Rozbeh Jafari

List of Publications by Year
in descending order

18 papers	3,567 citations	1039406 9 h-index	996533 15 g-index
22 all docs	22 docs citations	22 times ranked	5897 citing authors

#	Article	IF	Citations
1	Monitoring Drug Target Engagement in Cells and Tissues Using the Cellular Thermal Shift Assay. Science, 2013, 341, 84-87.	6.0	1,444
2	The cellular thermal shift assay for evaluating drug target interactions in cells. Nature Protocols, 2014, 9, 2100-2122.	5.5	900
3	Tracking cancer drugs in living cells by thermal profiling of the proteome. Science, 2014, 346, 1255784.	6.0	812
4	CETSA screening identifies known and novel thymidylate synthase inhibitors and slow intracellular activation of 5-fluorouracil. Nature Communications, 2016, 7, 11040.	5.8	126
5	Validation and development of MTH1 inhibitors for treatment of cancer. Annals of Oncology, 2016, 27, 2275-2283.	0.6	111
6	Proteogenomics and Hi-C reveal transcriptional dysregulation in high hyperdiploid childhood acute lymphoblastic leukemia. Nature Communications, 2019, 10, 1519.	5.8	61
7	Optimization of production of the anti-keratin 8 single-chain Fv TS1-218 in Pichia pastoris using design of experiments. Microbial Cell Factories, 2011, 10, 34.	1.9	32
8	Novel Broad-Spectrum Antiviral Inhibitors Targeting Host Factors Essential for Replication of Pathogenic RNA Viruses. Viruses, 2020, 12, 1423.	1.5	22
9	Integrative multi-omics and drug response profiling of childhood acute lymphoblastic leukemia cell lines. Nature Communications, 2022, 13, 1691.	5.8	20
10	The transcriptomeâ€wide landscape of molecular subtypeâ€specific <scp>mRNA</scp> expression profiles in acute myeloid leukemia. American Journal of Hematology, 2021, 96, 580-588.	2.0	9
11	Construction of divalent anti-keratin 8 single-chain antibodies (sc(Fv)2), expression in Pichia pastoris and their reactivity with multicellular tumor spheroids. Journal of Immunological Methods, 2011, 364, 65-76.	0.6	8
12	Functional mapping and single chain construction of the anti-cytokeratin 8 monoclonal antibody TS1. Molecular Immunology, 2007, 44, 1075-1084.	1.0	6
13	Thermal proteome profiling identifies PIP4K2A and ZADH2 as offâ€targets of Poloâ€like kinase 1 inhibitor volasertib. FASEB Journal, 2021, 35, e21741.	0.2	5
14	Localization of Complexed Anticytokeratin 8â€‰scFv TS1-218 to HeLa HEp-2 Multicellular Tumor Spheroids and Experimental Tumors. Cancer Biotherapy and Radiopharmaceuticals, 2010, 25, 455-463.	0.7	4
15	Inhibition of the ubiquitin-proteasome system by an NQO1-activatable compound. Cell Death and Disease, 2021, 12, 914.	2.7	3
16	Abstract 4386: CETSA as a new strategy to understand efficacy, adverse effects and resistance development of anticancer drugs. , 2016, , .		1
17	Functional mapping of the anti-idiotypic antibody anti-TS1 scFv using site-directed mutagenesis and kinetic analysis. MAbs, 2010, 2, 662-669.	2.6	0
18	Proteogenomic Subtyping of Chronic Lymphocytic Leukemia Identifies a Novel Poor Outcome Subgroup with a Distinct Drug Response Profile. Blood, 2020, 136, 10-11.	0.6	0