

Anders P Sundin

List of Publications by Year in descending order

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papers

1,204
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394421

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all docs

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docs citations

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times ranked

1405
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	C2-Symmetrical Thiodigalactoside Bis-Benzamido Derivatives as High-Affinity Inhibitors of Galectin-3: Efficient Lectin Inhibition through Double Arginine-Arene Interactions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5110-5112.	13.8	120
3	Mutational Tuning of Galectin-3 Specificity and Biological Function. <i>Journal of Biological Chemistry</i> , 2010, 285, 35079-35091.	3.4	98
4	1H-1,2,3-Triazol-1-yl thiodigalactoside derivatives as high affinity galectin-3 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5367-5378.	3.0	93
5	Double Affinity Amplification of Galectin-Ligand Interactions through Arginine-Arene Interactions: Synthetic, Thermodynamic, and Computational Studies with Aromatic Diamido Thiodigalactosides. <i>Chemistry - A European Journal</i> , 2008, 14, 4233-4245.	3.3	76
6	Studies of Arginine-Arene Interactions through Synthesis and Evaluation of a Series of Galectin-Binding Aromatic Lactose Esters. <i>ChemBioChem</i> , 2007, 8, 1389-1398.	2.6	61
7	Monovalent Interactions of Galectin-1. <i>Biochemistry</i> , 2010, 49, 9518-9532.	2.5	54
8	Iridium Catalyzed Carbocyclizations: Efficient (5+2) Cycloadditions of Vinylcyclopropanes and Alkynes. <i>Chemistry - A European Journal</i> , 2015, 21, 531-535.	3.3	44
9	Thioureido N-acetylglucosamine derivatives as potent galectin-7 and 9N inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1215-1220.	3.0	37
10	Synthetic receptor analogues: preparation and calculated conformations of the 2-deoxy, 6-O-methyl, 6-deoxy, and 6-deoxy-6-fluoro derivatives of methyl 4-O- β -D-galactopyranosyl- β -D-galactopyranoside (methyl β -D-galabioside). <i>Carbohydrate Research</i> , 1988, 176, 271-286.	2.3	35
11	Composition- and Size-Controlled Cyclic Self-Assembly by Solvent- and C ₆₀ -Responsive Self-Sorting. <i>Journal of the American Chemical Society</i> , 2013, 135, 15263-15268.	13.7	30
12	Aglycone specificity of <i>Thermotoga neapolitana</i> β -glucosidase 1A modified by mutagenesis, leading to increased catalytic efficiency in quercetin-3-glucoside hydrolysis. <i>BMC Biochemistry</i> , 2011, 12, 11.	4.4	29
13	Formation of an heterochiral supramolecular cage by diastereomer self-discrimination: fluorescence enhancement and C60 sensing. <i>Chemical Communications</i> , 2010, 46, 4381.	4.1	28
14	Highly Diastereoselective Hydrogenations Leading to β -Hydroxy β -Lactones in Hydroxy-Protected Form. A Modified View of β -Lactone Conformations. <i>Journal of the American Chemical Society</i> , 2003, 125, 11942-11955.	13.7	27
15	Rules for priming and inhibition of glycosaminoglycan biosynthesis; probing the β 4GalT7 active site. <i>Chemical Science</i> , 2014, 5, 3501-3508.	7.4	26
16	Furanocembranoid Diterpenes as Defensive Compounds in the Dufour Gland of the Ant <i>Crematogaster brevispinosa rochai</i> . <i>Tetrahedron</i> , 2000, 56, 2037-2042.	1.9	23
17	Quinoline-galactose hybrids bind selectively with high affinity to a galectin-8 N-terminal domain. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6295-6305.	2.8	23
18	Synthesis of Substituted Oxazoles from β -Benzyl Propargyl Amines and Acid Chlorides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4578-4585.	2.4	22

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19	Cobalt-mediated solid phase synthesis of 3-O-alkynylbenzyl galactosides and their evaluation as galectin inhibitors. <i>Tetrahedron</i> , 2006, 62, 8309-8317.	1.9	17
20	A Remarkably Complex Supramolecular Hydrogen-Bonded Decameric Capsule Formed from an Enantiopure <i>C</i> ₂ -Symmetric Monomer by Solvent-Responsive Aggregation. <i>Journal of the American Chemical Society</i> , 2015, 137, 10536-10546.	13.7	17
21	N-Substituted salicylamides as selective malaria parasite dihydroorotate dehydrogenase inhibitors. <i>MedChemComm</i> , 2011, 2, 895.	3.4	16
22	Galactose-amidine derivatives as selective antagonists of galectin-9. <i>Canadian Journal of Chemistry</i> , 2016, 94, 936-939.	1.1	15
23	Haemophilus influenzae surface fibril (Hsf) is a unique twisted hairpin-like trimeric autotransporter. <i>International Journal of Medical Microbiology</i> , 2015, 305, 27-37.	3.6	12
24	Absence of Reverse Anomeric Effect in Furanosides. <i>Journal of Organic Chemistry</i> , 2006, 71, 5892-5896.	3.2	11
25	Synthesis of a ϵ^2 -naphthamido-LacNAc fluorescein conjugate with high selectivity and affinity for galectin-3. <i>Carbohydrate Research</i> , 2006, 341, 1363-1369.	2.3	11
26	Epimers Switch Galectin-9 Domain Selectivity: 3-N-Aryl Galactosides Bind the C-Terminal and Gulosides Bind the N-Terminal. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 34-39.	2.8	11
27	The structure determination of panellon and panellol, two 14-noreudesmanes isolated from <i>resupinatus leightonii</i> . <i>Tetrahedron</i> , 1993, 49, 7519-7524.	1.9	10
28	The binding mechanism of the virulence factor <i>Streptococcus suis</i> adhesin P subtype to globotetraosylceramide is associated with systemic disease. <i>Journal of Biological Chemistry</i> , 2020, 295, 14305-14324.	3.4	10
29	Benzimidazole-galactosides bind selectively to the Galectin-8 N-Terminal domain: Structure-based design and optimisation. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113664.	5.5	10
30	Total Synthesis of (α)-Glionitrin A and B Enabled by an Asymmetric Oxidative Sulfenylation of Triketopiperazines. <i>Journal of the American Chemical Society</i> , 2021, 143, 21218-21222.	13.7	8
31	Asymmetric diels-alder reaction between the chiral isoprene units 2-(r)- and (s)-benzyloxy-2,5-dihydro-4-furancarboxaldehyde and cyclopentadiene. <i>Tetrahedron Letters</i> , 1985, 26, 5605-5608.	1.4	7
32	Synthesis of chiral, amphiphilic, and water-soluble macrocycles via urea formation. <i>Tetrahedron</i> , 2003, 59, 7921-7928.	1.9	7
33	Experimental and Computational Models for Side Chain Discrimination in Peptide-Protein Interactions. <i>Chemistry - A European Journal</i> , 2021, 27, 10883-10897.	3.3	6
34	Paracetamol analogues conjugated by FAAH induce TRPV1-mediated antinociception without causing acute liver toxicity. <i>European Journal of Medicinal Chemistry</i> , 2021, 213, 113042.	5.5	5
35	Diels-Alder adducts derived from the natural phthalide Z-ligustilide. <i>Tetrahedron Letters</i> , 2007, 48, 4215-4218.	1.4	4
36	A Unifying Bioinspired Synthesis of (α)-Asperaculin A and (α)-Penifulvin D. <i>Organic Letters</i> , 2021, 23, 3536-3540.	4.6	4

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37	Structure-Guided Design of d-Galactal Derivatives with High Affinity and Selectivity for the Galectin-8 N-Terminal Domain. ACS Medicinal Chemistry Letters, 2021, 12, 1745-1752.	2.8	4
38	The structure of human dermatan sulfate epimerase 1 emphasizes the importance of C5-epimerization of glucuronic acid in higher organisms. Chemical Science, 2021, 12, 1869-1885.	7.4	3
39	Selective Galectin-8 Ligands: The Design and Synthesis of Phthalazinone-d-Galactals. ChemMedChem, 2022, 17, e202100575.	3.2	2