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List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

5,919
citations

159585

30
h-index

189892

50
g-index

61
all docs

61
docs citations

61
times ranked

12360
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA vaccine protection against SARS-CoV-2 in rhesus macaques. <i>Science</i> , 2020, 369, 806-811.	12.6	978
2	Viral epitope profiling of COVID-19 patients reveals cross-reactivity and correlates of severity. <i>Science</i> , 2020, 370, .	12.6	511
3	Lactobacillus-Deficient Cervicovaginal Bacterial Communities Are Associated with Increased HIV Acquisition in Young South African Women. <i>Immunity</i> , 2017, 46, 29-37.	14.3	488
4	53BP1 Mediates Productive and Mutagenic DNA Repair through Distinct Phosphoprotein Interactions. <i>Cell</i> , 2013, 153, 1266-1280.	28.9	292
5	The RNA Exosome Targets the AID Cytidine Deaminase to Both Strands of Transcribed Duplex DNA Substrates. <i>Cell</i> , 2011, 144, 353-363.	28.9	275
6	Membrane fusion and immune evasion by the spike protein of SARS-CoV-2 Delta variant. <i>Science</i> , 2021, 374, 1353-1360.	12.6	246
7	Microbial colonization influences early B-lineage development in the gut lamina propria. <i>Nature</i> , 2013, 501, 112-115.	27.8	222
8	Structural basis for enhanced infectivity and immune evasion of SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 642-648.	12.6	211
9	ATM damage response and XLF repair factor are functionally redundant in joining DNA breaks. <i>Nature</i> , 2011, 469, 250-254.	27.8	184
10	Quick COVID-19 Healers Sustain Anti-SARS-CoV-2 Antibody Production. <i>Cell</i> , 2020, 183, 1496-1507.e16.	28.9	182
11	Alternative end-joining catalyzes robust IgH locus deletions and translocations in the combined absence of ligase 4 and Ku70. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3034-3039.	7.1	168
12	Alternative end-joining catalyzes class switch recombination in the absence of both Ku70 and DNA ligase 4. <i>Journal of Experimental Medicine</i> , 2010, 207, 417-427.	8.5	161
13	Safety, Costs, and Efficacy of Rapid Drug Desensitizations to Chemotherapy and Monoclonal Antibodies. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016, 4, 497-504.	3.8	156
14	The Microbiome, Timing, and Barrier Function in the Context of Allergic Disease. <i>Immunity</i> , 2016, 44, 728-738.	14.3	126
15	Mechanisms promoting translocations in editing and switching peripheral B cells. <i>Nature</i> , 2009, 460, 231-236.	27.8	113
16	Inactivation of wild-type p53 protein function by reactive oxygen and nitrogen species in malignant glioma cells. <i>Cancer Research</i> , 2003, 63, 8670-3.	0.9	108
17	Structural and functional impact by SARS-CoV-2 Omicron spike mutations. <i>Cell Reports</i> , 2022, 39, 110729.	6.4	102
18	Molecular regulation of CD40 gene expression in macrophages and microglia. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 7-12.	4.1	98

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19	Immature B cells preferentially switch to IgE with increased direct S $\frac{1}{4}$ to S $\frac{1}{\mu}$ recombination. Journal of Experimental Medicine, 2011, 208, 2733-2746.	8.5	95
20	Memory B cell repertoire for recognition of evolving SARS-CoV-2 spike. Cell, 2021, 184, 4969-4980.e15.	28.9	94
21	Analyzing Immunoglobulin Repertoires. Frontiers in Immunology, 2018, 9, 462.	4.8	89
22	The neonatal window of opportunity“ early priming for life. Journal of Allergy and Clinical Immunology, 2018, 141, 1212-1214.	2.9	87
23	SARS-CoV-2-specific ELISA development. Journal of Immunological Methods, 2020, 484-485, 112832.	1.4	77
24	STAT-1 \pm and IFN- β as Modulators of TNF- β Signaling in Macrophages: Regulation and Functional Implications of the TNF Receptor 1:STAT-1 \pm Complex. Journal of Immunology, 2003, 171, 5313-5319.	0.8	73
25	Functional redundancy between repair factor XLF and damage response mediator 53BP1 in V(D)J recombination and DNA repair. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2455-2460.	7.1	68
26	Suppressor of Cytokine Signaling 1 Inhibits Cytokine Induction of CD40 Expression in Macrophages. Journal of Immunology, 2002, 169, 2354-2360.	0.8	62
27	Multitarget, quantitative nanoplasmonic electrical field-enhanced resonating device (NE) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 States of America, 2015, 112, E4354-63.	7.1	56
28	Genetic regulation of OAS1 nonsense-mediated decay underlies association with COVID-19 hospitalization in patients of European and African ancestries. Nature Genetics, 2022, 54, 1103-1116.	21.4	54
29	TRADD interacts with STAT1- β and influences interferon- β signaling. Nature Immunology, 2004, 5, 199-207.	14.5	49
30	Microbial symbionts regulate the primary Ig repertoire. Journal of Experimental Medicine, 2018, 215, 1397-1415.	8.5	43
31	Immune recall improves antibody durability and breadth to SARS-CoV-2 variants. Science Immunology, 2022, 7, eabp8328.	11.9	40
32	Dissecting strategies to tune the therapeutic potential of SARS-CoV-2“specific monoclonal antibody CR3022. JCI Insight, 2021, 6, .	5.0	34
33	Stochasticity enables BCR-independent germinal center initiation and antibody affinity maturation. Journal of Experimental Medicine, 2018, 215, 77-90.	8.5	30
34	Rituximab Monotherapy for Common Variable Immune Deficiency-Associated Granulomatous-Lymphocytic Interstitial Lung Disease. Chest, 2019, 155, e117-e121.	0.8	30
35	Molecular Mechanisms of IgE Class Switch Recombination. Current Topics in Microbiology and Immunology, 2015, 388, 21-37.	1.1	29
36	Antibodies induced by an ancestral SARS-CoV-2 strain that cross-neutralize variants from Alpha to Omicron BA.1. Science Immunology, 2022, 7, eabo3425.	11.9	28

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37	SARS-CoV-2 epitope-specific CD4 ⁺ memory T cell responses across COVID-19 disease severity and antibody durability. <i>Science Immunology</i> , 2022, 7, .	11.9	25
38	Microbes and B Cell Development. <i>Advances in Immunology</i> , 2015, 125, 155-178.	2.2	24
39	Omicron's message on vaccines: Boosting begets breadth. <i>Cell</i> , 2022, 185, 411-413.	28.9	23
40	Primary immunoglobulin repertoire development: time and space matter. <i>Current Opinion in Immunology</i> , 2015, 33, 126-131.	5.5	20
41	IgH isotype-specific B cell receptor expression influences B cell fate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8411-E8420.	7.1	20
42	Reprogramming IgH isotype-switched B cells to functional-grade induced pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13745-13750.	7.1	17
43	Plateletpheresis-associated lymphopenia in frequent platelet donors. <i>Blood</i> , 2019, 133, 605-614.	1.4	17
44	Antibody Dynamics and Durability in Coronavirus Disease-19. <i>Clinics in Laboratory Medicine</i> , 2022, 42, 85-96.	1.4	16
45	Affinity war: forging immunoglobulin repertoires. <i>Current Opinion in Immunology</i> , 2019, 57, 32-39.	5.5	10
46	Deployment of Transchromosomal Bovine for Personalized Antimicrobial Therapy. <i>Clinical Infectious Diseases</i> , 2018, 66, 1116-1119.	5.8	9
47	Game of clones: How measles remodels the B cell landscape. <i>Science Immunology</i> , 2019, 4, .	11.9	4
48	Origins of peanut allergy-causing antibodies. <i>Science</i> , 2020, 367, 1072-1073.	12.6	4
49	Detection of True IgE-expressing Mouse B Lineage Cells. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	3
50	Alternative end-joining catalyzes class switch recombination in the absence of both Ku70 and DNA ligase 4. <i>Journal of Experimental Medicine</i> , 2013, 210, 641-641.	8.5	1
51	Gut Microbiota and Their Regulation. , 2015, , 293-304.		1
52	Interaction of STAT Signals with Other Signaling Pathways. , 2003, , 285-298.		0
53	Role of Microbes in B-Cell Lymphopoiesis and Early Ig Repertoire Development. <i>Blood</i> , 2014, 124, SCI-47-SCI-47.	1.4	0