Ole Andreas Andersen

List of Publications by Year
in descending order

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24	1,087	394421 19	642732 23
papers	citations	h-index	g-index

27	27	27	1279
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal Structure of the Ternary Complex of the Catalytic Domain of Human Phenylalanine Hydroxylase with Tetrahydrobiopterin and 3-(2-Thienyl)-l-alanine, and its Implications for the Mechanism of Catalysis and Substrate Activation. Journal of Molecular Biology, 2002, 320, 1095-1108.	4.2	115
2	Methylxanthine Drugs Are Chitinase Inhibitors: Investigation of Inhibition and Binding Modes. Chemistry and Biology, 2005, 12, 973-980.	6.0	108
3	High resolution crystal structures of the catalytic domain of human phenylalanine hydroxylase in its catalytically active Fe(II) form and binary complex with tetrahydrobiopterin. Journal of Molecular Biology, 2001, 314, 279-291.	4.2	104
4	2.0Ã... Resolution Crystal Structures of the Ternary Complexes of Human Phenylalanine Hydroxylase Catalytic Domain with Tetrahydrobiopterin and 3-(2-Thienyl)-l-alanine or l-Norleucine: Substrate Specificity and Molecular Motions Related to Substrate Binding. Journal of Molecular Biology, 2003, 333, 747-757.	4.2	88
5	Natural product family 18 chitinase inhibitors. Natural Product Reports, 2005, 22, 563.	10.3	79
6	Trypsin specificity as elucidated by LIE calculations, X-ray structures, and association constant measurements. Protein Science, 2004, 13, 1056-1070.	7.6	75
7	Structure-Based Dissection of the Natural Product Cyclopentapeptide Chitinase Inhibitor Argifin. Chemistry and Biology, 2008, 15, 295-301.	6.0	59
8	Discovery and Structureâ€“Activity Relationship of Potent and Selective Covalent Inhibitors of Transglutaminase 2 for Huntingtonâ€™s Disease. Journal of Medicinal Chemistry, 2012, 55, 1021-1046.	6.4	59
9	Screening-based Discovery and Structural Dissection of a Novel Family 18 Chitinase Inhibitor. Journal of Biological Chemistry, 2006, 281, 27278-27285.	3.4	53
10	Crystal Structure of Alkaline Phosphatase from the Antarctic Bacterium TAB5. Journal of Molecular Biology, 2007, 366, 1318-1331.	4.2	47
11	Analyzing Airway Inflammation with Chemical Biology: Dissection of Acidic Mammalian Chitinase Function with a Selective Drug-like Inhibitor. Chemistry and Biology, 2011, 18, 569-579.	6.0	44
12	An efficient synthesis of argifin: A natural product chitinase inhibitor with chemotherapeutic potential. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4717-4721.	2.2	39
13	Structural basis for enzymatic excision of N1-methyladenine and N3-methylcytosine from DNA. EMBO Journal, 2007, 26, 2206-2217.	7.8	37
14	Solid-phase synthesis of cyclic peptide chitinase inhibitors: SAR of the argifin scaffold. Organic and Biomolecular Chemistry, 2009, 7, 259-268.	2.8	35
15	High-resolution structures of three new trypsinâ€“squash-inhibitor complexes: a detailed comparison with other trypsins and their complexes. Acta Crystallographica Section D: Biological Crystallography, 1999, 55, 139-148.	2.5	30
16	Studies on the regulatory properties of the pterin cofactor and dopamine bound at the active site of human phenylalanine hydroxylase. FEBS Journal, 2003, 270, 981-990.	0.2	25
17	Cross-linking of protein crystals as an aid in the generation of binary proteinâ€“ligand crystal complexes, exemplified by the human PDE10aâ€“papaverine structure. Acta Crystallographica Section D: Biological Crystallography, 2009, 65, 872-874.	2.5	23
18	First Synthesis of Argadin: A Nanomolar Inhibitor of Family-18 Chitinases. European Journal of Organic Chemistry, 2006, 2006, 5002-5006.	2.4	22

#	Article	IF	Citations
19	Bisdionin Câ€"A Rationally Designed, Submicromolar Inhibitor of Family 18 Chitinases. ACS Medicinal Chemistry Letters, 2011, 2, 428-432.	2.8	20
20	Deamidation of labile asparagine residues in the autoregulatory sequence of human phenylalanine hydroxylase. FEBS Journal, 2003, 270, 929-938.	0.2	18
21	Substituting Tyr¹³⁸ in the active site loop of human phenylalanine hydroxylase affects catalysis and substrate activation. FEBS Open Bio, 2017, 7, 1026-1036.	2.3	4
22	Synthesis and Structure-based Dissection of Cyclic Peptide Chitinase Inhibitors: New Leads for Antifungal and Anti-Inflammatory Drugs. Advances in Experimental Medicine and Biology, 2009, 611, 525-526.	1.6	2
23	Natural Product Family 18 Chitinase Inhibitors. ChemInform, 2006, 37, no.	0.0	1
24	SPPS of the Natural Product Chitinase Inhibitor Argifin: Library Generation and Biological Evaluation. Advances in Experimental Medicine and Biology, 2009, 611, 143-144.	1.6	0