

Uttiya Basu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,209
citations

361413

20
h-index

361022

35
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39
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39
docs citations

39
times ranked

3050
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA Exosome-Regulated Long Non-Coding RNA Transcription Controls Super-Enhancer Activity. <i>Cell</i> , 2015, 161, 774-789.	28.9	370
2	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
3	The AID antibody diversification enzyme is regulated by protein kinase A phosphorylation. <i>Nature</i> , 2005, 438, 508-511.	27.8	240
4	Noncoding RNA transcription targets AID to divergently transcribed loci in B cells. <i>Nature</i> , 2014, 514, 389-393.	27.8	159
5	Mutations, kataegis and translocations in B cells: understanding AID promiscuous activity. <i>Nature Reviews Immunology</i> , 2016, 16, 164-176.	22.7	153
6	Regulation of long non-coding RNAs and genome dynamics by the RNA surveillance machinery. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 123-136.	37.0	132
7	Regulation of AID, the B-cell genome mutator. <i>Genes and Development</i> , 2013, 27, 1-17.	5.9	120
8	Transcriptomics Identify CD9 as a Marker of Murine IL-10-Competent Regulatory B Cells. <i>Cell Reports</i> , 2015, 13, 1110-1117.	6.4	95
9	Nuclear Proximity of Mtr4 to RNA Exosome Restricts DNA Mutational Asymmetry. <i>Cell</i> , 2017, 169, 523-537.e15.	28.9	56
10	Noncoding RNA processing by DIS3 regulates chromosomal architecture and somatic hypermutation in B cells. <i>Nature Genetics</i> , 2021, 53, 230-242.	21.4	56
11	Expression and Function of Tetraspanins and Their Interacting Partners in B Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1606.	4.8	54
12	The RNA Exosome Syncs IAV-RNAPII Transcription to Promote Viral Ribogenesis and Infectivity. <i>Cell</i> , 2017, 169, 679-692.e14.	28.9	48
13	Evolution of Phosphorylation-Dependent Regulation of Activation-Induced Cytidine Deaminase. <i>Molecular Cell</i> , 2008, 32, 285-291.	9.7	43
14	Lingering Questions about Enhancer RNA and Enhancer Transcription-Coupled Genomic Instability. <i>Trends in Genetics</i> , 2017, 33, 143-154.	6.7	41
15	ERK1/2 phosphorylation predicts survival following anti-PD-1 immunotherapy in recurrent glioblastoma. <i>Nature Cancer</i> , 2021, 2, 1372-1386.	13.2	39
16	CD8+ T-cell-Mediated Immunoediting Influences Genomic Evolution and Immune Evasion in Murine Gliomas. <i>Clinical Cancer Research</i> , 2020, 26, 4390-4401.	7.0	36
17	E3-ubiquitin ligase Nedd4 determines the fate of AID-associated RNA polymerase II in B cells. <i>Genes and Development</i> , 2013, 27, 1821-1833.	5.9	32
18	RNA Exosome Regulates AID DNA Mutator Activity in the B Cell Genome. <i>Advances in Immunology</i> , 2015, 127, 257-308.	2.2	29

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19	Noncoding RNA transcription alters chromosomal topology to promote isotype-specific class switch recombination. <i>Science Immunology</i> , 2020, 5, .	11.9	28
20	Mechanism of noncoding RNA-associated N6-methyladenosine recognition by an RNA processing complex during IgH DNA recombination. <i>Molecular Cell</i> , 2021, 81, 3949-3964.e7.	9.7	28
21	Regulation of Activation Induced Deaminase via Phosphorylation. , 2007, 596, 129-137.		21
22	Transcriptional stalling in B-lymphocytes. <i>Transcription</i> , 2013, 4, 127-135.	3.1	19
23	Biology of RNA Surveillance in Development and Disease. <i>Trends in Cell Biology</i> , 2019, 29, 428-445.	7.9	17
24	Regulation of activation-induced cytidine deaminase DNA deamination activity in B-cells by Ser38 phosphorylation. <i>Biochemical Society Transactions</i> , 2009, 37, 561-568.	3.4	15
25	RNA Exosome and Non-coding RNA-Coupled Mechanisms in AID-Mediated Genomic Alterations. <i>Journal of Molecular Biology</i> , 2017, 429, 3230-3241.	4.2	14
26	Post-transcriptional regulation by the exosome complex is required for cell survival and forebrain development via repression of P53 signaling. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	14
27	Post-translational regulation of activation-induced cytidine deaminase. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 667-673.	4.0	13
28	RNA Exosome Complex-Mediated Control of Redox Status in Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2017, 9, 1053-1061.	4.8	12
29	RNA exosome drives early B cell development via noncoding RNA processing mechanisms. <i>Science Immunology</i> , 2022, 7, .	11.9	11
30	A ChIP-exo screen of 887 Protein Capture Reagents Program transcription factor antibodies in human cells. <i>Genome Research</i> , 2021, 31, 1663-1679.	5.5	9
31	Effects of senataxin and RNA exosome on B-cell chromosomal integrity. <i>Heliyon</i> , 2020, 6, e03442.	3.2	7
32	Proteasomal Regulation of Mammalian SPT16 in Controlling Transcription. <i>Molecular and Cellular Biology</i> , 2021, 41, .	2.3	6
33	Ubiquitination Events That Regulate Recombination of Immunoglobulin Loci Gene Segments. <i>Frontiers in Immunology</i> , 2014, 5, 100.	4.8	5
34	The Common Key to Class-Switch Recombination and Somatic Hypermutation: Discovery of AID and Its Role in Antibody Gene Diversification. <i>Journal of Immunology</i> , 2018, 201, 2527-2529.	0.8	5
35	Malaria-Induced B Cell Genomic Instability. <i>Cell</i> , 2015, 162, 697-698.	28.9	3
36	Purification of Murine + B Cells for Analyses of Biological Functions and Transcriptomics. <i>Methods in Molecular Biology</i> , 2021, 2270, 307-321.	0.9	2