Jayanta Chaudhuri

List of Publications by Year
in descending order

56	5,188	172457	161849
papers	citations	29 h-index	54 g-index

68	68	68	4989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Triple-helix potential of the mouse genome. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2203967119.	7.1	8
2	Assembly of a spatial circuit of T-betâ€“expressing T and B lymphocytes is required for antiviral humoral immunity. Science Immunology, 2021, 6, .	11.9	21
3	Editorial: B Cell Activation and Differentiation: New Perspectives on an Enduring Topic. Frontiers in Immunology, 2021, 12, 797548.	4.8	2
4	Temporal dynamics of persistent germinal centers and memory B cell differentiation following respiratory virus infection. Cell Reports, 2021, 37, 109961.	6.4	28
5	A Hyper-IgM Syndrome Mutation in Activation-Induced Cytidine Deaminase Disrupts G-Quadruplex Binding and Genome-wide Chromatin Localization. Immunity, 2020, 53, 952-970.e11.	14.3	21
6	Loss of H3K36 Methyltransferase SETD2 Impairs V(D)J Recombination during Lymphoid Development. IScience, 2020, 23, 100941.	4.1	6
7	TBL1XR1 Mutations Drive Extranodal Lymphoma by Inducing a Pro-tumorigenic Memory Fate. Cell, 2020, 182, 297-316.e27.	28.9	63
8	Uncoupling the DSB End-Protecting and CSR-Promoting Functions of 53BP1. Cell Reports, 2019, 28, 1387-1388.	6.4	1
9	The B Cell Activation-Induced miR-183 Cluster Plays a Minimal Role in Canonical Primary Humoral Responses. Journal of Immunology, 2019, 202, 1383-1396.	0.8	8
10	Outflanking immunodominance to target subdominant broadly neutralizing epitopes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13474-13479.	7.1	57
11	Distinct Requirements of CHD4 during B Cell Development and Antibody Response. Cell Reports, 2019, 27, 1472-1486.e5.	6.4	11
12	Cutting Edge: ATM Influences Germinal Center Integrity. Journal of Immunology, 2019, 202, 3137-3142.	0.8	6
13	<scp>NME</scp> proteins regulate class switch recombination. FEBS Letters, 2019, 593, 80-87.	2.8	10
14	AICDA drives epigenetic heterogeneity and accelerates germinal center-derived lymphomagenesis. Nature Communications, 2018, 9, 222.	12.8	51
15	Generating and repairing genetically programmed DNA breaks during immunoglobulin class switch recombination. F1000Research, 2018, 7, 458.	1.6	11
16	MRI Is a DNA Damage Response Adaptor during Classical Non-homologous End Joining. Molecular Cell, 2018, 71, 332-342.e8.	9.7	76
17	Aid is a key regulator of myeloid/erythroid differentiation and DNA methylation in hematopoietic stem/progenitor cells. Blood, 2017, 129, 1779-1790.	1.4	18
18	RNA editing packs a one-two punch. Nature, 2017, 542, 420-421.	27.8	19

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19	TIRR regulates 53BP1 by masking its histone methyl-lysine binding function. Nature, 2017, 543, 211-216.	27.8	96
20	Cutting Edge: The Transcription Factor Sox2 Regulates AID Expression in Class-Switched B Cells. Journal of Immunology, 2017, 198, 2244-2248.	0.8	0
21	A transcriptional serenAID: the role of noncoding RNAs in class switch recombination. International Immunology, 2017, 29, 183-196.	4.0	36
22	The aryl hydrocarbon receptor controls cell-fate decisions in B cells. Journal of Experimental Medicine, 2017, 214, 197-208.	8.5	83
23	BRCT-domain protein BRIT1 influences class switch recombination. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8354-8359.	7.1	5
24	AID Invited to the G4 Summit. Molecular Cell, 2017, 67, 355-357.	9.7	13
25	ATM loss leads to synthetic lethality in BRCA1 BRCT mutant mice associated with exacerbated defects in homology-directed repair. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7665-7670.	7.1	48
26	Regulating infidelity: RNAâ€mediated recruitment of AID to DNA during class switch recombination. European Journal of Immunology, 2016, 46, 523-530.	2.9	5
27	Defining ATM-Independent Functions of the Mre11 Complex with a Novel Mouse Model. Molecular Cancer Research, 2016, 14, 185-195.	3.4	9
28	Mutations, kataegis and translocations in B cells: understanding AID promiscuous activity. Nature Reviews Immunology, 2016, 16, 164-176.	22.7	153
29	Epigenetic Codes Programing Class Switch Recombination. Frontiers in Immunology, 2015, 6, 405.	4.8	14
30	miR-182 Is Largely Dispensable for Adaptive Immunity: Lack of Correlation between Expression and Function. Journal of Immunology, 2015, 194, 2635-2642.	0.8	31
31	Non-coding RNA Generated following Lariat Debranching Mediates Targeting of AID to DNA. Cell, 2015, 161, 762-773.	28.9	159
32	DNA Methylation Dynamics of Germinal Center B Cells Are Mediated by AID. Cell Reports, 2015, 12, 2086-2098.	6.4	87
33	Revisiting the Promethean Dream: The Role of Activationâ€induced Cytidine Deaminase in the Induction to Pluripotency. FASEB Journal, 2015, 29, 1029.13.	0.5	0
34	AIDing Chromatin and Transcription-Coupled Orchestration of Immunoglobulin Class-Switch Recombination. Frontiers in Immunology, 2014, 5, 120.	4.8	24
35	Regulation of Immunoglobulin Class-Switch Recombination. Advances in Immunology, 2014, 122, 1-57.	2.2	118
36	Binding of AID to DNA Does Not Correlate with Mutator Activity. Journal of Immunology, 2014, 193, 252-257.	0.8	25

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37	Biological function of activation-induced cytidine deaminase (AID). Biomedical Journal, 2014, 37, 269.	3.1	40
38	A DNA breakâ€“ and phosphorylation-dependent positive feedback loop promotes immunoglobulin class-switch recombination. Nature Immunology, 2013, 14, 1183-1189.	14.5	58
39	AID stabilizes stem-cell phenotype by removing epigenetic memory of pluripotency genes. Nature, 2013, 500, 89-92.	27.8	78
40	Combinatorial mechanisms regulating AID-dependent DNA deamination: Interacting proteins and post-translational modifications. Seminars in Immunology, 2012, 24, 264-272.	5.6	30
41	The splicing regulator PTBP2 interacts with the cytidine deaminase AID and promotes binding of AID to switch-region DNA. Nature Immunology, 2011, 12, 160-166.	14.5	108
42	CtIP promotes microhomology-mediated alternative end joining during class-switch recombination. Nature Structural and Molecular Biology, 2011, 18, 75-79.	8.2	171
43	Walking the AID tightrope. Nature Immunology, 2010, 11, 107-109.	14.5	11
44	Partners in Diversity: The Search for AID Co-Factors. Modecular Medicine and Medicinal, 2010, , 62-82.	0.4	1
45	Integrity of the AID serine-38 phosphorylation site is critical for class switch recombination and somatic hypermutation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2717-2722.	7.1	97
46	Specific recruitment of protein kinase A to the immunoglobulin locus regulates class-switch recombination. Nature Immunology, 2009, 10, 420-426.	14.5	102
47	Evolution of the Immunoglobulin Heavy Chain Class Switch Recombination Mechanism. Advances in Immunology, 2007, 94, 157-214.	2.2	221
48	IMMUNOLOGY: Antibodies Get a Break. Science, 2007, 315, 335-336.	12.6	6
49	The AID antibody diversification enzyme is regulated by protein kinase A phosphorylation. Nature, 2005, 438, 508-511.	27.8	240
50	Induction of activation-induced cytidine deaminase gene expression by IL-4 and CD40 ligation is dependent on STAT6 and NFÂB. International Immunology, 2004, 16, 395-404.	4.0	177
51	An evolutionarily conserved target motif for immunoglobulin class-switch recombination. Nature Immunology, 2004, 5, 1275-1281.	14.5	150
52	Class-switch recombination: interplay of transcription, DNA deamination and DNA repair. Nature Reviews Immunology, 2004, 4, 541-552.	22.7	508
53	Replication protein A interacts with AID to promote deamination of somatic hypermutation targets. Nature, 2004, 430, 992-998.	27.8	348
54	Transcription-targeted DNA deamination by the AID antibody diversification enzyme. Nature, 2003, 422, 726-730.	27.8	681

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55	Telomere dysfunction impairs DNA repair and enhances sensitivity to ionizing radiation. Nature Genetics, 2000, 26, 85-88.	21.4	297
56	Interplay of p53 and DNA-repair protein XRCC4 in tumorigenesis, genomic stability and development. Nature, 2000, 404, 897-900.	27.8	541