Brinton Seashore-Ludlow

List of Publications by Year
in descending order

41	3,895	279798 23	302126 39
papers	citations	h-index	g-index

46	46	46	7051
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dependency of a therapy-resistant state of cancer cells on a lipid peroxidase pathway. Nature, 2017, 547, 453-457.	27.8	1,194
2	Correlating chemical sensitivity and basal gene expression reveals mechanism of action. Nature Chemical Biology, 2016, 12, 109-116.	8.0	636
3	Harnessing Connectivity in a Large-Scale Small-Molecule Sensitivity Dataset. Cancer Discovery, 2015, 5, 1210-1223.	9.4	575
4	Predicting Cancer-Specific Vulnerability via Data-Driven Detection of Synthetic Lethality. Cell, 2014, 158, 1199-1209.	28.9	249
5	Drug Target Commons: A Community Effort to Build a Consensus Knowledge Base for Drug-Target Interactions. Cell Chemical Biology, 2018, 25, 224-229.e2.	5.2	124
6	Validation and development of MTH1 inhibitors for treatment of cancer. Annals of Oncology, 2016, 27, 2275-2283.	1.2	111
7	Prediction of intracellular exposure bridges the gap between target- and cell-based drug discovery. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6231-E6239.	7.1	74
8	NAMPT Is the Cellular Target of STF-31-Like Small-Molecule Probes. ACS Chemical Biology, 2014, 9, 2247-2254.	3.4	60
9	Enantioselective Synthesis of anti-Î²-Hydroxy-Î±-amido Esters via Transfer Hydrogenation. Organic Letters, 2010, 12, 5274-5277.	4.6	59
10	Domino Carbopalladationâ€“Cross-Coupling for the Synthesis of 3,3-Disubstituted Oxindoles. Organic Letters, 2012, 14, 3858-3861.	4.6	57
11	DiSCoVERing Innovative Therapies for Rare Tumors: Combining Genetically Accurate Disease Models with In Silico Analysis to Identify Novel Therapeutic Targets. Clinical Cancer Research, 2016, 22, 3903-3914.	7.0	54
12	Targeting <scp>CDK</scp> 2 overcomes melanoma resistance against <scp>BRAF</scp> and Hsp90 inhibitors. Molecular Systems Biology, 2018, 14, e7858.	7.2	53
13	Asymmetric Transfer Hydrogenation Coupled with Dynamic Kinetic Resolution in Water: Synthesis of anti-Î²-Hydroxy-Î±-amino Acid Derivatives. Organic Letters, 2012, 14, 6334-6337.	4.6	50
14	A general enantioselective route to the chamigrene natural product family. Tetrahedron, 2010, 66, 4668-4686.	1.9	48
15	Small-molecule studies identify CDK8 as a regulator of IL-10 in myeloid cells. Nature Chemical Biology, 2017, 13, 1102-1108.	8.0	46
16	Inhibitors of the Cysteine Synthase CysM with Antibacterial Potency against Dormant Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2016, 59, 6848-6859.	6.4	45
17	Enantioselective Synthesis of antiâ€Î²â€Hydroxyâ€Îµâ€Amido Esters by Asymmetric Transfer Hydrogenation in Emulsions. Chemistry - A European Journal, 2012, 18, 7219-7223.	3.3	38
18	Domino Carbopalladationâ€Carbonylation: Investigation of Substrate Scope. Advanced Synthesis and Catalysis, 2012, 354, 205-216.	4.3	38

#	Article	IF	Citations
19	FGFR4 phosphorylates MST1 to confer breast cancer cells resistance to MST1/2-dependent apoptosis. Cell Death and Differentiation, 2019, 26, 2577-2593.	11.2	38
20	Domino Carbopalladationâ^'Carbonylation: Generating Quaternary Stereocenters while Controlling Î²-Hydride Elimination. Organic Letters, 2010, 12, 3732-3735.	4.6	37
21	Discovery of a Small-Molecule Probe for V-ATPase Function. Journal of the American Chemical Society, 2015, 137, 5563-5568.	13.7	36
22	Perspective on CETSA Literature: Toward More Quantitative Data Interpretation. SLAS Discovery, 2020, 25, 118-126.	2.7	30
23	Nanomedicine for improvement of dendritic cell-based cancer immunotherapy. International Immunopharmacology, 2020, 83, 106446.	3.8	30
24	Early Perspective. Journal of Biomolecular Screening, 2016, 21, 1019-1033.	2.6	24
25	Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors. Cell Reports, 2019, 28, 2331-2344.e8.	6.4	24
26	In Situ Target Engagement Studies in Adherent Cells. ACS Chemical Biology, 2018, 13, 942-950.	3.4	23
27	A chemical screen identifies trifluoperazine as an inhibitor of glioblastoma growth. Biochemical and Biophysical Research Communications, 2017, 494, 477-483.	2.1	22
28	Addition of Azomethine Ylides to Aldehydes: Mechanistic Dichotomy of Differentially Substituted Î±â€Ímino Esters. European Journal of Organic Chemistry, 2010, 2010, 3927-3933.	2.4	19
29	Computational and Experimental Druggability Assessment of Human DNA Glycosylases. ACS Omega, 2019, 4, 11642-11656.	3.5	19
30	Quantitative Interpretation of Intracellular Drug Binding and Kinetics Using the Cellular Thermal Shift Assay. Biochemistry, 2018, 57, 6715-6725.	2.5	16
31	MTH1 Inhibitor TH1579 Induces Oxidative DNA Damage and Mitotic Arrest in Acute Myeloid Leukemia. Cancer Research, 2021, 81, 5733-5744.	0.9	15
32	Rhabdoid Tumors Are Sensitive to the Protein-Translation Inhibitor Homoharringtonine. Clinical Cancer Research, 2020, 26, 4995-5006.	7.0	14
33	Immediate Adaptation Analysis Implicates BCL6 as an EGFR-TKI Combination Therapy Target in NSCLC. Molecular and Cellular Proteomics, 2020, 19, 928-943.	3.8	9
34	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.	4.1	9
35	PFKFB3 Inhibition Sensitizes DNA Crosslinking Chemotherapies by Suppressing Fanconi Anemia Repair. Cancers, 2021, 13, 3604.	3.7	6
36	Reprint of: A chemical screen identifies trifluoperazine as an inhibitor of glioblastoma growth. Biochemical and Biophysical Research Communications, 2018, 499, 136-142.	2.1	5

#	Article	IF	Citations
37	Using High Content Imaging to Quantify Target Engagement in Adherent Cells. Journal of Visualized Experiments, 2018, , .	0.3	2
38	Computational Analyses Connect Small-Molecule Sensitivity to Cellular Features Using Large Panels of Cancer Cell Lines. Methods in Molecular Biology, 2019, 1888, 233-254.	0.9	1
39	High-Throughput Functional Ex-Vivo Drug Testing and Multi-Omics Profiling in Patients with Acute Myeloid Leukemia. Blood, 2019, 134, 4641-4641.	1.4	1
40	Total Synthesis of Dehaloperophoramidine. Strategies and Tactics in Organic Synthesis, 2017, 13, 217-242.	0.1	0
41	Abstract 2476: DiSCoVERing innovative therapies for rare tumors: Combining genetically accurate disease models with advanced in silico analysis to identify novel therapeutic targets. , 2016, , .		0