

# Zhijay Tu

## List of Publications by Year in descending order

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14  
papers

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Carbohydrate Ligands for COVID-19 Spike Proteins. <i>Viruses</i> , 2022, 14, 330.	1.5	7
2	Threshold of Thioglycoside Reactivity Difference Is Critical for Efficient Synthesis of Type I Oligosaccharides by Chemoselective Glycosylation. <i>Journal of Organic Chemistry</i> , 2021, 86, 892-916.	1.7	8
3	Entropy-driven binding of gut bacterial $\beta$ -glucuronidase inhibitors ameliorates irinotecan-induced toxicity. <i>Communications Biology</i> , 2021, 4, 280.	2.0	17
4	Development of a Tri-Functional Nanoprobe for Background-Free SERS Detection of Sialic Acid on the Cell Surface. <i>Chemosensors</i> , 2021, 9, 92.	1.8	2
5	Substituent Position of Iminocyclitols Determines the Potency and Selectivity for Gut Microbial Xenobiotic-Reactivating Enzymes. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4617-4627.	2.9	5
6	Selection of galectin-3 ligands derived from genetically encoded glycopeptide libraries. <i>Peptide Science</i> , 2019, 111, e24097.	1.0	9
7	Dissecting the Structure-Activity Relationship of Galectin-Ligand Interactions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 392.	1.8	58
8	Metabolic labelling of cholesteryl glucosides in <i>Helicobacter pylori</i> reveals how the uptake of human lipids enhances bacterial virulence. <i>Chemical Science</i> , 2016, 7, 6208-6216.	3.7	23
9	Dual thio-digalactoside-binding modes of human galectins as the structural basis for the design of potent and selective inhibitors. <i>Scientific Reports</i> , 2016, 6, 29457.	1.6	70
10	Efficient Mapping of Sulfated Glycotopes by Negative Ion Mode nanoLC-MS/MS-Based Sulfoglycomic Analysis of Permethylated Glycans. <i>Analytical Chemistry</i> , 2015, 87, 6380-6388.	3.2	25
11	Expeditious Synthesis of Orthogonally Protected Saccharides through Consecutive Protection/Glycosylation Steps. <i>Israel Journal of Chemistry</i> , 2015, 55, 325-335.	1.0	6
12	Structural Basis Underlying the Binding Preference of Human Galectins-1, -3 and -7 for Gal $\beta$ 1-3/4GlcNAc. <i>PLoS ONE</i> , 2015, 10, e0125946.	1.1	39
13	Development of fucosyltransferase and fucosidase inhibitors. <i>Chemical Society Reviews</i> , 2013, 42, 4459.	18.7	69
14	Synthesis and Characterization of Sulfated Gal $\beta$ 1,3/4GlcNAc Disaccharides through Consecutive Protection/Glycosylation Steps. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1536-1550.	1.7	24