Mark J Henderson

List of Publications by Year
in descending order

32 papers	1,186 citations	430874 18 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	2305 citing authors

#	Article	IF	Citations
1	Discovery of Small-Molecule VapC1 Nuclease Inhibitors by Virtual Screening and Scaffold Hopping from an Atomic Structure Revealing Proteinâ€“Protein Interactions with a Native VapB1 Inhibitor. Journal of Chemical Information and Modeling, 2022, 62, 1249-1258.	5.4	3
2	High-Throughput Cellular Thermal Shift Assay Using Acoustic Transfer of Protein Lysates. ACS Chemical Biology, 2022, , .	3.4	8
3	Discovery and Optimization of Pyrrolopyrimidine Derivatives as Selective Disruptors of the Perinucleolar Compartment, a Marker of Tumor Progression toward Metastasis. Journal of Medicinal Chemistry, 2022, 65, 8303-8331.	6.4	4
4	The SARS-CoV-2 Cytopathic Effect Is Blocked by Lysosome Alkalizing Small Molecules. ACS Infectious Diseases, 2021, 7, 1389-1408.	3.8	74
5	High-Throughput Detection of Ligand-Protein Binding Using a SplitLuc Cellular Thermal Shift Assay. Methods in Molecular Biology, 2021, 2365, 21-41.	0.9	7
6	Discovery and Optimization of 2H-1Î»²-Pyridin-2-one Inhibitors of Mutant Isocitrate Dehydrogenase 1 for the Treatment of Cancer. Journal of Medicinal Chemistry, 2021, 64, 4913-4946.	6.4	12
7	A target-agnostic screen identifies approved drugs to stabilize the endoplasmic reticulum-resident proteome. Cell Reports, 2021, 35, 109040.	6.4	18
8	The AKT modulator A-443654 reduces Î±-synuclein expression and normalizes ER stress and autophagy. Journal of Biological Chemistry, 2021, 297, 101191.	3.4	7
9	High-Throughput Cellular Thermal Shift Assays in Research and Drug Discovery. SLAS Discovery, 2020, 25, 137-147.	2.7	35
10	A Comparative Study of Target Engagement Assays for HDAC1 Inhibitor Profiling. SLAS Discovery, 2020, 25, 253-264.	2.7	9
11	Pyrazole-Based Lactate Dehydrogenase Inhibitors with Optimized Cell Activity and Pharmacokinetic Properties. Journal of Medicinal Chemistry, 2020, 63, 10984-11011.	6.4	30
12	Design, Synthesis, and Biological Evaluation of Quinazolin-4-one-Based Hydroxamic Acids as Dual PI3K/HDAC Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 4256-4292.	6.4	59
13	Compound screening in cell-based models of tau inclusion formation: Comparison of primary neuron and HEK293 cell assays. Journal of Biological Chemistry, 2020, 295, 4001-4013.	3.4	10
14	A small molecule inhibitor of ER-to-cytosol protein dislocation exhibits anti-dengue and anti-Zika virus activity. Scientific Reports, 2019, 9, 10901.	3.3	15
15	Physiologically relevant orthogonal assays for the discovery of small-molecule modulators of WIP1 phosphatase in high-throughput screens. Journal of Biological Chemistry, 2019, 294, 17654-17668.	3.4	6
16	Discovery of endoplasmic reticulum calcium stabilizers to rescue ER-stressed podocytes in nephrotic syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14154-14163.	7.1	39
17	Ipomoeassin F Binds Sec61Î± to Inhibit Protein Translocation. Journal of the American Chemical Society, 2019, 141, 8450-8461.	13.7	58
18	Insights into the Action of Inhibitor Enantiomers against Histone Lysine Demethylase 5A. Journal of Medicinal Chemistry, 2018, 61, 3193-3208.	6.4	9

#	Article	IF	Citations
19	KDEL Receptors Are Differentially Regulated to Maintain the ER Proteome under Calcium Deficiency. Cell Reports, 2018, 25, 1829-1840.e6.	6.4	93
20	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	11.3	32
21	Structure-Based Engineering of Irreversible Inhibitors against Histone Lysine Demethylase KDM5A. Journal of Medicinal Chemistry, 2018, 61, 10588-10601.	6.4	28
22	High-throughput screening with nucleosome substrate identifies small-molecule inhibitors of the human histone lysine methyltransferase NSD2. Journal of Biological Chemistry, 2018, 293, 13750-13765.	3.4	46
23	KDM5 histone demethylases repress immune response via suppression of STING. PLoS Biology, 2018, 16, e2006134.	5.6	106
24	A widely-applicable high-throughput cellular thermal shift assay (CETSA) using split Nano Luciferase. Scientific Reports, 2018, 8, 9472.	3.3	65
25	Assessing inhibitors of mutant isocitrate dehydrogenase using a suite of pre-clinical discovery assays. Scientific Reports, 2017, 7, 12758.	3.3	59
26	Connecting Neuronal Cell Protective Pathways and Drug Combinations in a Huntingtonâ€™s Disease Model through the Application of Quantitative Systems Pharmacology. Scientific Reports, 2017, 7, 17803.	3.3	22
27	Longitudinal monitoring of Gaussia and Nano luciferase activities to concurrently assess ER calcium homeostasis and ER stress in vivo. PLoS ONE, 2017, 12, e0175481.	2.5	11
28	Structural Basis for KDM5A Histone Lysine Demethylase Inhibition by Diverse Compounds. Cell Chemical Biology, 2016, 23, 769-781.	5.2	80
29	Monitoring Endoplasmic Reticulum Calcium Homeostasis Using a Gaussia Luciferase SERCaMP. Journal of Visualized Experiments, 2015, , .	0.3	9
30	A Low Affinity GCaMP3 Variant (GCaMPer) for Imaging the Endoplasmic Reticulum Calcium Store. PLoS ONE, 2015, 10, e0139273.	2.5	51
31	SERCaMP: a carboxy-terminal protein modification that enables monitoring of ER calcium homeostasis. Molecular Biology of the Cell, 2014, 25, 2828-2839.	2.1	54
32	Mesencephalic Astrocyte-derived Neurotrophic Factor (MANF) Secretion and Cell Surface Binding Are Modulated by KDEL Receptors. Journal of Biological Chemistry, 2013, 288, 4209-4225.	3.4	127