

Emil Tykesson

List of Publications by Year in descending order

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25
papers

490
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840776

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25
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Production and HPLC-Based Disaccharide Analysis of Xyloside-Primed Glycosaminoglycans. <i>Methods in Molecular Biology</i> , 2022, 2303, 173-182.	0.9	0
2	Assays for Evaluation of Substrates for and of Î²-1,4-Galactosyltransferase 7. <i>Methods in Molecular Biology</i> , 2022, 2303, 477-486.	0.9	0
3	The structure of human dermatan sulfate epimerase 1 emphasizes the importance of C5-epimerization of glucuronic acid in higher organisms. <i>Chemical Science</i> , 2021, 12, 1869-1885.	7.4	3
4	Chemoenzymatic Synthesis of Glycopeptides Bearing Galactose-Xylose Disaccharide from the Proteoglycan Linkage Region. <i>Organic Letters</i> , 2021, 23, 1738-1741.	4.6	5
5	Harnessing the ECM Microenvironment to Ameliorate Mesenchymal Stromal Cell-Based Therapy in Chronic Lung Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 645558.	3.5	12
6	Inhibition of iduronic acid biosynthesis by ebselen reduces glycosaminoglycan accumulation in mucopolysaccharidosis type I fibroblasts. <i>Glycobiology</i> , 2021, 31, 1319-1329.	2.5	2
7	Fluorescently labeled xylosides offer insight into the biosynthetic pathways of glycosaminoglycans. <i>RSC Advances</i> , 2021, 11, 38283-38292.	3.6	0
8	Azide-Functionalized Naphthoxyloside as a Tool for Glycosaminoglycan Investigations. <i>Bioconjugate Chemistry</i> , 2021, , .	3.6	3
9	Glycosaminoglycans: A Link Between Development and Regeneration in the Lung. <i>Stem Cells and Development</i> , 2019, 28, 823-832.	2.1	20
10	Recombinant dermatan sulfate is a potent activator of heparin cofactor II-dependent inhibition of thrombin. <i>Glycobiology</i> , 2019, 29, 446-451.	2.5	8
11	Synthesis of Double-Modified Xyloside Analogues for Probing the Î²4GalT7 Active Site. <i>Journal of Organic Chemistry</i> , 2018, 83, 1259-1277.	3.2	12
12	Dermatan sulfate epimerase 1 and dermatan 4-O-sulfotransferase 1 form complexes that generate long epimerized 4-O-sulfated blocks. <i>Journal of Biological Chemistry</i> , 2018, 293, 13725-13735.	3.4	26
13	Increased deposition of glycosaminoglycans and altered structure of heparan sulfate in idiopathic pulmonary fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 83, 27-38.	2.8	53
14	Naphthyl Thio- and Carba-xylopyranosides for Exploration of the Active Site of Î²-1,4-Galactosyltransferase 7 (Î²4GalT7). <i>Chemistry - A European Journal</i> , 2017, 23, 18057-18065.	3.3	6
15	Hydroxylated oxanes as xyloside analogs for determination of the minimal binding requirements of Î²4GalT7. <i>Tetrahedron Letters</i> , 2017, 58, 3466-3469.	1.4	6
16	Xyloside-primed Chondroitin Sulfate/Dermatan Sulfate from Breast Carcinoma Cells with a Defined Disaccharide Composition Has Cytotoxic Effects in Vitro. <i>Journal of Biological Chemistry</i> , 2016, 291, 14871-14882.	3.4	28
17	Disubstituted naphthyl Î²-D-xylopyranosides: Synthesis, GAG priming, and histone acetyltransferase (HAT) inhibition. <i>Glycoconjugate Journal</i> , 2016, 33, 245-257.	2.7	3
18	Determination of 3'-phosphoadenosine-5'-phosphosulfate in cells and Golgi fractions using hydrophilic interaction liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1470, 70-75.	3.7	5

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19	The Tyrosine Kinase Inhibitor Imatinib Augments Extracellular Fluid Exchange and Reduces Average Collagen Fibril Diameter in Experimental Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2455-2464.	4.1	14
20	Deciphering the mode of action of the processive polysaccharide modifying enzyme dermatan sulfate epimerase 1 by hydrogenâ€“deuterium exchange mass spectrometry. <i>Chemical Science</i> , 2016, 7, 1447-1456.	7.4	16
21	Dermatan Sulfate-Free Mice Display Embryological Defects and Are Neonatal Lethal Despite Normal Lymphoid and Non-Lymphoid Organogenesis. <i>PLoS ONE</i> , 2015, 10, e0140279.	2.5	34
22	Versican in inflammation and tissue remodeling: The impact on lung disorders. <i>Glycobiology</i> , 2015, 25, 243-251.	2.5	75
23	Exploration of the active site of $\hat{I}^{24}\text{GalT7}$: modifications of the aglycon of aromatic xylosides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3351-3362.	2.8	25
24	Rules for priming and inhibition of glycosaminoglycan biosynthesis; probing the $\hat{I}^{24}\text{GalT7}$ active site. <i>Chemical Science</i> , 2014, 5, 3501-3508.	7.4	26
25	Biological functions of iduronic acid in chondroitin/dermatan sulfate. <i>FEBS Journal</i> , 2013, 280, 2431-2446.	4.7	108