

Nicholas C K Valerie

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,225
citations

623574

14
h-index

887953

17
g-index

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18
docs citations

18
times ranked

2412
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved ATM kinase inhibitor KU-60019 radiosensitizes glioma cells, compromises insulin, AKT and ERK prosurvival signaling, and inhibits migration and invasion. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2894-2902.	1.9	331
2	ATM Kinase Inhibition Preferentially Sensitizes p53-Mutant Glioma to Ionizing Radiation. <i>Clinical Cancer Research</i> , 2013, 19, 3189-3200.	3.2	167
3	Targeting SAMHD1 with the Vpx protein to improve cytarabine therapy for hematological malignancies. <i>Nature Medicine</i> , 2017, 23, 256-263.	15.2	102
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	Inhibition of T-type calcium channels disrupts Akt signaling and promotes apoptosis in glioblastoma cells. <i>Biochemical Pharmacology</i> , 2013, 85, 888-897.	2.0	80
7	Targeted NUDT5 inhibitors block hormone signaling in breast cancer cells. <i>Nature Communications</i> , 2018, 9, 250.	5.8	56
8	Pathways controlling dNTP pools to maintain genome stability. <i>DNA Repair</i> , 2016, 44, 193-204.	1.3	49
9	Orally Bioavailable and Blood-Brain Barrier-Penetrating ATM Inhibitor (AZ32) Radiosensitizes Intracranial Gliomas in Mice. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1637-1647.	1.9	46
10	Discovery of the First Potent and Selective Inhibitors of Human dCTP Pyrophosphatase 1. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1140-1148.	2.9	40
11	Mutations in the BRCT binding site of BRCA1 result in hyper-recombination. <i>Aging</i> , 2011, 3, 515-532.	1.4	40
12	PP6 Regulatory Subunit R1 Is Bidentate Anchor for Targeting Protein Phosphatase-6 to DNA-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2012, 287, 9230-9239.	1.6	39
13	Inhibition of Neurotensin Receptor 1 Selectively Sensitizes Prostate Cancer to Ionizing Radiation. <i>Cancer Research</i> , 2011, 71, 6817-6826.	0.4	38
14	Piperazin-1-ylpyridazine Derivatives Are a Novel Class of Human dCTP Pyrophosphatase 1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4279-4292.	2.9	19
15	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	3.9	14
16	NUDT15-mediated hydrolysis limits the efficacy of anti-HCMV drug ganciclovir. <i>Cell Chemical Biology</i> , 2021, 28, 1693-1702.e6.	2.5	9