

# Christopher T Åberg

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Using Spinchem Rotating Bed Reactor Technology for Immobilized Enzymatic Reactions: A Case Study. <i>Organic Process Research and Development</i> , 2019, 23, 1926-1931.	2.7	16
2	The structure-activity relationship of the salicylimide derived inhibitors of UDP-sugar producing pyrophosphorylases. <i>Plant Signaling and Behavior</i> , 2018, 13, 1-3.	2.4	2
3	Identification and characterization of inhibitors of <sc>UDP</sc>-glucose and <sc>UDP</sc>-sugar pyrophosphorylases for <i>in vivo</i> studies. <i>Plant Journal</i> , 2017, 90, 1093-1107.	5.7	28
4	Total Synthesis of the Resveratrol Oligomers (±)-Ampelopsin B and (±)-Quiniferin. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 426-429.	2.4	34
5	High-Throughput Screening Using a Whole-Cell Virus Replication Reporter Gene Assay to Identify Inhibitory Compounds against Rift Valley Fever Virus Infection. <i>Journal of Biomolecular Screening</i> , 2016, 21, 354-362.	2.6	14
6	Syntheses of pseudoceramines A-D and a new synthesis of spermatinamine, bromotyrosine natural products from marine sponges. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1246-1254.	2.8	12
7	2-[4,5-Difluoro-2-(2-Fluorobenzoylamino)-Benzoylamino]Benzoic Acid, an Antiviral Compound with Activity against Acyclovir-Resistant Isolates of Herpes Simplex Virus Types 1 and 2. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5735-5743.	3.2	15
8	Synthesis, Biological Evaluation, and Structure-Activity Relationships of 2-[2-(Benzoylamino)benzoylamino]benzoic Acid Analogues as Inhibitors of Adenovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3170-3181.	6.4	24
9	Taloside Inhibitors of Galectin-1 and Galectin-3. <i>Chemical Biology and Drug Design</i> , 2012, 79, 339-346.	3.2	56
10	Inhibition mechanism of human galectin-7 by a novel galactose-benzylphosphate inhibitor. <i>FEBS Journal</i> , 2012, 279, 193-202.	4.7	18
11	Inhibition of Galectins with Small Molecules. <i>Chimia</i> , 2011, 65, 18.	0.6	73
12	Synthesis of 3-amido-3-deoxy- $\beta$ -D-talopyranosides: all-cis-substituted pyranosides as lectin inhibitors. <i>Tetrahedron</i> , 2011, 67, 9164-9172.	1.9	24
13	Anion Based Arginine-Binding Motif on a Galactose Scaffold: Structure-Activity Relationships of Interactions with Arginine-Rich Galectins. <i>Chemistry - A European Journal</i> , 2011, 17, 8139-8144.	3.3	22
14	Mutational Tuning of Galectin-3 Specificity and Biological Function. <i>Journal of Biological Chemistry</i> , 2010, 285, 35079-35091.	3.4	98
15	Synthesis of 2-(2-Aminopyrimidine)-2,2-difluoroethanols as Potential Bioisosters of Salicylidene Acylhydrazides. <i>Molecules</i> , 2010, 15, 4423-4438.	3.8	7
16	Synthesis of 3-azido-3-deoxy- $\beta$ -D-galactopyranosides. <i>Carbohydrate Research</i> , 2009, 344, 1282-1284.	2.3	14
17	Protein subtype-targeting through ligand epimerization: Talose-selectivity of galectin-4 and galectin-8. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3691-3694.	2.2	35
18	Arginine Binding Motifs: Design and Synthesis of Galactose-Derived Arginine Tweezers as Galectin-3 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2297-2301.	6.4	38

#	ARTICLE	IF	CITATIONS
19	Different affinity of galectins for human serum glycoproteins: Galectin-3 binds many protease inhibitors and acute phase proteins. <i>Glycobiology</i> , 2008, 18, 384-394.	2.5	59
20	Affinity of galectin-8 and its carbohydrate recognition domains for ligands in solution and at the cell surface. <i>Glycobiology</i> , 2007, 17, 663-676.	2.5	162
21	Efficient and Expedient Two-Step Pyranose-Retaining Fluorescein Conjugation of Complex Reducing Oligosaccharides: A Galectin Oligosaccharide Specificity Studies in a Fluorescence Polarization Assay. <i>Bioconjugate Chemistry</i> , 2003, 14, 1289-1297.	3.6	23