

# Lawrence A Tabak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4436310/publications.pdf>

Version: 2024-02-01

25  
papers

1,849  
citations

516710

16  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2042  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel role for GalNAc-T2 dependent glycosylation in energy homeostasis. <i>Molecular Metabolism</i> , 2022, , 101472.	6.5	5
2	Improved online LC-MS/MS identification of O-glycosites by ETHcD fragmentation, chemoenzymatic reaction, and SPE enrichment. <i>Glycoconjugate Journal</i> , 2021, 38, 145-156.	2.7	13
3	Affirming NIH's commitment to addressing structural racism in the biomedical research enterprise. <i>Cell</i> , 2021, 184, 3075-3079.	28.9	81
4	Furin cleavage of the SARS-CoV-2 spike is modulated by N-glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	94
5	The US National Institutes of Health approach to inclusive excellence. <i>Nature Medicine</i> , 2021, 27, 1861-1864.	30.7	19
6	Differential splicing of the lectin domain of an O-glycosyltransferase modulates both peptide and glycopeptide preferences. <i>Journal of Biological Chemistry</i> , 2020, 295, 12525-12536.	3.4	7
7	Precision Health: Bringing Oral Health into the Context of Overall Health. <i>Advances in Dental Research</i> , 2019, 30, 31-33.	3.6	4
8	The structure of the colorectal cancer-associated enzyme GalNAc-T12 reveals how nonconserved residues dictate its function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20404-20410.	7.1	21
9	Galnt11 regulates kidney function by glycosylating the endocytosis receptor megalin to modulate ligand binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25196-25202.	7.1	38
10	A molecular switch orchestrates enzyme specificity and secretory granule morphology. <i>Nature Communications</i> , 2018, 9, 3508.	12.8	38
11	Members of the GalNAc-T family of enzymes utilize distinct Golgi localization mechanisms. <i>Glycobiology</i> , 2018, 28, 841-848.	2.5	14
12	Characterization and expression analysis of Galnts in developing <i>Strongylocentrotus purpuratus</i> embryos. <i>PLoS ONE</i> , 2017, 12, e0176479.	2.5	5
13	The GalNAc-T Activation Pathway (GALA) is not a general mechanism for regulating mucin-type O-glycosylation. <i>PLoS ONE</i> , 2017, 12, e0179241.	2.5	15
14	Mucin-type O-glycosylation is controlled by short- and long-range glycopeptide substrate recognition that varies among members of the polypeptide GalNAc transferase family. <i>Glycobiology</i> , 2016, 26, 360-376.	2.5	73
15	Galnt1 Is Required for Normal Heart Valve Development and Cardiac Function. <i>PLoS ONE</i> , 2015, 10, e0115861.	2.5	34
16	The Lectin Domain of the Polypeptide GalNAc Transferase Family of Glycosyltransferases (ppGalNAc Ts) Acts as a Switch Directing Glycopeptide Substrate Glycosylation in an N- or C-terminal Direction, Further Controlling Mucin Type O-Glycosylation. <i>Journal of Biological Chemistry</i> , 2013, 288, 19900-19914.	3.4	67
17	Control of mucin-type O-glycosylation: A classification of the polypeptide GalNAc-transferase gene family. <i>Glycobiology</i> , 2012, 22, 736-756.	2.5	670
18	Emerging Paradigms for the Initiation of Mucin-type Protein O-Glycosylation by the Polypeptide GalNAc Transferase Family of Glycosyltransferases. <i>Journal of Biological Chemistry</i> , 2011, 286, 14493-14507.	3.4	137

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19	Race Disparity in Grants: Oversight at Homeâ€™Response. <i>Science</i> , 2011, 334, 903-903.	12.6	1
20	The role of mucin-type O-glycans in eukaryotic development. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 616-621.	5.0	65
21	The Catalytic and Lectin Domains of UDP-GalNAc:Polypeptide Î±-N-Acetylgalactosaminyltransferase Function in Concert to Direct Glycosylation Site Selection. <i>Journal of Biological Chemistry</i> , 2008, 283, 22942-22951.	3.4	70
22	Dynamic Association between the Catalytic and Lectin Domains of Human UDP-GalNAc:Polypeptide Î±-N-Acetylgalactosaminyltransferase-2. <i>Journal of Biological Chemistry</i> , 2006, 281, 8613-8619.	3.4	142
23	Conducting and putting science into practice: the future of oral health research, dental education, and dental practice. <i>The Journal of the American College of Dentists</i> , 2002, 69, 27-31.	0.1	1
24	A Revolution in Biomedical Assessment: The Development of Salivary Diagnostics. <i>Journal of Dental Education</i> , 2001, 65, 1335-1339.	1.2	110
25	cDNA Cloning and Expression of a Novel UDP-N-acetyl-d-galactosamine:PolypeptideN-Acetylgalactosaminyltransferase. <i>Journal of Biological Chemistry</i> , 1997, 272, 13843-13848.	3.4	113