Lawrence R Dick

List of Publications by Year
in descending order

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19 papers	4,387 citations	471509 17 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	8473 citing authors

#	Article	IF	Citations
1	An inhibitor of NEDD8-activating enzyme as a new approach to treat cancer. Nature, 2009, 458, 732-736.	27.8	1,626
2	Potent and selective inhibitors of the proteasome: Dipeptidyl boronic acids. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 333-338.	2.2	659
3	Ubiquitin-like protein conjugation and the ubiquitinâ€“proteasome system as drug targets. Nature Reviews Drug Discovery, 2011, 10, 29-46.	46.4	456
4	Substrate-Assisted Inhibition of Ubiquitin-like Protein-Activating Enzymes: The NEDD8 E1 Inhibitor MLN4924 Forms a NEDD8-AMP Mimetic In Situ. Molecular Cell, 2010, 37, 102-111.	9.7	396
5	A small-molecule inhibitor of the ubiquitin activating enzyme for cancer treatment. Nature Medicine, 2018, 24, 186-193.	30.7	258
6	Artemisinin kills malaria parasites by damaging proteins and inhibiting the proteasome. Nature Communications, 2018, 9, 3801.	12.8	193
7	Probing the roles of SUMOylation in cancer cell biology by using a selective SAE inhibitor. Nature Chemical Biology, 2017, 13, 1164-1171.	8.0	163
8	Characterization of a new series of non-covalent proteasome inhibitors with exquisite potency and selectivity for the 20S Î²5-subunit. Biochemical Journal, 2010, 430, 461-476.	3.7	148
9	Treatment-Emergent Mutations in NAEÎ² Confer Resistance to the NEDD8-Activating Enzyme Inhibitor MLN4924. Cancer Cell, 2012, 21, 388-401.	16.8	98
10	Mechanistic Studies of Substrate-assisted Inhibition of Ubiquitin-activating Enzyme by Adenosine Sulfamate Analogues. Journal of Biological Chemistry, 2011, 286, 40867-40877.	3.4	78
11	Comparison of biochemical and biological effects of ML858 (salinosporamide A) and bortezomib. Molecular Cancer Therapeutics, 2006, 5, 3052-3061.	4.1	68
12	Target Validation and Identification of Novel Boronate Inhibitors of the Plasmodium falciparum Proteasome. Journal of Medicinal Chemistry, 2018, 61, 10053-10066.	6.4	54
13	Mechanistic Studies on Activation of Ubiquitin and Di-ubiquitin-like Protein, FAT10, by Ubiquitin-like Modifier Activating Enzyme 6, Uba6. Journal of Biological Chemistry, 2012, 287, 15512-15522.	3.4	38
14	Mechanistic Study of Uba5 Enzyme and the Ufm1 Conjugation Pathway. Journal of Biological Chemistry, 2014, 289, 22648-22658.	3.4	32
15	The proteasome as a target for protozoan parasites. Expert Opinion on Therapeutic Targets, 2019, 23, 903-914.	3.4	32
16	The structure of the PA28â€“20S proteasome complex from Plasmodium falciparum and implications for proteostasis. Nature Microbiology, 2019, 4, 1990-2000.	13.3	31
17	Reaction hijacking of tyrosine tRNA synthetase as a new whole-of-life-cycle antimalarial strategy. Science, 2022, 376, 1074-1079.	12.6	25
18	Design of proteasome inhibitors with oral efficacy in vivo against Plasmodium falciparum and selectivity over the human proteasome. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	19

#	Article	IF	Citations
19	Absolute Quantification of E1, Ubiquitin-Like Proteins and Nedd8â€“MLN4924 Adduct by Mass Spectrometry. Cell Biochemistry and Biophysics, 2013, 67, 139-147.	1.8	13