# Martin Scobie

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5781176/publications.pdf

Version: 2024-02-01

| 29 | 1,281 | 471061 17 | 433756 31 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 2304 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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. | 5.7 | 30 |
| 2 | Small-molecule activation of OGG1 increases oxidative DNA damage repair by gaining a new function. Science, 2022, 376, 1471-1476. | 6.0 | 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. | 1.6 | 8 |
| 4 | NUDT15-mediated hydrolysis limits the efficacy of anti-HCMV drug ganciclovir. Cell Chemical Biology, 2021, 28, 1693-1702.e6. | 2.5 | 9 |
| 5 | MTH1 Inhibitors for the Treatment of Psoriasis. Journal of Investigative Dermatology, 2021, 141, 2037-2048.e4. | 0.3 | 10 |
| 6 | MTH1 Inhibitor TH1579 Induces Oxidative DNA Damage and Mitotic Arrest in Acute Myeloid Leukemia. Cancer Research, 2021, 81, 5733-5744. | 0.4 | 15 |
| 7 | Development of a chemical probe against NUDT15. Nature Chemical Biology, 2020, 16, 1120-1128. | 3.9 | 14 |
| 8 | Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. Nucleic Acids Research, 2020, 48, 12234-12251. | 6.5 | 29 |
| 9 | Computational and Experimental Druggability Assessment of Human DNA Glycosylases. ACS Omega, 2019, 4, 11642-11656. | 1.6 | 19 |
| 10 | Targeted NUDT5 inhibitors block hormone signaling in breast cancer cells. Nature Communications, 2018, 9, 250. | 5.8 | 56 |
| 11 | Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. Science, 2018, 362, 834-839. | 6.0 | 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. | 2.7 | 38 |
| 13 | Identification of Triazolothiadiazoles as Potent Inhibitors of the dCTP Pyrophosphatase 1. Journal of Medicinal Chemistry, 2017, 60, 2148-2154. | 2.9 | 14 |
| 14 | Piperazin-1-ylpyridazine Derivatives Are a Novel Class of Human dCTP Pyrophosphatase 1 Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 4279-4292. | 2.9 | 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. | 1.0 | 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. | 1.0 | 2 |
| 17 | Fragment-Based Discovery and Optimization of Enzyme Inhibitors by Docking of Commercial Chemical Space. Journal of Medicinal Chemistry, 2017, 60, 8160-8169. | 2.9 | 32 |
| 18 | Structureâ€“metabolism-relationships in the microsomal clearance of piperazin-1-ylpyridazines. MedChemComm, 2017, 8, 1553-1560. | 3.5 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | dUTPase inhibition augments replication defects of 5-Fluorouracil. Oncotarget, 2017, 8, 23713-23726. | 0.8 | 27 |
| 20 | Discovery of the First Potent and Selective Inhibitors of Human dCTP Pyrophosphatase 1. Journal of Medicinal Chemistry, 2016, 59, 1140-1148. | 2.9 | 40 |
| 21 | Cancer-Specific Synthetic Lethality between ATR and CHK1 Kinase Activities. Cell Reports, 2016, 14, 298-309. | 2.9 | 105 |
| 22 | MTH1 inhibition eradicates cancer by preventing sanitation of the dNTP pool. Nature, 2014, 508, 215-221. | 13.7 | 419 |
| 23 | Rational design and validation of a Tip60 histone acetyltransferase inhibitor. Scientific Reports, 2014, 4, 5372. | 1.6 | 103 |
| 24 | A Convenient Microwaveâ€Assisted Propylphosphonic Anhydride (T3P<sup>Â®</sup>) Mediated Oneâ€Pot Pyrazolone Synthesis. European Journal of Organic Chemistry, 2013, 2013, 5879-5885. | 1.2 | 16 |
| 25 | A new concise synthesis of 2,3-dihydroquinazolin-4(1H)-one derivatives. New Journal of Chemistry, 2013, 37, 3595. | 1.4 | 36 |
| 26 | A facile and efficient synthesis of tetrahydro-Î²-carbolines. Tetrahedron Letters, 2013, 54, 3554-3557. | 0.7 | 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. | 1.2 | 3 |
| 28 | Parallel synthesis of unsymmetrically substituted tetraphenyl porphyrins on Wang resin. Tetrahedron Letters, 2003, 44, 5083-5086. | 0.7 | 19 |
| 29 | Application of combinatorial techniques in the synthesis of unsymmetrically substituted 5,15-diphenylporphyrins. Tetrahedron Letters, 2000, 41, 2753-2757. | 0.7 | 20 |