

Davide F Robbiani

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1139069/davide-f-robbiani-publications-by-citations.pdf>

Version: 2024-04-24

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.

71
papers

11,098
citations

42
h-index

76
g-index

76
ext. papers

14,271
ext. citations

23.9
avg, IF

6.14
L-index

#	Paper	IF	Citations
71	Convergent antibody responses to SARS-CoV-2 in convalescent individuals. <i>Nature</i> , 2020 , 584, 437-442	50.4	1167
70	Escape from neutralizing antibodies by SARS-CoV-2 spike protein variants. <i>ELife</i> , 2020 , 9,	8.9	784
69	Differentiation of phagocytic monocytes into lymph node dendritic cells in vivo. <i>Immunity</i> , 1999 , 11, 753-763	5.13	752
68	Evolution of antibody immunity to SARS-CoV-2. <i>Nature</i> , 2021 , 591, 639-644	50.4	652
67	SARS-CoV-2 neutralizing antibody structures inform therapeutic strategies. <i>Nature</i> , 2020 , 588, 682-687	50.4	651
66	Structures of Human Antibodies Bound to SARS-CoV-2 Spike Reveal Common Epitopes and Recurrent Features of Antibodies. <i>Cell</i> , 2020 , 182, 828-842.e16	56.2	485
65	The leukotriene C(4) transporter MRP1 regulates CCL19 (MIP-3beta, ELC)-dependent mobilization of dendritic cells to lymph nodes. <i>Cell</i> , 2000 , 103, 757-68	56.2	404
64	MicroRNA-155 suppresses activation-induced cytidine deaminase-mediated Myc-Igh translocation. <i>Immunity</i> , 2008 , 28, 630-8	32.3	391
63	AID is required for the chromosomal breaks in c-myc that lead to c-myc/IgH translocations. <i>Cell</i> , 2008 , 135, 1028-38	56.2	338
62	Rif1 prevents resection of DNA breaks and promotes immunoglobulin class switching. <i>Science</i> , 2013 , 339, 711-5	33.3	304
61	Measuring SARS-CoV-2 neutralizing antibody activity using pseudotyped and chimeric viruses. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	289
60	Translocation-capture sequencing reveals the extent and nature of chromosomal rearrangements in B lymphocytes. <i>Cell</i> , 2011 , 147, 95-106	56.2	286
59	Identification of early replicating fragile sites that contribute to genome instability. <i>Cell</i> , 2013 , 152, 620-32	32.2	280
58	AID-dependent activation of a MYC transgene induces multiple myeloma in a conditional mouse model of post-germinal center malignancies. <i>Cancer Cell</i> , 2008 , 13, 167-80	24.3	268
57	Activated fibroblast growth factor receptor 3 is an oncogene that contributes to tumor progression in multiple myeloma. <i>Blood</i> , 2001 , 97, 729-36	2.2	239
56	Increased expression of IP-10, IL-8, MCP-1, and MCP-3 in ulcerative colitis. <i>American Journal of Pathology</i> , 1999 , 155, 331-6	5.8	231
55	Deep-sequencing identification of the genomic targets of the cytidine deaminase AID and its cofactor RPA in B lymphocytes. <i>Nature Immunology</i> , 2011 , 12, 62-9	19.1	222

54	53BP1 regulates DNA resection and the choice between classical and alternative end joining during class switch recombination. <i>Journal of Experimental Medicine</i> , 2010 , 207, 855-65	16.6	217
53	AID produces DNA double-strand breaks in non-Ig genes and mature B cell lymphomas with reciprocal chromosome translocations. <i>Molecular Cell</i> , 2009 , 36, 631-41	17.6	201
52	Recurrent Potent Human Neutralizing Antibodies to Zika Virus in Brazil and Mexico. <i>Cell</i> , 2017 , 169, 597-609.e1199	56.2	189
51	B cell super-enhancers and regulatory clusters recruit AID tumorigenic activity. <i>Cell</i> , 2014 , 159, 1524-37	56.2	186
50	Regulation of DNA end joining, resection, and immunoglobulin class switch recombination by 53BP1. <i>Molecular Cell</i> , 2011 , 42, 319-29	17.6	183
49	Enhanced SARS-CoV-2 neutralization by dimeric IgA. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	178
48	Antibody potency, effector function, and combinations in protection and therapy for SARS-CoV-2 infection in vivo. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	171
47	DNA damage defines sites of recurrent chromosomal translocations in B lymphocytes. <i>Nature</i> , 2012 , 484, 69-74	50.4	159
46	Inhibition of fibroblast growth factor receptor 3 induces differentiation and apoptosis in t(4;14) myeloma. <i>Blood</i> , 2004 , 103, 3521-8	2.2	143
45	Chromosome translocation, B cell lymphoma, and activation-induced cytidine deaminase. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2013 , 8, 79-103	34	125
44	Regulation of hypermutation by activation-induced cytidine deaminase phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8798-803	11.5	121
43	Mutations, kataegis and translocations in B cells: understanding AID promiscuous activity. <i>Nature Reviews Immunology</i> , 2016 , 16, 164-76	36.5	109
42	Mapping mutations to the SARS-CoV-2 RBD that escape binding by different classes of antibodies. <i>Nature Communications</i> , 2021 , 12, 4196	17.4	106
41	Plasmodium Infection Promotes Genomic Instability and AID-Dependent B Cell Lymphoma. <i>Cell</i> , 2015 , 162, 727-37	56.2	98
40	Orientation-specific joining of AID-initiated DNA breaks promotes antibody class switching. <i>Nature</i> , 2015 , 525, 134-139	50.4	76
39	RPA accumulation during class switch recombination represents 53BP1-DNA-end resection during the S-G2/M phase of the cell cycle. <i>Cell Reports</i> , 2013 , 3, 138-47	10.6	69
38	A role for AID in chromosome translocations between c-myc and the IgH variable region. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2225-32	16.6	69
37	Convergent Antibody Responses to SARS-CoV-2 Infection in Convalescent Individuals 2020 ,		60

36	Expression of a functional eotaxin (CC chemokine ligand 11) receptor CCR3 by human dendritic cells. <i>Journal of Immunology</i> , 2002 , 169, 2925-36	5.3	54
35	Role of 53BP1 oligomerization in regulating double-strand break repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 2146-51	11.5	53
34	miR-217 is an oncogene that enhances the germinal center reaction. <i>Blood</i> , 2014 , 124, 229-39	2.2	49
33	ReScan, a Multiplex Diagnostic Pipeline, Pans Human Sera for SARS-CoV-2 Antigens. <i>Cell Reports Medicine</i> , 2020 , 1, 100123	18	46
32	Mechanism of DNA resection during intrachromosomal recombination and immunoglobulin class switching. <i>Journal of Experimental Medicine</i> , 2013 , 210, 115-23	16.6	43
31	Evolution of Antibody Immunity to SARS-CoV-2 2021 ,		43
30	A Combination of Two Human Monoclonal Antibodies Prevents Zika Virus Escape Mutations in Non-human Primates. <i>Cell Reports</i> , 2018 , 25, 1385-1394.e7	10.6	43
29	The cell cycle restricts activation-induced cytidine deaminase activity to early G1. <i>Journal of Experimental Medicine</i> , 2017 , 214, 49-58	16.6	39
28	RING finger nuclear factor RNF168 is important for defects in homologous recombination caused by loss of the breast cancer susceptibility factor BRCA1. <i>Journal of Biological Chemistry</i> , 2012 , 287, 40618-28	5.4	39
27	Epigenetic targeting of activation-induced cytidine deaminase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18667-72	11.5	37
26	Bispecific IgG neutralizes SARS-CoV-2 variants and prevents escape in mice. <i>Nature</i> , 2021 , 593, 424-428	50.4	36
25	Bone lesions in molecular subtypes of multiple myeloma. <i>New England Journal of Medicine</i> , 2004 , 351, 197-8	59.2	35
24	Measuring SARS-CoV-2 neutralizing antibody activity using pseudotyped and chimeric viruses 2020 ,		35
23	53BP1 alters the landscape of DNA rearrangements and suppresses AID-induced B cell lymphoma. <i>Molecular Cell</i> , 2013 , 49, 623-31	17.6	31
22	Structures of human antibodies bound to SARS-CoV-2 spike reveal common epitopes and recurrent features of antibodies 2020 ,		30
21	Osteopontin dysregulation and lytic bone lesions in multiple myeloma. <i>Hematological Oncology</i> , 2007 , 25, 16-20	1.3	29
20	Risk of Zika microcephaly correlates with features of maternal antibodies. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2302-2315	16.6	28
19	Mutational escape from the polyclonal antibody response to SARS-CoV-2 infection is largely shaped by a single class of antibodies 2021 ,		27

18	A Combination of Human Broadly Neutralizing Antibodies against Hepatitis B Virus HBsAg with Distinct Epitopes Suppresses Escape Mutations. <i>Cell Host and Microbe</i> , 2020 , 28, 335-349.e6	23.4	25
17	Role of the translocation partner in protection against AID-dependent chromosomal translocations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 187-92	11.5	23
16	The hSSB1 orthologue Obfc2b is essential for skeletogenesis but dispensable for the DNA damage response in vivo. <i>EMBO Journal</i> , 2012 , 31, 4045-56	13	23
15	Antibody potency, effector function and combinations in protection from SARS-CoV-2 infection 2020 ,		21
14	Structural classification of neutralizing antibodies against the SARS-CoV-2 spike receptor-binding domain suggests vaccine and therapeutic strategies 2020 ,		18
13	Fate mapping for activation-induced cytidine deaminase (AID) marks non-lymphoid cells during mouse development. <i>PLoS ONE</i> , 2013 , 8, e69208	3.7	17
12	Enhanced SARS-CoV-2 Neutralization by Secretory IgA in vitro 2020 ,		15
11	A combination of two human monoclonal antibodies limits fetal damage by Zika virus in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 7981-7989	11.5	11
10	RAG1/2 induces genomic insertions by mobilizing DNA into RAG1/2-independent breaks. <i>Journal of Experimental Medicine</i> , 2017 , 214, 815-831	16.6	10
9	Broad and potent neutralizing human antibodies to tick-borne flaviviruses protect mice from disease. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	6
8	Maintained rules of development in a mouse B-cell tumor. <i>Leukemia</i> , 2005 , 19, 1278-80	10.7	5
7	Structural basis for Zika envelope domain III recognition by a germline version of a recurrent neutralizing antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 9865-9875	11.5	5
6	miR-15a/16-1 deletion in activated B cells promotes plasma cell and mature B-cell neoplasms. <i>Blood</i> , 2021 , 137, 1905-1919	2.2	4
5	A New Way to Diversify Antibodies by DNA Transposition. <i>Cell</i> , 2016 , 164, 601-2	56.2	2
4	Bispecific antibody neutralizes circulating SARS-CoV-2 variants, prevents escape and protects mice from disease 2021 ,		2
3	Neutralizing hepatitis B. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	1
2	53BP1 regulates DNA resection and the choice between classical and alternative end joining during class switch recombination. <i>Journal of Cell Biology</i> , 2010 , 189, i3-i3	7.3	
1	Mechanism of DNA resection during intrachromosomal recombination and immunoglobulin class switching. <i>Journal of Cell Biology</i> , 2012 , 199, i11-i11	7.3	

