies that Target the Neuraminidase Active Site. SSRN Electronic Journal, 0, , .	0.4	0