Woon-Kai Low

List of Publications by Year
in descending order

14 papers	1,097 citations	1040056 9 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	1756 citing authors

#	Article	IF	Citations
1	Synthesis of 2,3-dihydrobenzo[b][1,4]dioxine-5-carboxamide and 3-oxo-3,4-dihydrobenzo[b][1,4]oxazine-8-carboxamide derivatives as PARP1 inhibitors. Bioorganic Chemistry, 2020, 102, 104075.	4.1	3
2	Investigation of the mechanism of action of a potent pateamine A analog, des-methyl, des-amino pateamine A (DMDAPatA). Biochemistry and Cell Biology, 2020, 98, 502-510.	2.0	7
3	Investigation of the conserved glutamate immediately following the DEAD box in eukaryotic translation initiation factor 4AI. Biochemistry and Cell Biology, 2014, 92, 33-42.	2.0	0
4	Second-generation derivatives of the eukaryotic translation initiation inhibitor pateamine A targeting eIF4A as potential anticancer agents. Bioorganic and Medicinal Chemistry, 2014, 22, 116-125.	3.0	37
5	Synthesis and SAR optimization of quinazolin-4(3H)-ones as poly(ADP-ribose)polymerase-1 inhibitors. European Journal of Medicinal Chemistry, 2012, 50, 264-273.	5.5	40
6	XPB, a subunit of TFIIH, is a target of the natural product triptolide. Nature Chemical Biology, 2011, 7, 182-188.	8.0	410
7	Inhibition of Nonsense-mediated mRNA Decay by the Natural Product Pateamine A through Eukaryotic Initiation Factor 4AIII. Journal of Biological Chemistry, 2009, 284, 23613-23621.	3.4	58
8	Isolation and Identification of Eukaryotic Initiation Factor 4A as a Molecular Target for the Marine Natural Product Pateamine A. Methods in Enzymology, 2007, 431, 303-324.	1.0	28
9	Substrate-Dependent Targeting of Eukaryotic Translation Initiation Factor 4A by Pateamine A: Negation of Domain-Linker Regulation of Activity. Chemistry and Biology, 2007, 14, 715-727.	6.0	48
10	Synthesis, Characterization, and Utility of Thermoresponsive Natural/Unnatural Product Macroligands for Affinity Chromatography. Organic Letters, 2006, 8, 5247-5250.	4.6	11
11	Eukaryotic Initiation Factor 2Î±-independent Pathway of Stress Granule Induction by the Natural Product Pateamine A. Journal of Biological Chemistry, 2006, 281, 32870-32878.	3.4	229
12	Inhibition of Eukaryotic Translation Initiation by the Marine Natural Product Pateamine A. Molecular Cell, 2005, 20, 709-722.	9.7	220
13	The Skin-Type Antifreeze Polypeptides: A New Class of Type I AFPs. Molecular Aspects of Fish and Marine Biology, 2002, , 161-186.	0.2	6
14	Antifreeze Protein Gene Transfer in Salmonids. Molecular Aspects of Fish and Marine Biology, 2002, , 213-227.	0.2	0