

Martin Scobie

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Pharmacological targeting of MTHFD2 suppresses acute myeloid leukemia by inducing thymidine depletion and replication stress.. <i>Nature Cancer</i> , 2022 , 3, 156-172	15.4	2
27	NUDT15-mediated hydrolysis limits the efficacy of anti-HCMV drug ganciclovir. <i>Cell Chemical Biology</i> , 2021 ,	8.2	1
26	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	5.4	2
25	MTH1 Inhibitors for the Treatment of Psoriasis. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2037-2048, e4	4.9	1
24	MTH1 Inhibitor TH1579 Induces Oxidative DNA Damage and Mitotic Arrest in Acute Myeloid Leukemia. <i>Cancer Research</i> , 2021 , 81, 5733-5744	10.1	0
23	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020 , 16, 1120-1128	11.7	5
22	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020 , 48, 12234-12251	20.1	8
21	Computational and Experimental Druggability Assessment of Human DNA Glycosylases. <i>ACS Omega</i> , 2019 , 4, 11642-11656	3.9	11
20	Targeted NUDT5 inhibitors block hormone signaling in breast cancer cells. <i>Nature Communications</i> , 2018 , 9, 250	17.4	28
19	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	9.8	29
18	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018 , 362, 834-839	33.3	71
17	Identification of Triazolothiadiazoles as Potent Inhibitors of the dCTP Pyrophosphatase 1. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 2148-2154	8.3	12
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	8.3	14
15	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	2.9	3
14	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	2.9	2
13	Fragment-Based Discovery and Optimization of Enzyme Inhibitors by Docking of Commercial Chemical Space. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8160-8169	8.3	25
12	Structure-metabolism-relationships in the microsomal clearance of piperazin-1-ylpyridazines. <i>MedChemComm</i> , 2017 , 8, 1553-1560	5	0

11	dUTPase inhibition augments replication defects of 5-Fluorouracil. <i>Oncotarget</i> , 2017 , 8, 23713-23726	3.3	18
10	Discovery of the First Potent and Selective Inhibitors of Human dCTP Pyrophosphatase 1. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 1140-1148	8.3	30
9	Cancer-Specific Synthetic Lethality between ATR and CHK1 Kinase Activities. <i>Cell Reports</i> , 2016 , 14, 298-309	3.9	72
8	Rational design and validation of a Tip60 histone acetyltransferase inhibitor. <i>Scientific Reports</i> , 2014 , 4, 5372	4.9	70
7	MTH1 inhibition eradicates cancer by preventing sanitation of the dNTP pool. <i>Nature</i> , 2014 , 508, 215-215	50.4	326
6	A Convenient Microwave-Assisted Propylphosphonic Anhydride (T3P) Mediated One-Pot Pyrazolone Synthesis. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5879-5885	3.2	14
5	A new concise synthesis of 2,3-dihydroquinazolin-4(1H)-one derivatives. <i>New Journal of Chemistry</i> , 2013 , 37, 3595	3.6	30
4	A facile and efficient synthesis of tetrahydro- β -carbolines. <i>Tetrahedron Letters</i> , 2013 , 54, 3554-3557	2	11
3	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	2.9	2
2	Parallel synthesis of unsymmetrically substituted tetraphenyl porphyrins on Wang resin. <i>Tetrahedron Letters</i> , 2003 , 44, 5083-5086	2	19
1	Application of combinatorial techniques in the synthesis of unsymmetrically substituted 5,15-diphenylporphyrins. <i>Tetrahedron Letters</i> , 2000 , 41, 2753-2757	2	17