

Christine E Schaner Tooley

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

486
citations

933447

10
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	NRMT is an N-methyltransferase that methylates RCC1 and retinoblastoma protein. <i>Nature</i> , 2010, 466, 1125-1128.	27.8	109
2	HNRNPA2/B1 is upregulated in endocrine-resistant LCC9 breast cancer cells and alters the miRNA transcriptome when overexpressed in MCF-7 cells. <i>Scientific Reports</i> , 2019, 9, 9430.	3.3	78
3	Substrate Specificity of Mammalian N-Terminal N-Amino Methyltransferase NRMT. <i>Biochemistry</i> , 2012, 51, 5942-5950.	2.5	51
4	NRMT2 is an N-terminal monomethylase that primes for its homologue NRMT1. <i>Biochemical Journal</i> , 2013, 456, 453-462.	3.7	42
5	NRMT1 knockout mice exhibit phenotypes associated with impaired DNA repair and premature aging. <i>Mechanisms of Ageing and Development</i> , 2015, 146-148, 42-52.	4.6	39
6	Loss of the N-terminal methyltransferase NRMT1 increases sensitivity to DNA damage and promotes mammary oncogenesis. <i>Oncotarget</i> , 2015, 6, 12248-12263.	1.8	35
7	New roles for old modifications: Emerging roles of N-terminal post-translational modifications in development and disease. <i>Protein Science</i> , 2014, 23, 1641-1649.	7.6	25
8	Select human cancer mutants of NRMT1 alter its catalytic activity and decrease N-terminal trimethylation. <i>Protein Science</i> , 2017, 26, 1639-1652.	7.6	25
9	N-terminal acetylation and methylation differentially affect the function of MYL9. <i>Biochemical Journal</i> , 2018, 475, 3201-3219.	3.7	25
10	The N-terminal methyltransferase homologs NRMT1 and NRMT2 exhibit novel regulation of activity through heterotrimer formation. <i>Protein Science</i> , 2018, 27, 1585-1599.	7.6	12
11	Selective Peptidomimetic Inhibitors of NTMT1/2: Rational Design, Synthesis, Characterization, and Crystallographic Studies. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9512-9522.	6.4	11
12	Novel regulation of the transcription factor ZHX2 by N-terminal methylation. <i>Transcription</i> , 2022, 13, 1-15.	3.1	11
13	CREB-mediated transcriptional activation of NRMT1 drives muscle differentiation. <i>Transcription</i> , 2021, 12, 72-88.	3.1	9
14	Age-related neurodegeneration and cognitive impairments of NRMT1 knockout mice are preceded by misregulation of RB and abnormal neural stem cell development. <i>Cell Death and Disease</i> , 2021, 12, 1014.	6.3	9