

Martin Scobie

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,281
citations

471061

17
h-index

433756

31
g-index

34
all docs

34
docs citations

34
times ranked

2304
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	Cancer-Specific Synthetic Lethality between ATR and CHK1 Kinase Activities. <i>Cell Reports</i> , 2016, 14, 298-309.	2.9	105
4	Rational design and validation of a Tip60 histone acetyltransferase inhibitor. <i>Scientific Reports</i> , 2014, 4, 5372.	1.6	103
5	Targeted NUDT5 inhibitors block hormone signaling in breast cancer cells. <i>Nature Communications</i> , 2018, 9, 250.	5.8	56
6	Discovery of the First Potent and Selective Inhibitors of Human dCTP Pyrophosphatase 1. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1140-1148.	2.9	40
7	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.	2.7	38
8	A new concise synthesis of 2,3-dihydroquinazolin-4(1H)-one derivatives. <i>New Journal of Chemistry</i> , 2013, 37, 3595.	1.4	36
9	Fragment-Based Discovery and Optimization of Enzyme Inhibitors by Docking of Commercial Chemical Space. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8160-8169.	2.9	32
10	Pharmacological targeting of MTHFD2 suppresses acute myeloid leukemia by inducing thymidine depletion and replication stress. <i>Nature Cancer</i> , 2022, 3, 156-172.	5.7	30
11	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020, 48, 12234-12251.	6.5	29
12	dUTPase inhibition augments replication defects of 5-Fluorouracil. <i>Oncotarget</i> , 2017, 8, 23713-23726.	0.8	27
13	Application of combinatorial techniques in the synthesis of unsymmetrically substituted 5,15-diphenylporphyrins. <i>Tetrahedron Letters</i> , 2000, 41, 2753-2757.	0.7	20
14	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
15	Parallel synthesis of unsymmetrically substituted tetraphenyl porphyrins on Wang resin. <i>Tetrahedron Letters</i> , 2003, 44, 5083-5086.	0.7	19
16	Piperazin-1-ylpyridazine Derivatives Are a Novel Class of Human dCTP Pyrophosphatase 1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4279-4292.	2.9	19
17	Computational and Experimental Druggability Assessment of Human DNA Glycosylases. <i>ACS Omega</i> , 2019, 4, 11642-11656.	1.6	19
18	A Convenient Microwave-Assisted Propylphosphonic Anhydride (T3P) Mediated One-Pot Pyrazolone Synthesis. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5879-5885.	1.2	16

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19	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
20	Identification of Triazolothiadiazoles as Potent Inhibitors of the dCTP Pyrophosphatase 1. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2148-2154.	2.9	14
21	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	3.9	14
22	A facile and efficient synthesis of tetrahydro- β -carbolines. <i>Tetrahedron Letters</i> , 2013, 54, 3554-3557.	0.7	13
23	MTH1 Inhibitors for the Treatment of Psoriasis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2037-2048.e4.	0.3	10
24	NUDT15-mediated hydrolysis limits the efficacy of anti-HCMV drug ganciclovir. <i>Cell Chemical Biology</i> , 2021, 28, 1693-1702.e6.	2.5	9
25	Crystal structures of NUDT15 variants enabled by a potent inhibitor reveal the structural basis for thio purine sensitivity. <i>Journal of Biological Chemistry</i> , 2021, 296, 100568.	1.6	8
26	Diverse heterocyclic scaffolds as dCTP pyrophosphatase 1 inhibitors. Part 2: Pyridone- and pyrimidinone-derived systems. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3219-3225.	1.0	4
27	Rapid and Convenient Microwave-Assisted Synthesis of Primary Amines via Reductive N-alkylation of Methyl Carbamate with Aldehydes. <i>Synthesis</i> , 2008, 2008, 1679-1681.	1.2	3
28	Diverse heterocyclic scaffolds as dCTP pyrophosphatase 1 inhibitors. Part 1: Triazoles, triazolopyrimidines, triazinoindoles, quinoline hydrazones and arylpiperazines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3897-3904.	1.0	2
29	Structure–metabolism relationships in the microsomal clearance of piperazin-1-ylpyridazines. <i>MedChemComm</i> , 2017, 8, 1553-1560.	3.5	1