

Jayanta Chaudhuri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4233471/publications.pdf>

Version: 2024-02-01

56
papers

5,188
citations

172207

29
h-index

161609

54
g-index

68
all docs

68
docs citations

68
times ranked

4989
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcription-targeted DNA deamination by the AID antibody diversification enzyme. <i>Nature</i> , 2003, 422, 726-730.	13.7	681
2	Interplay of p53 and DNA-repair protein XRCC4 in tumorigenesis, genomic stability and development. <i>Nature</i> , 2000, 404, 897-900.	13.7	541
3	Class-switch recombination: interplay of transcription, DNA deamination and DNA repair. <i>Nature Reviews Immunology</i> , 2004, 4, 541-552.	10.6	508
4	Replication protein A interacts with AID to promote deamination of somatic hypermutation targets. <i>Nature</i> , 2004, 430, 992-998.	13.7	348
5	Telomere dysfunction impairs DNA repair and enhances sensitivity to ionizing radiation. <i>Nature Genetics</i> , 2000, 26, 85-88.	9.4	297
6	The AID antibody diversification enzyme is regulated by protein kinase A phosphorylation. <i>Nature</i> , 2005, 438, 508-511.	13.7	240
7	Evolution of the Immunoglobulin Heavy Chain Class Switch Recombination Mechanism. <i>Advances in Immunology</i> , 2007, 94, 157-214.	1.1	221
8	Induction of activation-induced cytidine deaminase gene expression by IL-4 and CD40 ligation is dependent on STAT6 and NFAB. <i>International Immunology</i> , 2004, 16, 395-404.	1.8	177
9	CtIP promotes microhomology-mediated alternative end joining during class-switch recombination. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 75-79.	3.6	171
10	Non-coding RNA Generated following Lariat Debranching Mediates Targeting of AID to DNA. <i>Cell</i> , 2015, 161, 762-773.	13.5	159
11	Mutations, kataegis and translocations in B cells: understanding AID promiscuous activity. <i>Nature Reviews Immunology</i> , 2016, 16, 164-176.	10.6	153
12	An evolutionarily conserved target motif for immunoglobulin class-switch recombination. <i>Nature Immunology</i> , 2004, 5, 1275-1281.	7.0	150
13	Regulation of Immunoglobulin Class-Switch Recombination. <i>Advances in Immunology</i> , 2014, 122, 1-57.	1.1	118
14	The splicing regulator PTBP2 interacts with the cytidine deaminase AID and promotes binding of AID to switch-region DNA. <i>Nature Immunology</i> , 2011, 12, 160-166.	7.0	108
15	Specific recruitment of protein kinase A to the immunoglobulin locus regulates class-switch recombination. <i>Nature Immunology</i> , 2009, 10, 420-426.	7.0	102
16	Integrity of the AID serine-38 phosphorylation site is critical for class switch recombination and somatic hypermutation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2717-2722.	3.3	97
17	TIRR regulates 53BP1 by masking its histone methyl-lysine binding function. <i>Nature</i> , 2017, 543, 211-216.	13.7	96
18	DNA Methylation Dynamics of Germinal Center B Cells Are Mediated by AID. <i>Cell Reports</i> , 2015, 12, 2086-2098.	2.9	87

#	ARTICLE	IF	CITATIONS
19	The aryl hydrocarbon receptor controls cell-fate decisions in B cells. <i>Journal of Experimental Medicine</i> , 2017, 214, 197-208.	4.2	83
20	AID stabilizes stem-cell phenotype by removing epigenetic memory of pluripotency genes. <i>Nature</i> , 2013, 500, 89-92.	13.7	78
21	MRI Is a DNA Damage Response Adaptor during Classical Non-homologous End Joining. <i>Molecular Cell</i> , 2018, 71, 332-342.e8.	4.5	76
22	TBL1XR1 Mutations Drive Extranodal Lymphoma by Inducing a Pro-tumorigenic Memory Fate. <i>Cell</i> , 2020, 182, 297-316.e27.	13.5	63
23	A DNA break- and phosphorylation-dependent positive feedback loop promotes immunoglobulin class-switch recombination. <i>Nature Immunology</i> , 2013, 14, 1183-1189.	7.0	58
24	Outflanking immunodominance to target subdominant broadly neutralizing epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13474-13479.	3.3	57
25	AICDA drives epigenetic heterogeneity and accelerates germinal center-derived lymphomagenesis. <i>Nature Communications</i> , 2018, 9, 222.	5.8	51
26	ATM loss leads to synthetic lethality in BRCA1 BRCT mutant mice associated with exacerbated defects in homology-directed repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7665-7670.	3.3	48
27	Biological function of activation-induced cytidine deaminase (AID). <i>Biomedical Journal</i> , 2014, 37, 269.	1.4	40
28	A transcriptional serenaID: the role of noncoding RNAs in class switch recombination. <i>International Immunology</i> , 2017, 29, 183-196.	1.8	36
29	miR-182 Is Largely Dispensable for Adaptive Immunity: Lack of Correlation between Expression and Function. <i>Journal of Immunology</i> , 2015, 194, 2635-2642.	0.4	31
30	Combinatorial mechanisms regulating AID-dependent DNA deamination: Interacting proteins and post-translational modifications. <i>Seminars in Immunology</i> , 2012, 24, 264-272.	2.7	30
31	Temporal dynamics of persistent germinal centers and memory B cell differentiation following respiratory virus infection. <i>Cell Reports</i> , 2021, 37, 109961.	2.9	28
32	Binding of AID to DNA Does Not Correlate with Mutator Activity. <i>Journal of Immunology</i> , 2014, 193, 252-257.	0.4	25
33	AIDing Chromatin and Transcription-Coupled Orchestration of Immunoglobulin Class-Switch Recombination. <i>Frontiers in Immunology</i> , 2014, 5, 120.	2.2	24
34	A Hyper-IgM Syndrome Mutation in Activation-Induced Cytidine Deaminase Disrupts G-Quadruplex Binding and Genome-wide Chromatin Localization. <i>Immunity</i> , 2020, 53, 952-970.e11.	6.6	21
35	Assembly of a spatial circuit of T-bet-expressing T and B lymphocytes is required for antiviral humoral immunity. <i>Science Immunology</i> , 2021, 6, .	5.6	21
36	RNA editing packs a one-two punch. <i>Nature</i> , 2017, 542, 420-421.	13.7	19

#	ARTICLE	IF	CITATIONS
37	Aid is a key regulator of myeloid/erythroid differentiation and DNA methylation in hematopoietic stem/progenitor cells. <i>Blood</i> , 2017, 129, 1779-1790.	0.6	18
38	Epigenetic Codes Programing Class Switch Recombination. <i>Frontiers in Immunology</i> , 2015, 6, 405.	2.2	14
39	AID Invited to the G4 Summit. <i>Molecular Cell</i> , 2017, 67, 355-357.	4.5	13
40	Walking the AID tightrope. <i>Nature Immunology</i> , 2010, 11, 107-109.	7.0	11
41	Generating and repairing genetically programmed DNA breaks during immunoglobulin class switch recombination. <i>F1000Research</i> , 2018, 7, 458.	0.8	11
42	Distinct Requirements of CHD4 during B Cell Development and Antibody Response. <i>Cell Reports</i> , 2019, 27, 1472-1486.e5.	2.9	11
43	<sc>NME</sc> proteins regulate class switch recombination. <i>FEBS Letters</i> , 2019, 593, 80-87.	1.3	10
44	Defining ATM-Independent Functions of the Mre11 Complex with a Novel Mouse Model. <i>Molecular Cancer Research</i> , 2016, 14, 185-195.	1.5	9
45	The B Cell Activation-Induced miR-183 Cluster Plays a Minimal Role in Canonical Primary Humoral Responses. <i>Journal of Immunology</i> , 2019, 202, 1383-1396.	0.4	8
46	Triple-helix potential of the mouse genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2203967119.	3.3	8
47	IMMUNOLOGY: Antibodies Get a Break. <i>Science</i> , 2007, 315, 335-336.	6.0	6
48	Cutting Edge: ATM Influences Germinal Center Integrity. <i>Journal of Immunology</i> , 2019, 202, 3137-3142.	0.4	6
49	Loss of H3K36 Methyltransferase SETD2 Impairs V(D)J Recombination during Lymphoid Development. <i>IScience</i> , 2020, 23, 100941.	1.9	6
50	Regulating infidelity: RNA-mediated recruitment of AID to DNA during class switch recombination. <i>European Journal of Immunology</i> , 2016, 46, 523-530.	1.6	5
51	BRCT-domain protein BRIT1 influences class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8354-8359.	3.3	5
52	Editorial: B Cell Activation and Differentiation: New Perspectives on an Enduring Topic. <i>Frontiers in Immunology</i> , 2021, 12, 797548.	2.2	2
53	Partners in Diversity: The Search for AID Co-Factors. <i>Modular Medicine and Medicinal</i> , 2010, , 62-82.	0.4	1
54	Uncoupling the DSB End-Protecting and CSR-Promoting Functions of 53BP1. <i>Cell Reports</i> , 2019, 28, 1387-1388.	2.9	1

#	ARTICLE	IF	CITATIONS
55	Cutting Edge: The Transcription Factor Sox2 Regulates AID Expression in Class-Switched B Cells. Journal of Immunology, 2017, 198, 2244-2248.	0.4	0
56	Revisiting the Promethean Dream: The Role of Activation-Induced Cytidine Deaminase in the Induction to Pluripotency. FASEB Journal, 2015, 29, 1029.13.	0.2	0