Martin Scobie

List of Publications by Citations

28 papers	827 citations	14 h-index	28 g-index
34 ext. papers	1,085 ext. citations	9.9 avg, IF	3.01 L-index

#	Paper	IF	Citations
28	MTH1 inhibition eradicates cancer by preventing sanitation of the dNTP pool. *Nature*, **2014**, 508, 215-21	50.4	326
27	Cancer-Specific Synthetic Lethality between ATR and CHK1 Kinase Activities. *Cell Reports*, **2016**, 14, 298-309	8.6	72
26	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. *Science*, **2018**, 362, 834-839	33.3	71
25	Rational design and validation of a Tip60 histone acetyltransferase inhibitor. *Scientific Reports*, **2014**, 4, 5372	4.9	70
24	Discovery of the First Potent and Selective Inhibitors of Human dCTP Pyrophosphatase 1. *Journal of Medicinal Chemistry*, **2016**, 59, 1140-1148	8.3	30
23	A new concise synthesis of 2,3-dihydroquinazolin-4(1H)-one derivatives. *New Journal of Chemistry*, **2013**, 37, 3595	3.6	30
22	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	9.8	29
21	Targeted NUDT5 inhibitors block hormone signaling in breast cancer cells. *Nature Communications*, **2018**, 9, 250	17.4	28
20	Fragment-Based Discovery and Optimization of Enzyme Inhibitors by Docking of Commercial Chemical Space. *Journal of Medicinal Chemistry*, **2017**, 60, 8160-8169	8.3	25
19	Parallel synthesis of unsymmetrically substituted tetraphenyl porphyrins on Wang resin. *Tetrahedron Letters*, **2003**, 44, 5083-5086	2	19
18	dUTPase inhibition augments replication defects of 5-Fluorouracil. *Oncotarget*, **2017**, 8, 23713-23726	3.3	18
17	Application of combinatorial techniques in the synthesis of unsymmetrically substituted 5,15-diphenylporphyrins. *Tetrahedron Letters*, **2000**, 41, 2753-2757	2	17
16	Piperazin-1-ylpyridazine Derivatives Are a Novel Class of Human dCTP Pyrophosphatase 1 Inhibitors. *Journal of Medicinal Chemistry*, **2017**, 60, 4279-4292	8.3	14
15	A Convenient Microwave-Assisted Propylphosphonic Anhydride (T3P□) Mediated One-Pot Pyrazolone Synthesis. *European Journal of Organic Chemistry*, **2013**, 2013, 5879-5885	3.2	14
14	Identification of Triazolothiadiazoles as Potent Inhibitors of the dCTP Pyrophosphatase 1. *Journal of Medicinal Chemistry*, **2017**, 60, 2148-2154	8.3	12
13	Computational and Experimental Druggability Assessment of Human DNA Glycosylases. *ACS Omega*, **2019**, 4, 11642-11656	3.9	11
12	A facile and efficient synthesis of tetrahydro-□carbolines. *Tetrahedron Letters*, **2013**, 54, 3554-3557	2	11

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11	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. *Nucleic Acids Research*, **2020**, 48, 12234-12251	20.1	8
10	Development of a chemical probe against NUDT15. *Nature Chemical Biology*, **2020**, 16, 1120-1128	11.7	5
9	Diverse heterocyclic scaffolds as dCTP pyrophosphatase 1 inhibitors. Part 2: Pyridone- and pyrimidinone-derived systems. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 3219-3225	2.9	3
8	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	2.9	2
7	Rapid and Convenient Microwave-Assisted Synthesis of Primary Amines via Reductive N-Alkylation of Methyl Carbamate with Aldehydes. *Synthesis*, **2008**, 2008, 1679-1681	2.9	2
6	Crystal structures of NUDT15 variants enabled by a potent inhibitor reveal the structural basis for thiopurine sensitivity. *Journal of Biological Chemistry*, **2021**, 296, 100568	5.4	2
5	Pharmacological targeting of MTHFD2 suppresses acute myeloid leukemia by inducing thymidine depletion and replication stress.. *Nature Cancer*, **2022**, 3, 156-172	15.4	2
4	NUDT15-mediated hydrolysis limits the efficacy of anti-HCMV drug ganciclovir. *Cell Chemical Biology*, **2021**,	8.2	1
3	MTH1 Inhibitors for the Treatment of Psoriasis. *Journal of Investigative Dermatology*, **2021**, 141, 2037-2048.e4	7.5	1
2	Structure-metabolism-relationships in the microsomal clearance of piperazin-1-ylpyridazines. *MedChemComm*, **2017**, 8, 1553-1560	5	0
1	MTH1 Inhibitor TH1579 Induces Oxidative DNA Damage and Mitotic Arrest in Acute Myeloid Leukemia. *Cancer Research*, **2021**, 81, 5733-5744	10.1	0