

Olov A Wallner

List of Publications by Year in descending order

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13
papers

802
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933264

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docs citations

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1409
citing authors

#	ARTICLE	IF	CITATIONS
1	MTH1 inhibition eradicates cancer by preventing sanitation of the dNTP pool. <i>Nature</i> , 2014, 508, 215-221.	13.7	419
2	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018, 362, 834-839.	6.0	156
3	Targeted NUDT5 inhibitors block hormone signaling in breast cancer cells. <i>Nature Communications</i> , 2018, 9, 250.	5.8	56
4	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020, 48, 12234-12251.	6.5	29
5	Novel Broad-Spectrum Antiviral Inhibitors Targeting Host Factors Essential for Replication of Pathogenic RNA Viruses. <i>Viruses</i> , 2020, 12, 1423.	1.5	22
6	Small molecule inhibitor of OGG1 blocks oxidative DNA damage repair at telomeres and potentiates methotrexate anticancer effects. <i>Scientific Reports</i> , 2021, 11, 3490.	1.6	21
7	Small-molecule activation of OGG1 increases oxidative DNA damage repair by gaining a new function. <i>Science</i> , 2022, 376, 1471-1476.	6.0	20
8	Computational and Experimental Druggability Assessment of Human DNA Glycosylases. <i>ACS Omega</i> , 2019, 4, 11642-11656.	1.6	19
9	MTH1 Inhibitor TH1579 Induces Oxidative DNA Damage and Mitotic Arrest in Acute Myeloid Leukemia. <i>Cancer Research</i> , 2021, 81, 5733-5744.	0.4	15
10	Broadly Active Antiviral Compounds Disturb Zika Virus Progeny Release Rescuing Virus-Induced Toxicity in Brain Organoids. <i>Viruses</i> , 2021, 13, 37.	1.5	15
11	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	3.9	14
12	Crystal structures of NUDT15 variants enabled by a potent inhibitor reveal the structural basis for thiopurine sensitivity. <i>Journal of Biological Chemistry</i> , 2021, 296, 100568.	1.6	8
13	Assembly and Application of a Low Budget Photoreactor**. <i>Chemistry Methods</i> , 2021, 1, 240-244.	1.8	5