

Stephen P Methot

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

875
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms of Somatic Hypermutation and Class Switch Recombination. <i>Advances in Immunology</i> , 2017, 133, 37-87.	2.2	206
2	Establishment of H3K9-methylated heterochromatin and its functions in tissue differentiation and maintenance. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 623-640.	37.0	145
3	Guanine-Rich RNAs and DNAs That Bind Heme Robustly Catalyze Oxygen Transfer Reactions. <i>Journal of the American Chemical Society</i> , 2011, 133, 1877-1884.	13.7	120
4	PRMT5 is essential for B cell development and germinal center dynamics. <i>Nature Communications</i> , 2019, 10, 22.	12.8	61
5	Activation induced deaminase C-terminal domain links DNA breaks to end protection and repair during class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E988-97.	7.1	52
6	Synergistic lethality between BRCA1 and H3K9me2 loss reflects satellite derepression. <i>Genes and Development</i> , 2019, 33, 436-451.	5.9	48
7	H3K9me selectively blocks transcription factor activity and ensures differentiated tissue integrity. <i>Nature Cell Biology</i> , 2021, 23, 1163-1175.	10.3	37
8	Optimal functional levels of activation-induced deaminase specifically require the Hsp40 Dnaja1. <i>EMBO Journal</i> , 2012, 31, 679-691.	7.8	35
9	Consecutive interactions with HSP90 and eEF1A underlie a functional maturation and storage pathway of AID in the cytoplasm. <i>Journal of Experimental Medicine</i> , 2015, 212, 581-596.	8.5	35
10	A licensing step links AID to transcription elongation for mutagenesis in B cells. <i>Nature Communications</i> , 2018, 9, 1248.	12.8	35
11	A Combined Nuclear and Nucleolar Localization Motif in Activation-Induced Cytidine Deaminase (AID) Controls Immunoglobulin Class Switching. <i>Journal of Molecular Biology</i> , 2013, 425, 424-443.	4.2	32
12	Heterochromatic foci and transcriptional repression by an unstructured MET-2/SETDB1 co-factor LIN-65. <i>Journal of Cell Biology</i> , 2019, 218, 820-838.	5.2	21
13	Argonaute NRDE-3 and MBT domain protein LIN-61 redundantly recruit an H3K9me3 HMT to prevent embryonic lethality and transposon expression. <i>Genes and Development</i> , 2021, 35, 82-101.	5.9	16
14	SETDB1-like MET-2 promotes transcriptional silencing and development independently of its H3K9me-associated catalytic activity. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 85-96.	8.2	11
15	Targeting the Tumour Vasculature: Exploitation of Low Oxygenation and Sensitivity to NOS Inhibition by Treatment with a Hypoxic Cytotoxin. <i>PLoS ONE</i> , 2013, 8, e76832.	2.5	10
16	AID overexpression leads to aggressive murine CLL and nonimmunoglobulin mutations that mirror human neoplasms. <i>Blood</i> , 2021, 138, 246-258.	1.4	10
17	Pharmacological manipulation of AID. <i>Oncotarget</i> , 2015, 6, 26550-26551.	1.8	1
18	Consecutive interactions with HSP90 and eEF1A underlie a functional maturation and storage pathway of AID in the cytoplasm. <i>Journal of Cell Biology</i> , 2015, 209, 20910IA64.	5.2	0

#	ARTICLE	IF	CITATIONS
19	Cell-based Assays to Monitor AID Activity. Bio-protocol, 2016, 6, .	0.4	0