

Lauren E Brown

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

869
citations

394390

19
h-index

501174

28
g-index

34
all docs

34
docs citations

34
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for species-selective targeting of Hsp90 in a pathogenic fungus. <i>Nature Communications</i> , 2019, 10, 402.	12.8	85
2	eIF4A supports an oncogenic translation program in pancreatic ductal adenocarcinoma. <i>Nature Communications</i> , 2019, 10, 5151.	12.8	64
3	Inhibiting the oncogenic translation program is an effective therapeutic strategy in multiple myeloma. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	53
4	Heat Shock Factor 1-dependent extracellular matrix remodeling mediates the transition from chronic intestinal inflammation to colon cancer. <i>Nature Communications</i> , 2020, 11, 6245.	12.8	51
5	A Novel Class of Small Molecule Compounds that Inhibit Hepatitis C Virus Infection by Targeting the Prohibitin-CRaf Pathway. <i>EBioMedicine</i> , 2015, 2, 1600-1606.	6.1	49
6	An oxindole efflux inhibitor potentiates azoles and impairs virulence in the fungal pathogen <i>Candida auris</i> . <i>Nature Communications</i> , 2020, 11, 6429.	12.8	49
7	Rocaglates Induce Gain-of-Function Alterations to eIF4A and eIF4F. <i>Cell Reports</i> , 2020, 30, 2481-2488.e5.	6.4	48
8	Design and Synthesis of Fungal-Selective Resorcylate Aminopyrazole Hsp90 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2139-2180.	6.4	46
9	Amidino-Rocaglates: A Potent Class of eIF4A Inhibitors. <i>Cell Chemical Biology</i> , 2019, 26, 1586-1593.e3.	5.2	45
10	Discovery of new antimalarial chemotypes through chemical methodology and library development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6775-6780.	7.1	42
11	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
12	Translation Inhibition by Rocaglates Activates a Species-Specific Cell Death Program in the Emerging Fungal Pathogen <i>Candida auris</i> . <i>MBio</i> , 2020, 11, .	4.1	27
13	Total Syntheses of the Isomeric Aglaine Natural Products Foveoglinin A and Pervirdisin B: Selective Excited-State Intramolecular Proton Transfer Photocycloaddition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14479-14482.	13.8	26
14	Chemical Synthesis Enables Structural Reengineering of Aglaroxin C Leading to Inhibition Bias for Hepatitis C Viral Infection. <i>Journal of the American Chemical Society</i> , 2019, 141, 1312-1323.	13.7	26
15	Targeting translation initiation by synthetic rocaglates for treating MYC-driven lymphomas. <i>Leukemia</i> , 2020, 34, 138-150.	7.2	25
16	Rocaglates as dual-targeting agents for experimental cerebral malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2366-E2375.	7.1	24
17	Intercepted Retro-Nazarov Reaction: Syntheses of Amidino-Rocaglate Derivatives and Their Biological Evaluation as eIF4A Inhibitors. <i>Journal of the American Chemical Society</i> , 2019, 141, 12891-12900.	13.7	23
18	Fungal-Selective Resorcylate Aminopyrazole Hsp90 Inhibitors: Optimization of Whole-Cell Anticryptococcal Activity and Insights into the Structural Origins of Cryptococcal Selectivity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1139-1169.	6.4	23

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19	Sensitization of renal carcinoma cells to TRAIL-induced apoptosis by rocaglamide and analogs. <i>Scientific Reports</i> , 2018, 8, 17519.	3.3	21
20	Defining and navigating macrocycle chemical space. <i>Chemical Science</i> , 2021, 12, 4309-4328.	7.4	21
21	Dihydropyrimidine-Thiones and Clioquinol Synergize To Target β^2 -Amyloid Cellular Pathologies through a Metal-Dependent Mechanism. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2039-2055.	3.5	17
22	Gold Catalyzed Cyclization of Alkyne-Tethered Dihydropyrimidones. <i>Organic Letters</i> , 2011, 13, 4228-4231.	4.6	14
23	Channeling macrophage polarization by rocaglates increases macrophage resistance to <i>Mycobacterium tuberculosis</i> . <i>IScience</i> , 2021, 24, 102845.	4.1	14
24	Discovery of Macrocyclic Inhibitors of Apurinic/Apyrimidinic Endonuclease 1. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1971-1988.	6.4	12
25	Asymmetric Dearomatization/Cyclization Enables Access to Polycyclic Chemotypes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4800-4804.	2.4	9
26	Oxo-aglaiaistatin-Mediated Inhibition of Translation Initiation. <i>Scientific Reports</i> , 2019, 9, 1265.	3.3	8
27	Small Molecule Amyloid- β^2 Protein Precursor Processing Modulators Lower Amyloid- β^2 Peptide Levels via cKit Signaling. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 1089-1106.	2.6	6
28	Identification of structurally re-engineered rocaglates as inhibitors against hepatitis E virus replication. <i>Antiviral Research</i> , 2022, 204, 105359.	4.1	4
29	Total Syntheses of the Isomeric Aglain Natural Products Foveoglinin A and Perviridin B: Selective Excited-State Intramolecular Proton Transfer Photocycloaddition. <i>Angewandte Chemie</i> , 2017, 129, 14671-14674.	2.0	2
30	Diastereodivergent Synthesis of Chiral Tetrahydropyrrolodiazepinediones via a One-Pot Intramolecular <i>aza</i> -Michael/Lactamization Sequence. <i>Journal of Organic Chemistry</i> , 2018, 83, 15449-15462.	3.2	1
31	Divergent, C-C Bond Forming Macrocyclizations Using Modular Sulfonylhydrazone and Derived Substrates. <i>Journal of Organic Chemistry</i> , 2021, 86, 16485-16510.	3.2	1
32	Inhibition of the Translation Initiation Factor eIF4A Enhances Tumor Cell Radiosensitivity. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 1406-1414.	4.1	1
33	Abstract LB204: HSF1 promotes inflammation induced tumor development through ECM remodeling. , 2021, , .		0