

Kristoffer Peterson

List of Publications by Year in descending order

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11
papers

280
citations

1163117

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1281871

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g-index

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all docs

11
docs citations

11
times ranked

358
citing authors

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