

Mary J Cloninger

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,269
citations

567281

15
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological applications of dendrimers. <i>Current Opinion in Chemical Biology</i> , 2002, 6, 742-748.	6.1	504
2	The Lectin-Binding Properties of Six Generations of Mannose-Functionalized Dendrimers. <i>Organic Letters</i> , 2002, 4, 7-10.	4.6	120
3	Carbohydrate-Functionalized Dendrimers To Investigate the Predictable Tunability of Multivalent Interactions. <i>Bioconjugate Chemistry</i> , 2006, 17, 958-966.	3.6	101
4	Novel Iodinated Dendritic Nanoparticles for Computed Tomography (CT) Imaging. <i>Nano Letters</i> , 2002, 2, 595-599.	9.1	97
5	The Role of Galectin-1 in Cancer Progression, and Synthetic Multivalent Systems for the Study of Galectin-1. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1566.	4.1	96
6	Mannose Functionalization of a Sixth Generation Dendrimer. <i>Biomacromolecules</i> , 2001, 2, 1052-1054.	5.4	80
7	Indium triflate catalyzed peracetylation of carbohydrates. <i>Carbohydrate Research</i> , 2008, 343, 1814-1818.	2.3	32
8	Lactose-Functionalized Dendrimers Arbitrate the Interaction of Galectin-3/MUC1 Mediated Cancer Cellular Aggregation. <i>ChemBioChem</i> , 2014, 15, 2106-2112.	2.6	30
9	Synthesis and Biological Activity of Highly Cationic Dendrimer Antibiotics. <i>Molecular Pharmaceutics</i> , 2016, 13, 3827-3834.	4.6	27
10	Multivalent scaffolds induce galectin-3 aggregation into nanoparticles. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1570-1577.	2.2	26
11	Characterization of Protein Aggregation via Intrinsic Fluorescence Lifetime. <i>Journal of the American Chemical Society</i> , 2009, 131, 16608-16609.	13.7	25
12	Glycodendrimers: tools to explore multivalent galectin-1 interactions. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 739-747.	2.2	23
13	Glycodendrimers and Modified ELISAs: Tools to Elucidate Multivalent Interactions of Galectins 1 and 3. <i>Molecules</i> , 2015, 20, 7059-7096.	3.8	21
14	Synthesis of carbohydrate-linked poly(polyoxometalate) poly(amido)amine dendrimers. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3059-3066.	2.3	20
15	Chemoenzymatic Synthesis of Galectin Binding Glycopolymers. <i>Bioconjugate Chemistry</i> , 2018, 29, 4030-4039.	3.6	18
16	Using In(III) as a promoter for glycosylation. <i>Carbohydrate Research</i> , 2012, 347, 142-146.	2.3	14
17	Protein aggregation nucleated by functionalized dendritic polyglycerols. <i>Polymer Chemistry</i> , 2020, 11, 3849-3862.	3.9	9
18	NMR metabolomic analysis of bacterial resistance pathways using multivalent quaternary ammonium functionalized macromolecules. <i>Metabolomics</i> , 2020, 16, 82.	3.0	7

#	ARTICLE	IF	CITATIONS
19	Time-Dependent Fluorescence Spectroscopy to Quantify Complex Binding Interactions. ACS Omega, 2020, 5, 29017-29024.	3.5	7
20	NMR Hydrophilic Metabolomic Analysis of Bacterial Resistance Pathways Using Multivalent Antimicrobials with Challenged and Unchallenged Wild Type and Mutated Gram-Positive Bacteria. International Journal of Molecular Sciences, 2021, 22, 13606.	4.1	4
21	Glycodendrimers and other Macromolecules Bearing Multiple Carbohydrates. , 0, , 335-358.		3
22	Nanoparticles To Study Lectins in <i>Caenorhabditis elegans</i> : Multivalent Galactose $\hat{2}$ 1-4 Fucose-Functionalized Dendrimers Provide Protection from Oxidative Stress. Biomacromolecules, 2021, 22, 4720-4729.	5.4	2