

Kristoffer Peterson

List of Publications by Year in descending order

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papers

280
citations

1163117

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358
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#	ARTICLE	IF	CITATIONS
1	Systematic Tuning of Fluoro-galectin-3 Interactions Provides Thiodigalactoside Derivatives with Single-Digit nM Affinity and High Selectivity. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1164-1175.	6.4	76
2	Monosaccharide Derivatives with Low Nanomolar Lectin Affinity and High Selectivity Based on Combined Fluorine Amide, Phenyl Arginine, Sulfur, and Halogen Bond Interactions. <i>ChemMedChem</i> , 2018, 13, 133-137.	3.2	75
3	Structure and Energetics of Ligand Fluorine Interactions with Galectin-3 Backbone and Side Chain Amides: Insight into Solvation Effects and Multipolar Interactions. <i>ChemMedChem</i> , 2019, 14, 1528-1536.	3.2	24
4	Galectin-3 is an amplifier of the interleukin-1 β -mediated inflammatory response in corneal keratinocytes. <i>Immunology</i> , 2018, 154, 490-499.	4.4	21
5	<i>In Vivo Veritas</i> : ¹⁸ F-Radiolabeled Glycomimetics Allow Insights into the Pharmacological Fate of Galectin-3 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 747-755.	6.4	18
6	Entropy Entropy Compensation between the Protein, Ligand, and Solvent Degrees of Freedom Fine-Tunes Affinity in Ligand Binding to Galectin-3C. <i>Jacs Au</i> , 2021, 1, 484-500.	7.9	17
7	Substituted polyfluoroaryl interactions with an arginine side chain in galectin-3 are governed by steric-, desolvation and electronic conjugation effects. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1081-1089.	2.8	14
8	Aromatic heterocycle galectin-1 interactions for selective single-digit nM affinity ligands. <i>RSC Advances</i> , 2018, 8, 24913-24922.	3.6	12
9	Galectin-9 Signaling Drives Breast Cancer Invasion through Extracellular Matrix. <i>ACS Chemical Biology</i> , 2022, 17, 1376-1386.	3.4	10
10	Aryl Sulfonates in Inversions at Secondary Carbohydrate Hydroxyl Groups: A New and Improved Route Toward 3-Azido-3-deoxy- β -D-galactopyranosides. <i>Journal of Carbohydrate Chemistry</i> , 2015, 34, 490-499.	1.1	8
11	3-Substituted 1-Naphthamidomethyl-C-galactosyls Interact with Two Unique Sub-Sites for High-Affinity and High-Selectivity Inhibition of Galectin-3. <i>Molecules</i> , 2019, 24, 4554.	3.8	5