

Mark J Henderson

List of Publications by Year in descending order

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32
papers

1,186
citations

430874

18
h-index

414414

32
g-index

33
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docs citations

33
times ranked

2305
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesencephalic Astrocyte-derived Neurotrophic Factor (MANF) Secretion and Cell Surface Binding Are Modulated by KDEL Receptors. <i>Journal of Biological Chemistry</i> , 2013, 288, 4209-4225.	3.4	127
2	KDM5 histone demethylases repress immune response via suppression of STING. <i>PLoS Biology</i> , 2018, 16, e2006134.	5.6	106
3	KDEL Receptors Are Differentially Regulated to Maintain the ER Proteome under Calcium Deficiency. <i>Cell Reports</i> , 2018, 25, 1829-1840.e6.	6.4	93
4	Structural Basis for KDM5A Histone Lysine Demethylase Inhibition by Diverse Compounds. <i>Cell Chemical Biology</i> , 2016, 23, 769-781.	5.2	80
5	The SARS-CoV-2 Cytopathic Effect Is Blocked by Lysosome Alkalinizing Small Molecules. <i>ACS Infectious Diseases</i> , 2021, 7, 1389-1408.	3.8	74
6	A widely-applicable high-throughput cellular thermal shift assay (CETSA) using split Nano Luciferase. <i>Scientific Reports</i> , 2018, 8, 9472.	3.3	65
7	Assessing inhibitors of mutant isocitrate dehydrogenase using a suite of pre-clinical discovery assays. <i>Scientific Reports</i> , 2017, 7, 12758.	3.3	59
8	Design, Synthesis, and Biological Evaluation of Quinazolin-4-one-Based Hydroxamic Acids as Dual PI3K/HDAC Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4256-4292.	6.4	59
9	Ipomoeassin F Binds Sec61 β to Inhibit Protein Translocation. <i>Journal of the American Chemical Society</i> , 2019, 141, 8450-8461.	13.7	58
10	SERCAMP: a carboxy-terminal protein modification that enables monitoring of ER calcium homeostasis. <i>Molecular Biology of the Cell</i> , 2014, 25, 2828-2839.	2.1	54
11	A Low Affinity GCaMP3 Variant (GCaMPer) for Imaging the Endoplasmic Reticulum Calcium Store. <i>PLoS ONE</i> , 2015, 10, e0139273.	2.5	51
12	High-throughput screening with nucleosome substrate identifies small-molecule inhibitors of the human histone lysine methyltransferase NSD2. <i>Journal of Biological Chemistry</i> , 2018, 293, 13750-13765.	3.4	46
13	Discovery of endoplasmic reticulum calcium stabilizers to rescue ER-stressed podocytes in nephrotic syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14154-14163.	7.1	39
14	High-Throughput Cellular Thermal Shift Assays in Research and Drug Discovery. <i>SLAS Discovery</i> , 2020, 25, 137-147.	2.7	35
15	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
16	Pyrazole-Based Lactate Dehydrogenase Inhibitors with Optimized Cell Activity and Pharmacokinetic Properties. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10984-11011.	6.4	30
17	Structure-Based Engineering of Irreversible Inhibitors against Histone Lysine Demethylase KDM5A. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10588-10601.	6.4	28
18	Connecting Neuronal Cell Protective Pathways and Drug Combinations in a Huntington's Disease Model through the Application of Quantitative Systems Pharmacology. <i>Scientific Reports</i> , 2017, 7, 17803.	3.3	22

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19	A target-agnostic screen identifies approved drugs to stabilize the endoplasmic reticulum-resident proteome. <i>Cell Reports</i> , 2021, 35, 109040.	6.4	18
20	A small molecule inhibitor of ER-to-cytosol protein dislocation exhibits anti-dengue and anti-Zika virus activity. <i>Scientific Reports</i> , 2019, 9, 10901.	3.3	15
21	Discovery and Optimization of 2-Hydroxy-1 ² -Pyridin-2-one Inhibitors of Mutant Isocitrate Dehydrogenase 1 for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4913-4946.	6.4	12
22	Longitudinal monitoring of Gaussia and Nano luciferase activities to concurrently assess ER calcium homeostasis and ER stress in vivo. <i>PLoS ONE</i> , 2017, 12, e0175481.	2.5	11
23	Compound screening in cell-based models of tau inclusion formation: Comparison of primary neuron and HEK293 cell assays. <i>Journal of Biological Chemistry</i> , 2020, 295, 4001-4013.	3.4	10
24	Monitoring Endoplasmic Reticulum Calcium Homeostasis Using a &em>Gaussia&/em> Luciferase SERCaMP. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	9
25	Insights into the Action of Inhibitor Enantiomers against Histone Lysine Demethylase 5A. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3193-3208.	6.4	9
26	A Comparative Study of Target Engagement Assays for HDAC1 Inhibitor Profiling. <i>SLAS Discovery</i> , 2020, 25, 253-264.	2.7	9
27	High-Throughput Cellular Thermal Shift Assay Using Acoustic Transfer of Protein Lysates. <i>ACS Chemical Biology</i> , 2022, , .	3.4	8
28	High-Throughput Detection of Ligand-Protein Binding Using a SplitLuc Cellular Thermal Shift Assay. <i>Methods in Molecular Biology</i> , 2021, 2365, 21-41.	0.9	7
29	The AKT modulator A-443654 reduces Î±-synuclein expression and normalizes ER stress and autophagy. <i>Journal of Biological Chemistry</i> , 2021, 297, 101191.	3.4	7
30	Physiologically relevant orthogonal assays for the discovery of small-molecule modulators of WIP1 phosphatase in high-throughput screens. <i>Journal of Biological Chemistry</i> , 2019, 294, 17654-17668.	3.4	6
31	Discovery and Optimization of Pyrrolopyrimidine Derivatives as Selective Disruptors of the Perinucleolar Compartment, a Marker of Tumor Progression toward Metastasis. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8303-8331.	6.4	4
32	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. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 1249-1258.	5.4	3