Martin Scobie

List of Publications by Year
in descending order

29 papers	1,281 citations	471509 17 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	2304 citing authors

#	Article	IF	Citations
1	Pharmacological targeting of MTHFD2 suppresses acute myeloid leukemia by inducing thymidine depletion and replication stress. Nature Cancer, 2022, 3, 156-172.	13.2	30
2	Small-molecule activation of OGG1 increases oxidative DNA damage repair by gaining a new function. Science, 2022, 376, 1471-1476.	12.6	20
3	Crystal structures of NUDT15 variants enabled by a potent inhibitor reveal the structural basis for thiopurine sensitivity. Journal of Biological Chemistry, 2021, 296, 100568.	3.4	8
4	NUDT15-mediated hydrolysis limits the efficacy of anti-HCMV drug ganciclovir. Cell Chemical Biology, 2021, 28, 1693-1702.e6.	5.2	9
5	MTH1 Inhibitors for the Treatment of Psoriasis. Journal of Investigative Dermatology, 2021, 141, 2037-2048.e4.	0.7	10
6	MTH1 Inhibitor TH1579 Induces Oxidative DNA Damage and Mitotic Arrest in Acute Myeloid Leukemia. Cancer Research, 2021, 81, 5733-5744.	0.9	15
7	Development of a chemical probe against NUDT15. Nature Chemical Biology, 2020, 16, 1120-1128.	8.0	14
8	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. Nucleic Acids Research, 2020, 48, 12234-12251.	14.5	29
9	Computational and Experimental Druggability Assessment of Human DNA Glycosylases. ACS Omega, 2019, 4, 11642-11656.	3.5	19
10	Targeted NUDT5 inhibitors block hormone signaling in breast cancer cells. Nature Communications, 2018, 9, 250.	12.8	56
11	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. Science, 2018, 362, 834-839.	12.6	156
12	A patient-derived xenograft pre-clinical trial reveals treatment responses and a resistance mechanism to karonudib in metastatic melanoma. Cell Death and Disease, 2018, 9, 810.	6.3	38
13	Identification of Triazolothiadiazoles as Potent Inhibitors of the dCTP Pyrophosphatase 1. Journal of Medicinal Chemistry, 2017, 60, 2148-2154.	6.4	14
14	Piperazin-1-ylpyridazine Derivatives Are a Novel Class of Human dCTP Pyrophosphatase 1 Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 4279-4292.	6.4	19
15	Diverse heterocyclic scaffolds as dCTP pyrophosphatase 1 inhibitors. Part 2: Pyridone- and pyrimidinone-derived systems. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3219-3225.	2.2	4
16	Diverse heterocyclic scaffolds as dCTP pyrophosphatase 1 inhibitors. Part 1: Triazoles, triazolopyrimidines, triazinoindoles, quinoline hydrazones and arylpiperazines. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3897-3904.	2.2	2
17	Fragment-Based Discovery and Optimization of Enzyme Inhibitors by Docking of Commercial Chemical Space. Journal of Medicinal Chemistry, 2017, 60, 8160-8169.	6.4	32
18	Structureâ€“metabolism-relationships in the microsomal clearance of piperazin-1-ylpyridazines. MedChemComm, 2017, 8, 1553-1560.	3.4	1

#	Article	IF	Citations
19	dUTPase inhibition augments replication defects of 5-Fluorouracil. Oncotarget, 2017, 8, 23713-23726.	1.8	27
20	Discovery of the First Potent and Selective Inhibitors of Human dCTP Pyrophosphatase 1. Journal of Medicinal Chemistry, 2016, 59, 1140-1148.	6.4	40
21	Cancer-Specific Synthetic Lethality between ATR and CHK1 Kinase Activities. Cell Reports, 2016, 14, 298-309.	6.4	105
22	MTH1 inhibition eradicates cancer by preventing sanitation of the dNTP pool. Nature, 2014, 508, 215-221.	27.8	419
23	Rational design and validation of a Tip60 histone acetyltransferase inhibitor. Scientific Reports, 2014, 4, 5372.	3.3	103
24	A Convenient Microwaveâ€Assisted Propylphosphonic Anhydride (T3P^{Â®}) Mediated Oneâ€Pot Pyrazolone Synthesis. European Journal of Organic Chemistry, 2013, 2013, 5879-5885.	2.4	16
25	A new concise synthesis of 2,3-dihydroquinazolin-4(1H)-one derivatives. New Journal of Chemistry, 2013, 37, 3595.	2.8	36
26	A facile and efficient synthesis of tetrahydro-Î²-carbolines. Tetrahedron Letters, 2013, 54, 3554-3557.	1.4	13
27	Rapid and Convenient Microwave-Assisted Synthesis of Primary Amines via Reductive N-Alkylation of Methyl Carbamate with Aldehydes. Synthesis, 2008, 2008, 1679-1681.	2.3	3
28	Parallel synthesis of unsymmetrically substituted tetraphenyl porphyrins on Wang resin. Tetrahedron Letters, 2003, 44, 5083-5086.	1.4	19
29	Application of combinatorial techniques in the synthesis of unsymmetrically substituted 5,15-diphenylporphyrins. Tetrahedron Letters, 2000, 41, 2753-2757.	1.4	20