# Stephen P Methot

List of Publications by Year
in descending order



| 19 | 875 | 759233 12 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 20 | 20 | 20 | 1172 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | SETDB1-like MET-2 promotes transcriptional silencing and development independently of its H3K9me-associated catalytic activity. Nature Structural and Molecular Biology, 2022, 29, 85-96. | 8.2 | 11 |
| 2 | Establishment of H3K9-methylated heterochromatin and its functions in tissue differentiation and maintenance. Nature Reviews Molecular Cell Biology, 2022, 23, 623-640. | 37.0 | 145 |
| 3 | Argonaute NRDE-3 and MBT domain protein LIN-61 redundantly recruit an H3K9me3 HMT to prevent embryonic lethality and transposon expression. Genes and Development, 2021, 35, 82-101. | 5.9 | 16 |
| 4 | AID overexpression leads to aggressive murine CLL and nonimmunoglobulin mutations that mirror human neoplasms. Blood, 2021, 138, 246-258. | 1.4 | 10 |
| 5 | H3K9me selectively blocks transcription factor activity and ensures differentiated tissue integrity. Nature Cell Biology, 2021, 23, 1163-1175. | 10.3 | 37 |
| 6 | Heterochromatic foci and transcriptional repression by an unstructured MET-2/SETDB1 co-factor LIN-65. Journal of Cell Biology, 2019, 218, 820-838. | 5.2 | 21 |
| 7 | Synergistic lethality between BRCA1 and H3K9me2 loss reflects satellite derepression. Genes and Development, 2019, 33, 436-451. | 5.9 | 48 |
| 8 | PRMT5 is essential for B cell development and germinal center dynamics. Nature Communications, 2019, 10, 22. | 12.8 | 61 |
| 9 | A licensing step links AID to transcription elongation for mutagenesis in B cells. Nature Communications, 2018, 9, 1248. | 12.8 | 35 |
| 10 | Molecular Mechanisms of Somatic Hypermutation and Class Switch Recombination. Advances in Immunology, 2017, 133, 37-87. | 2.2 | 206 |
| 11 | Cell-based Assays to Monitor AID Activity. Bio-protocol, 2016, 6, . | 0.4 | 0 |
| 12 | Consecutive interactions with HSP90 and eEF1A underlie a functional maturation and storage pathway of AID in the cytoplasm. Journal of Experimental Medicine, 2015, 212, 581-596. | 8.5 | 35 |
| 13 | Pharmacological manipulation of AID. Oncotarget, 2015, 6, 26550-26551. | 1.8 | 1 |
| 14 | Consecutive interactions with HSP90 and eEF1A underlie a functional maturation and storage pathway of AID in the cytoplasm. Journal of Cell Biology, 2015, 209, 2091OIA64. | 5.2 | 0 |
| 15 | Activation induced deaminase C-terminal domain links DNA breaks to end protection and repair during class switch recombination. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E988-97. | 7.1 | 52 |
| 16 | A Combined Nuclear and Nucleolar Localization Motif in Activation-Induced Cytidine Deaminase (AID) Controls Immunoglobulin Class Switching. Journal of Molecular Biology, 2013, 425, 424-443. | 4.2 | 32 |
| 17 | Targeting the Tumour Vasculature: Exploitation of Low Oxygenation and Sensitivity to NOS Inhibition by Treatment with a Hypoxic Cytotoxin. PLoS ONE, 2013, 8, e76832. | 2.5 | 10 |
| 18 | Optimal functional levels of activation-induced deaminase specifically require the Hsp40 DnaJa1. EMBO Journal, 2012, 31, 679-691. | 7.8 | 35 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Guanine-Rich RNAs and DNAs That Bind Heme Robustly Catalyze Oxygen Transfer Reactions. Journal of the American Chemical Society, 2011, 133, 1877-1884. | 13.7 | 120 |