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	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
2	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
3	Bisdionin Câ€”A Rationally Designed, Submicromolar Inhibitor of Family 18 Chitinases. ACS Medicinal Chemistry Letters, 2011, 2, 428-432.	2.8	20
4	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
5	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
6	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
7	Solid-phase synthesis of cyclic peptide chitinase inhibitors: SAR of the argifin scaffold. Organic and Biomolecular Chemistry, 2009, 7, 259-268.	2.8	35
8	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
9	Structure-Based Dissection of the Natural Product Cyclopentapeptide Chitinase Inhibitor Argifin. Chemistry and Biology, 2008, 15, 295-301.	6.0	59
10	Crystal Structure of Alkaline Phosphatase from the Antarctic Bacterium TAB5. Journal of Molecular Biology, 2007, 366, 1318-1331.	4.2	47
11	Structural basis for enzymatic excision of N1-methyladenine and N3-methylcytosine from DNA. EMBO Journal, 2007, 26, 2206-2217.	7.8	37
12	Natural Product Family 18 Chitinase Inhibitors. ChemInform, 2006, 37, no.	0.0	1
13	First Synthesis of Argadin: A Nanomolar Inhibitor of Family-18 Chitinases. European Journal of Organic Chemistry, 2006, 2006, 5002-5006.	2.4	22
14	Screening-based Discovery and Structural Dissection of a Novel Family 18 Chitinase Inhibitor. Journal of Biological Chemistry, 2006, 281, 27278-27285.	3.4	53
15	Methylxanthine Drugs Are Chitinase Inhibitors: Investigation of Inhibition and Binding Modes. Chemistry and Biology, 2005, 12, 973-980.	6.0	108
16	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
17	Natural product family 18 chitinase inhibitors. Natural Product Reports, 2005, 22, 563.	10.3	79
18	Trypsin specificity as elucidated by LIE calculations, X-ray structures, and association constant measurements. Protein Science, 2004, 13, 1056-1070.	7.6	75

#	Article	IF	Citations
19	Deamidation of labile asparagine residues in the autoregulatory sequence of human phenylalanine hydroxylase. FEBS Journal, 2003, 270, 929-938.	0.2	18
20	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
21	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
22	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
23	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
24	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