

Danette L Daniels

List of Publications by Year in descending order

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39
papers

4,696
citations

201674

27
h-index

302126

39
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docs citations

43
times ranked

8021
citing authors

#	ARTICLE	IF	CITATIONS
1	β -catenin directly displaces Groucho/TLE repressors from Tcf/Lef in Wnt-mediated transcription activation. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 364-371.	8.2	476
2	TET2 and TET3 regulate GlcNAcylation and H3K4 methylation through OGT and SET1/COMPASS. <i>EMBO Journal</i> , 2013, 32, 645-655.	7.8	411
3	NanoBRET™ A Novel BRET Platform for the Analysis of Protein-Protein Interactions. <i>ACS Chemical Biology</i> , 2015, 10, 1797-1804.	3.4	360
4	HIF1A Employs CDK8-Mediator to Stimulate RNAPII Elongation in Response to Hypoxia. <i>Cell</i> , 2013, 153, 1327-1339.	28.9	300
5	Selective targeting of BD1 and BD2 of the BET proteins in cancer and immunoinflammation. <i>Science</i> , 2020, 368, 387-394.	12.6	274
6	Iterative Design and Optimization of Initially Inactive Proteolysis Targeting Chimeras (PROTACs) Identify VZ185 as a Potent, Fast, and Selective von Hippel-Lindau (VHL) Based Dual Degradator Probe of BRD9 and BRD7. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 699-726.	6.4	230
7	Target engagement and drug residence time can be observed in living cells with BRET. <i>Nature Communications</i> , 2015, 6, 10091.	12.8	208
8	Quantitative Live-Cell Kinetic Degradation and Mechanistic Profiling of PROTAC Mode of Action. <i>ACS Chemical Biology</i> , 2018, 13, 2758-2770.	3.4	194
9	Generation of a Selective Small Molecule Inhibitor of the CBP/p300 Bromodomain for Leukemia Therapy. <i>Cancer Research</i> , 2015, 75, 5106-5119.	0.9	193
10	KDM4A Lysine Demethylase Induces Site-Specific Copy Gain and Rereplication of Regions Amplified in Tumors. <i>Cell</i> , 2013, 154, 541-555.	28.9	189
11	Crystal structure of the hCASK PDZ domain reveals the structural basis of class II PDZ domain target recognition. <i>Nature Structural Biology</i> , 1998, 5, 317-325.	9.7	172
12	ICAT Inhibits β -Catenin Binding to Tcf/Lef-Family Transcription Factors and the General Coactivator p300 Using Independent Structural Modules. <i>Molecular Cell</i> , 2002, 10, 573-584.	9.7	159
13	SONAR Discovers RNA-Binding Proteins from Analysis of Large-Scale Protein-Protein Interactomes. <i>Molecular Cell</i> , 2016, 64, 282-293.	9.7	155
14	LP99: Discovery and Synthesis of the First Selective BRD7/9 Bromodomain Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6217-6221.	13.8	137
15	EZH2 Inhibitor Efficacy in Non-Hodgkin's Lymphoma Does Not Require Suppression of H3K27 Monomethylation. <i>Chemistry and Biology</i> , 2014, 21, 1463-1475.	6.0	128
16	Two Competing Pathways for Self-splicing by Group II Introns: A Quantitative Analysis of In Vitro Reaction Rates and Products. <i>Journal of Molecular Biology</i> , 1996, 256, 31-49.	4.2	121
17	Potent and selective bivalent inhibitors of BET bromodomains. <i>Nature Chemical Biology</i> , 2016, 12, 1097-1104.	8.0	109
18	Trivalent PROTACs enhance protein degradation via combined avidity and cooperativity. <i>Nature Chemical Biology</i> , 2021, 17, 1157-1167.	8.0	108

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19	Development of a Dehalogenase-Based Protein Fusion Tag Capable of Rapid, Selective and Covalent Attachment to Customizable Ligands. <i>Current Chemical Genomics</i> , 2013, 6, 55-71.	2.0	107
20	Pharmacological Inhibition of the Histone Lysine Demethylase KDM1A Suppresses the Growth of Multiple Acute Myeloid Leukemia Subtypes. <i>Cancer Research</i> , 2016, 76, 1975-1988.	0.9	89
21	β-catenin: molecular plasticity and drug design. <i>Trends in Biochemical Sciences</i> , 2001, 26, 672-678.	7.5	80
22	Structural Studies of Wnts and Identification of an LRP6 Binding Site. <i>Structure</i> , 2013, 21, 1235-1242.	3.3	73
23	Discovery and resistance mechanism of a selective CDK12 degrader. <i>Nature Chemical Biology</i> , 2021, 17, 675-683.	8.0	69
24	9 <i>H</i> -Purine Scaffold Reveals Induced-Fit Pocket Plasticity of the BRD9 Bromodomain. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2718-2736.	6.4	63
25	Monitoring and deciphering protein degradation pathways inside cells. <i>Drug Discovery Today: Technologies</i> , 2019, 31, 61-68.	4.0	45
26	Selective Targeting of Bromodomains of the Bromodomain-PHD Fingers Family Impairs Osteoclast Differentiation. <i>ACS Chemical Biology</i> , 2017, 12, 2619-2630.	3.4	41
27	Phosphorylation of FADD by the kinase CK1β promotes KRAS ^{G12D} -induced lung cancer. <i>Science Signaling</i> , 2015, 8, ra9.	3.6	40
28	Modeling the CRL4A ligase complex to predict target protein ubiquitination induced by cereblon-recruiting PROTACs. <i>Journal of Biological Chemistry</i> , 2022, 298, 101653.	3.4	37
29	Examining the Complexity of Human RNA Polymerase Complexes using HaloTag Technology Coupled to Label Free Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2012, 11, 564-575.	3.7	27
30	Targeted Protein Degradation Phenotypic Studies Using HaloTag CRISPR/Cas9 Endogenous Tagging Coupled with HaloPROTAC3. <i>Current Protocols in Pharmacology</i> , 2020, 91, e81.	4.0	21
31	CDK Family PROTAC Profiling Reveals Distinct Kinetic Responses and Cell Cycle-Dependent Degradation of CDK2. <i>SLAS Discovery</i> , 2021, 26, 560-569.	2.7	21
32	The importance of cellular degradation kinetics for understanding mechanisms in targeted protein degradation. <i>Chemical Society Reviews</i> , 2022, 51, 6210-6221.	38.1	12
33	Translating PROTAC chemical series optimization into functional outcomes underlying BRD7 and BRD9 protein degradation. <i>Current Research in Chemical Biology</i> , 2021, 1, 100009.	2.9	11
34	High-Throughput Cellular Profiling of Targeted Protein Degradation Compounds using HiBiT CRISPR Cell Lines. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	10
35	Kinetic Detection of E3:PROTAC:Target Ternary Complexes Using NanoBRET Technology in Live Cells. <i>Methods in Molecular Biology</i> , 2021, 2365, 151-171.	0.9	8
36	Discovering Protein Interactions and Characterizing Protein Function Using HaloTag Technology. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	6

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37	Isolation of Intracellular Protein-DNA Complexes Using HaloCHIP, an Antibody-Free Alternative to Chromatin Immunoprecipitation. <i>Methods in Molecular Biology</i> , 2013, 977, 111-124.	0.9	4
38	Highly Efficient Protein and Complex Purification from Mammalian Cells Using the HaloTag® Technology. <i>BioTechniques</i> , 2011, 51, 276-277.	1.8	4
39	Degrading boundaries to break new ground in chemical biology. <i>Current Research in Chemical Biology</i> , 2022, 2, 100033.	2.9	1