

Ulrika Warpman Berglund

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5445216/publications.pdf>

Version: 2024-02-01

38
papers

1,811
citations

430874

18
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

2764
citing authors

#	ARTICLE	IF	CITATIONS
1	MTH1 inhibition eradicates cancer by preventing sanitation of the dNTP pool. <i>Nature</i> , 2014, 508, 215-221.	27.8	419
2	Stereospecific targeting of MTH1 by (S)-crizotinib as an anticancer strategy. <i>Nature</i> , 2014, 508, 222-227.	27.8	336
3	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018, 362, 834-839.	12.6	156
4	Cancer-Specific Synthetic Lethality between ATR and CHK1 Kinase Activities. <i>Cell Reports</i> , 2016, 14, 298-309.	6.4	105
5	Crystal structure, biochemical and cellular activities demonstrate separate functions of MTH1 and MTH2. <i>Nature Communications</i> , 2015, 6, 7871.	12.8	96
6	Global survey of the immunomodulatory potential of common drugs. <i>Nature Chemical Biology</i> , 2017, 13, 681-690.	8.0	53
7	Discovery of the First Potent and Selective Inhibitors of Human dCTP Pyrophosphatase 1. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1140-1148.	6.4	40
8	Hypoxic Signaling and the Cellular Redox Tumor Environment Determine Sensitivity to MTH1 Inhibition. <i>Cancer Research</i> , 2016, 76, 2366-2375.	0.9	40
9	A patient-derived xenograft pre-clinical trial reveals treatment responses and a resistance mechanism to karonudib in metastatic melanoma. <i>Cell Death and Disease</i> , 2018, 9, 810.	6.3	38
10	<i>Ex vivo</i> culture of cells derived from circulating tumour cell xenograft to support small cell lung cancer research and experimental therapeutics. <i>British Journal of Pharmacology</i> , 2019, 176, 436-450.	5.4	34
11	Fragment-Based Discovery and Optimization of Enzyme Inhibitors by Docking of Commercial Chemical Space. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8160-8169.	6.4	32
12	Pharmacological targeting of MTHFD2 suppresses acute myeloid leukemia by inducing thymidine depletion and replication stress. <i>Nature Cancer</i> , 2022, 3, 156-172.	13.2	30
13	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020, 48, 12234-12251.	14.5	29
14	Glioblastoma and glioblastoma stem cells are dependent on functional MTH1. <i>Oncotarget</i> , 2017, 8, 84671-84684.	1.8	29
15	Karonudib is a promising anticancer therapy in hepatocellular carcinoma. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591986696.	3.2	23
16	TH1579, MTH1 inhibitor, delays tumour growth and inhibits metastases development in osteosarcoma model. <i>EBioMedicine</i> , 2020, 53, 102704.	6.1	23
17	AXL and CAV-1 play a role for MTH1 inhibitor TH1579 sensitivity in cutaneous malignant melanoma. <i>Cell Death and Differentiation</i> , 2020, 27, 2081-2098.	11.2	20
18	Small-molecule activation of OGG1 increases oxidative DNA damage repair by gaining a new function. <i>Science</i> , 2022, 376, 1471-1476.	12.6	20

#	ARTICLE	IF	CITATIONS
19	Piperazin-1-ylpyridazine Derivatives Are a Novel Class of Human dCTP Pyrophosphatase 1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4279-4292.	6.4	19
20	Mutations in Cancer Cause Gain of Cysteine, Histidine, and Tryptophan at the Expense of a Net Loss of Arginine on the Proteome Level. <i>Biomolecules</i> , 2017, 7, 49.	4.0	19
21	Computational and Experimental Druggability Assessment of Human DNA Glycosylases. <i>ACS Omega</i> , 2019, 4, 11642-11656.	3.5	19
22	NEIL3 Prevents Senescence in Hepatocellular Carcinoma by Repairing Oxidative Lesions at Telomeres during Mitosis. <i>Cancer Research</i> , 2021, 81, 4079-4093.	0.9	19
23	In silico Druggability Assessment of the NUDIX Hydrolase Protein Family as a Workflow for Target Prioritization. <i>Frontiers in Chemistry</i> , 2020, 8, 443.	3.6	16
24	MTH1 Inhibitor TH588 Disturbs Mitotic Progression and Induces Mitosis-Dependent Accumulation of Genomic 8-oxodG. <i>Cancer Research</i> , 2020, 80, 3530-3541.	0.9	16
25	MTH1 Inhibitor TH1579 Induces Oxidative DNA Damage and Mitotic Arrest in Acute Myeloid Leukemia. <i>Cancer Research</i> , 2021, 81, 5733-5744.	0.9	15
26	Broadly Active Antiviral Compounds Disturb Zika Virus Progeny Release Rescuing Virus-Induced Toxicity in Brain Organoids. <i>Viruses</i> , 2021, 13, 37.	3.3	15
27	Identification of Triazolothiadiazoles as Potent Inhibitors of the dCTP Pyrophosphatase 1. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2148-2154.	6.4	14
28	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	8.0	14
29	MutT homologue 1 (MTH1) catalyzes the hydrolysis of mutagenic O6-methyl-dGTP. <i>Nucleic Acids Research</i> , 2018, 46, 10888-10904.	14.5	13
30	Crystal Structures and Inhibitor Interactions of Mouse and Dog MTH1 Reveal Species-Specific Differences in Affinity. <i>Biochemistry</i> , 2018, 57, 593-603.	2.5	11
31	MutT homologue 1 (MTH1) removes N6-methyl-dATP from the dNTP pool. <i>Journal of Biological Chemistry</i> , 2020, 295, 4761-4772.	3.4	10
32	MTH1 Inhibitors for the Treatment of Psoriasis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2037-2048.e4.	0.7	10
33	NUDT15-mediated hydrolysis limits the efficacy of anti-HCMV drug ganciclovir. <i>Cell Chemical Biology</i> , 2021, 28, 1693-1702.e6.	5.2	9
34	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.	3.4	8
35	MTH1 as a target to alleviate T cell driven diseases by selective suppression of activated T cells. <i>Cell Death and Differentiation</i> , 2021, , .	11.2	6
36	Karonudib has potent anti-tumor effects in preclinical models of B-cell lymphoma. <i>Scientific Reports</i> , 2021, 11, 6317.	3.3	5

#	ARTICLE	IF	CITATIONS
37	Coexpression of MTH1 and PMS2 Is Associated with Advanced Disease and Disease Progression after Therapy in Melanoma. <i>Journal of Investigative Dermatology</i> , 2022, 142, 736-740.e6.	0.7	4
38	Inhibition of Oxidized Nucleotide Sanitation By TH1579 and Conventional Chemotherapy Cooperatively Enhance Oxidative DNA Damage and Survival in AML. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 703-714.	4.1	3