Davide F Robbiani

List of Publications by Year
in descending order

63	15,930	57631	123241
papers	citations	44 h-index	61 g-index

76	76	76	23393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Convergent antibody responses to SARS-CoV-2 in convalescent individuals. Nature, 2020, 584, 437-442.	13.7	1,742
2	Evolution of antibody immunity to SARS-CoV-2. Nature, 2021, 591, 639-644.	13.7	1,355
3	SARS-CoV-2 neutralizing antibody structures inform therapeutic strategies. Nature, 2020, 588, 682-687.	13.7	1,346
4	Escape from neutralizing antibodies by SARS-CoV-2 spike protein variants. ELife, 2020, 9, .	2.8	1,239
5	Differentiation of Phagocytic Monocytes into Lymph Node Dendritic Cells In Vivo. Immunity, 1999, 11, 753-761.	6.6	826
6	Structures of Human Antibodies Bound to SARS-CoV-2 Spike Reveal Common Epitopes and Recurrent Features of Antibodies. Cell, 2020, 182, 828-842.e16.	13.5	724
7	Measuring SARS-CoV-2 neutralizing antibody activity using pseudotyped and chimeric viruses. Journal of Experimental Medicine, 2020, 217, .	4.2	503
8	The Leukotriene C4 Transporter MRP1 Regulates CCL19 (MIP-3Î², ELC)â€“Dependent Mobilization of Dendritic Cells to Lymph Nodes. Cell, 2000, 103, 757-768.	13.5	450
9	MicroRNA-155 Suppresses Activation-Induced Cytidine Deaminase-Mediated Myc-Igh Translocation. Immunity, 2008, 28, 630-638.	6.6	434
10	AID Is Required for the Chromosomal Breaks in c-myc that Lead to c-myc/IgH Translocations. Cell, 2008, 135, 1028-1038.	13.5	404
11	Enhanced SARS-CoV-2 neutralization by dimeric IgA. Science Translational Medicine, 2021, 13, .	5.8	379
12	Identification of Early Replicating Fragile Sites that Contribute to Genome Instability. Cell, 2013, 152, 620-632.	13.5	364
13	Rif1 Prevents Resection of DNA Breaks and Promotes Immunoglobulin Class Switching. Science, 2013, 339, 711-715.	6.0	356
14	Translocation-Capture Sequencing Reveals the Extent and Nature of Chromosomal Rearrangements in B Lymphocytes. Cell, 2011, 147, 95-106.	13.5	336
15	Mapping mutations to the SARS-CoV-2 RBD that escape binding by different classes of antibodies. Nature Communications, 2021, 12, 4196.	5.8	332
16	AID-Dependent Activation of a MYC Transgene Induces Multiple Myeloma in a Conditional Mouse Model of Post-Germinal Center Malignancies. Cancer Cell, 2008, 13, 167-180.	7.7	322
17	Antibody potency, effector function, and combinations in protection and therapy for SARS-CoV-2 infection in vivo. Journal of Experimental Medicine, 2021, 218, .	4.2	283
18	Recurrent Potent Human Neutralizing Antibodies to Zika Virus in Brazil and Mexico. Cell, 2017, 169, 597-609.e11.	13.5	279

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19	Activated fibroblast growth factor receptor 3 is an oncogene that contributes to tumor progression in multiple myeloma. Blood, 2001, 97, 729-736.	0.6	269
20	Increased Expression of IP-10, IL-8, MCP-1, and MCP-3 in Ulcerative Colitis. American Journal of Pathology, 1999, 155, 331-336.	1.9	259
21	Deep-sequencing identification of the genomic targets of the cytidine deaminase AID and its cofactor RPA in B lymphocytes. Nature Immunology, 2011, 12, 62-69.	7.0	249
22	53BP1 regulates DNA resection and the choice between classical and alternative end joining during class switch recombination. Journal of Experimental Medicine, 2010, 207, 855-865.	4.2	242
23	AID Produces DNA Double-Strand Breaks in Non-Ig Genes and Mature B Cell Lymphomas with Reciprocal Chromosome Translocations. Molecular Cell, 2009, 36, 631-641.	4.5	234
24	B Cell Super-Enhancers and Regulatory Clusters Recruit AID Tumorigenic Activity. Cell, 2014, 159, 1524-1537.	13.5	234
25	Regulation of DNA End Joining, Resection, and Immunoglobulin Class Switch Recombination by 53BP1. Molecular Cell, 2011, 42, 319-329.	4.5	203
26	DNA damage defines sites of recurrent chromosomal translocations in B lymphocytes. Nature, 2012, 484, 69-74.	13.7	186
27	Chromosome Translocation, B Cell Lymphoma, and Activation-Induced Cytidine Deaminase. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 79-103.	9.6	163
28	Inhibition of fibroblast growth factor receptor 3 induces differentiation and apoptosis in t(4;14) myeloma. Blood, 2004, 103, 3521-3528.	0.6	159
29	Mutations, kataegis and translocations in B cells: understanding AID promiscuous activity. Nature Reviews Immunology, 2016, 16, 164-176.	10.6	153
30	Plasmodium Infection Promotes Genomic Instability and AID-Dependent B Cell Lymphoma. Cell, 2015, 162, 727-737.	13.5	141
31	Regulation of hypermutation by activation-induced cytidine deaminase phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8798-8803.	3.3	136
32	Bispecific IgG neutralizes SARS-CoV-2 variants and prevents escape in mice. Nature, 2021, 593, 424-428.	13.7	108
33	RPA Accumulation during Class Switch Recombination Represents 5â€²â€“3â€² DNA-End Resection during the Sâ€“G2/M Phase of the Cell Cycle. Cell Reports, 2013, 3, 138-147.	2.9	94
34	Orientation-specific joining of AID-initiated DNA breaks promotes antibody class switching. Nature, 2015, 525, 134-139.	13.7	93
35	A role for AID in chromosome translocations between c-myc and the IgH variable region. Journal of Experimental Medicine, 2007, 204, 2225-2232.	4.2	76
36	ReScan, a Multiplex Diagnostic Pipeline, Pans Human Sera for SARS-CoV-2 Antigens. Cell Reports Medicine, 2020, 1, 100123.	3.3	70

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37	Role of 53BP1 oligomerization in regulating double-strand break repair. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2146-2151.	3.3	64
38	The cell cycle restricts activation-induced cytidine deaminase activity to early G1. Journal of Experimental Medicine, 2017, 214, 49-58.	4.2	63
39	A Combination of Two Human Monoclonal Antibodies Prevents Zika Virus Escape Mutations in Non-human Primates. Cell Reports, 2018, 25, 1385-1394.e7.	2.9	61
40	Expression of a Functional Eotaxin (CC Chemokine Ligand 11) Receptor CCR3 by Human Dendritic Cells. Journal of Immunology, 2002, 169, 2925-2936.	0.4	58
41	miR-217 is an oncogene that enhances the germinal center reaction. Blood, 2014, 124, 229-239.	0.6	57
42	Epigenetic targeting of activation-induced cytidine deaminase. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18667-18672.	3.3	48
43	A Combination of Human Broadly Neutralizing Antibodies against Hepatitis B Virus HBsAg with Distinct Epitopes Suppresses Escape Mutations. Cell Host and Microbe, 2020, 28, 335-349.e6.	5.1	48
44	Mechanism of DNA resection during intrachromosomal recombination and immunoglobulin class switching. Journal of Experimental Medicine, 2013, 210, 115-123.	4.2	46
45	Ring Finger Nuclear Factor RNF168 Is Important for Defects in Homologous Recombination Caused by Loss of the Breast Cancer Susceptibility Factor BRCA1. Journal of Biological Chemistry, 2012, 287, 40618-40628.	1.6	44
46	Risk of Zika microcephaly correlates with features of maternal antibodies. Journal of Experimental Medicine, 2019, 216, 2302-2315.	4.2	41
47	Bone Lesions in Molecular Subtypes of Multiple Myeloma. New England Journal of Medicine, 2004, 351, 197-198.	13.9	38
48	Osteopontin dysregulation and lytic bone lesions in multiple myeloma. Hematological Oncology, 2007, 25, 16-20.	0.8	36
49	53BP1 Alters the Landscape of DNA Rearrangements and Suppresses AID-Induced B Cell Lymphoma. Molecular Cell, 2013, 49, 623-631.	4.5	33
50	Fate Mapping for Activation-Induced Cytidine Deaminase (AID) Marks Non-Lymphoid Cells During Mouse Development. PLoS ONE, 2013, 8, e69208.	1.1	28
51	ThehSSB1orthologueObfc2bis essential for skeletogenesis but dispensable for the DNA damage responsein vivo. EMBO Journal, 2012, 31, 4045-4056.	3.5	27
52	Role of the translocation partner in protection against AID-dependent chromosomal translocations. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 187-192.	3.3	25
53	Broad and potent neutralizing human antibodies to tick-borne flaviviruses protect mice from disease. Journal of Experimental Medicine, 2021, 218, .	4.2	25
54	A combination of two human monoclonal antibodies limits fetal damage by Zika virus in macaques. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7981-7989.	3.3	24

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55	RAG1/2 induces genomic insertions by mobilizing DNA into RAG1/2-independent breaks. Journal of Experimental Medicine, 2017, 214, 815-831.	4.2	15
56	miR-15a/16-1 deletion in activated B cells promotes plasma cell and mature B-cell neoplasms. Blood, 2021, 137, 1905-1919.	0.6	8
57	Structural basis for Zika envelope domain III recognition by a germline version of a recurrent neutralizing antibody. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9865-9875.	3.3	7
58	Maintained rules of development in a mouse B-cell tumor. Leukemia, 2005, 19, 1278-1280.	3.3	5
59	A New Way to Diversify Antibodies by DNA Transposition. Cell, 2016, 164, 601-602.	13.5	3
60	Neutralizing hepatitis B. Journal of Experimental Medicine, 2020, 217, .	4.2	2
61	A dark side to NS1 antibodies?. Journal of Experimental Medicine, 2021, 218, .	4.2	2
62	53BP1 regulates DNA resection and the choice between classical and alternative end joining during class switch recombination. Journal of Cell Biology, 2010, 189, i3-i3.	2.3	0
63	Mechanism of DNA resection during intrachromosomal recombination and immunoglobulin class switching. Journal of Cell Biology, 2012, 199, i11-i11.	2.3	0