

Brent D G Page

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,201
citations

623188

14
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

2250
citing authors

#	ARTICLE	IF	CITATIONS
1	Orally bioavailable small-molecule inhibitor of transcription factor Stat3 regresses human breast and lung cancer xenografts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9623-9628.	3.3	301
2	Targeting SAMHD1 with the Vpx protein to improve cytarabine therapy for hematological malignancies. <i>Nature Medicine</i> , 2017, 23, 256-263.	15.2	102
3	Signal transducer and activator of transcription 3 inhibitors: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 65-83.	2.4	96
4	Crystal structure, biochemical and cellular activities demonstrate separate functions of MTH1 and MTH2. <i>Nature Communications</i> , 2015, 6, 7871.	5.8	96
5	NUDT15 Hydrolyzes 6-Thio-DeoxyGTP to Mediate the Anticancer Efficacy of 6-Thioguanine. <i>Cancer Research</i> , 2016, 76, 5501-5511.	0.4	96
6	Small Molecule STAT5-SH2 Domain Inhibitors Exhibit Potent Antileukemia Activity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1047-1055.	2.9	90
7	Identification of a non-phosphorylated, cell permeable, small molecule ligand for the Stat3 SH2 domain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5605-5609.	1.0	57
8	Targeted NUDT5 inhibitors block hormone signaling in breast cancer cells. <i>Nature Communications</i> , 2018, 9, 250.	5.8	56
9	STAT3 pathway regulates lung-derived brain metastasis initiating cell capacity through miR-21 activation. <i>Oncotarget</i> , 2015, 6, 27461-27477.	0.8	55
10	Irreversible TrxR1 inhibitors block STAT3 activity and induce cancer cell death. <i>Science Advances</i> , 2020, 6, eaax7945.	4.7	43
11	Applying Small Molecule Signal Transducer and Activator of Transcription-3 (STAT3) Protein Inhibitors as Pancreatic Cancer Therapeutics. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 794-805.	1.9	35
12	TSLP as druggable target – a silver-lining for atopic diseases?. , 2021, 217, 107648.		33
13	To inhibit TrxR1 is to inactivate STAT3 – Inhibition of TrxR1 enzymatic function by STAT3 small molecule inhibitors. <i>Redox Biology</i> , 2020, 36, 101646.	3.9	18
14	Identification of novel small molecules that inhibit STAT3-dependent transcription and function. <i>PLoS ONE</i> , 2017, 12, e0178844.	1.1	17
15	STAT3 inhibitor has potent antitumor activity in B-lineage acute lymphoblastic leukemia cells overexpressing the high mobility group A1 (HMGA1) – STAT3 pathway. <i>Leukemia and Lymphoma</i> , 2016, 57, 2681-2684.	0.6	16
16	The antimicrobial drug pyrimethamine inhibits STAT3 transcriptional activity by targeting the enzyme dihydrofolate reductase. <i>Journal of Biological Chemistry</i> , 2022, 298, 101531.	1.6	16
17	STAT3 differential scanning fluorimetry and differential scanning light scattering assays: Addressing a missing link in the characterization of STAT3 inhibitor interactions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 80-88.	1.4	14
18	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	3.9	14

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19	Validating Signal Transducer and Activator of Transcription (STAT) Proteinâ€“Inhibitor Interactions Using Biochemical and Cellular Thermal Shift Assays. ACS Chemical Biology, 2020, 15, 1842-1851.	1.6	12
20	NUDT15-mediated hydrolysis limits the efficacy of anti-HCMV drug ganciclovir. Cell Chemical Biology, 2021, 28, 1693-1702.e6.	2.5	9
21	Identification of a potent salicylic acid-based inhibitor of tyrosine phosphatase PTP1B. MedChemComm, 2013, 4, 987-992.	3.5	8
22	The application of differential scanning fluorimetry in exploring bisubstrate binding to protein arginine N-methyltransferase 1. Methods, 2020, 175, 10-23.	1.9	8
23	Oncogenic Kinase Cascades Induce Molecular Mechanisms That Protect Leukemic Cell Models from Lethal Effects of De Novo dNTP Synthesis Inhibition. Cancers, 2021, 13, 3464.	1.7	5
24	Inside Cover: Disruption of Transcriptionally Active Stat3 Dimers with Non-phosphorylated, Salicylic Acid-Based Small Molecules: Potent in vitro and Tumor Cell Activities (ChemBioChem 12/2009). ChemBioChem, 2009, 10, 1906-1906.	1.3	1
25	The Application of Differential Scanning Fluorimetry in Exploring Bisubstrate Binding to Protein Arginine N-Methyltransferase 1. FASEB Journal, 2021, 35, .	0.2	0