

Yu-Teh Li

List of Publications by Year in descending order

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393982

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docs citations

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times ranked

716
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Structural Determination of a Novel Ganglioside, a Disialosylpentahexosylceramide from Human Brain. <i>Journal of Biological Chemistry</i> , 1973, 248, 740-742.	1.6	175
2	Hydrolysis of Tay-Sachs Ganglioside by β -Hexosaminidase A of Human Liver and Urine. <i>Journal of Biological Chemistry</i> , 1973, 248, 7512-7515.	1.6	117
3	A unique glycosphingolipid-splitting enzyme (ceramide-glycanase from leech) cleaves the linkage between the oligosaccharide and the ceramide. <i>Biochemical and Biophysical Research Communications</i> , 1986, 141, 346-352.	1.0	90
4	Diphenylamine- α -Aniline- β -Phosphoric Acid Reagent, a Versatile Spray Reagent for Revealing Glycoconjugates on Thin-Layer Chromatography Plates. <i>Analytical Biochemistry</i> , 2000, 287, 337-339.	1.1	90
5	The Protein Activator Specific for the Enzymic Hydrolysis of GM2Ganglioside in Normal Human Brain and Brains of Three Types of GM2Gangliosidosis. <i>Journal of Neurochemistry</i> , 1983, 40, 168-175.	2.1	74
6	A new variant of Type-AB GM2-gangliosidosis. <i>Biochemical and Biophysical Research Communications</i> , 1981, 101, 479-485.	1.0	70
7	High-sensitivity analysis of glycosphingolipids by matrix-assisted laser desorption/ionization quadrupole ion trap time-of-flight imaging mass spectrometry on transfer membranes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 870, 74-83.	1.2	59
8	[91] β -Galactosidase from figs. <i>Methods in Enzymology</i> , 1972, 28, 714-720.	0.4	53
9	Synthesis and enzymatic susceptibility of a series of novel GM2 analogs. <i>Glycoconjugate Journal</i> , 2006, 23, 329-343.	1.4	39
10	Specificity of Mouse GM2 Activator Protein and β -N-Acetylhexosaminidases A and B. <i>Journal of Biological Chemistry</i> , 1998, 273, 66-72.	1.6	37
11	Structural Basis for the Resistance of Tay-Sachs Ganglioside GM2 to Enzymatic Degradation. <i>Journal of Biological Chemistry</i> , 1999, 274, 10014-10018.	1.6	33
12	Occurrence of a nonsulfated chondroitin proteoglycan in the dried saliva of Collocalia swiftlets (edible bird's-nest). <i>Glycobiology</i> , 2007, 17, 157-164.	1.3	31
13	Biochemical Basis of Type AB GM2Gangliosidosis in a Japanese Spaniel. <i>Journal of Neurochemistry</i> , 1987, 48, 860-864.	2.1	30
14	Presence of an Unusual GM2 Derivative, Taurine-conjugated GM2, in Tay-Sachs Brain. <i>Journal of Biological Chemistry</i> , 2003, 278, 35286-35291.	1.6	29
15	Structural characterization of gangliosides isolated from mullet milt using electrospray ionization-tandem mass spectrometry. <i>Glycobiology</i> , 1999, 9, 985-993.	1.3	27
16	Preparation of homogenous oligosaccharide chains from glycosphingolipids. <i>Glycoconjugate Journal</i> , 2009, 26, 929-933.	1.4	24
17	Biosynthetic pathway for a new series of gangliosides, GT1a β and GQ1b β . <i>FEBS Letters</i> , 1994, 351, 291-294.	1.3	22
18	An exposed carboxyl group on sialic acid is essential for gangliosides to inhibit calcium uptake via the sarcoplasmic reticulum Ca^{2+} -ATPase: relevance to gangliosidoses. <i>Journal of Neurochemistry</i> , 2008, 104, 140-146.	2.1	22

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19	GBM Derived Gangliosides Induce T Cell Apoptosis through Activation of the Caspase Cascade Involving Both the Extrinsic and the Intrinsic Pathway. <i>PLoS ONE</i> , 2015, 10, e0134425.	1.1	22
20	Reverse phase HPLC fractionation of the oligosaccharide alditols isolated from an I-active ovarian cyst mucin glycoprotein. <i>Glycoconjugate Journal</i> , 1985, 2, 17-30.	1.4	19
21	Isolation of three novel cholinergic neuron-specific gangliosides from bovine brain and their in vitro syntheses. <i>Glycoconjugate Journal</i> , 1996, 13, 177-186.	1.4	19
22	Enzymatic Hydrolysis of Glycosphingolipids. <i>Analytical Biochemistry</i> , 1999, 273, 1-11.	1.1	19
23	Inhibition of influenza A virus sialidase activity by sulfatide. <i>FEBS Letters</i> , 2003, 553, 355-359.	1.3	19
24	Association of GM4 Ganglioside with the Membrane Surrounding Lipid Droplets in Shark Liver. <i>Journal of Lipid Research</i> , 2002, 43, 1019-1025.	2.0	18
25	Isolation and Structural Characterization of N-Acetyl- and N-Glycolylneuraminic-Acid-Containing GalNAc-GD1a Isomers, IV4GalNAcIV3Neu5AcII3Neu5GcGgOse4Cer and IV4GalNAcIV3Neu5AcII3Neu5AcGgOse4Cer, from Bovine Brain. <i>FEBS Journal</i> , 1995, 234, 786-793.	0.2	13
26	A1H NMR investigation of the hydrolysis of a synthetic substrate by KDN-sialidase from <i>Crassostrea virginica</i> . <i>Glycoconjugate Journal</i> , 1996, 13, 927-931.	1.4	12
27	Synthesis of 6 α -GM2, a regioisomer of ganglioside GM2, for studying the mechanism of action of GM2 activator. <i>Carbohydrate Research</i> , 1997, 302, 223-227.	1.1	12
28	Design and efficient synthesis of novel GM2 analogues with respect to the elucidation of the function of GM2 activator. <i>Glycoconjugate Journal</i> , 2008, 25, 647-661.	1.4	12
29	Selective Extraction and Effective Separation of Galactosylsphingosine (Psychosine) and Glucosylsphingosine from Other Glycosphingolipids in Pathological Tissue Samples. <i>Neurochemical Research</i> , 2011, 36, 1612-1622.	1.6	11
30	Effect of GM2 activator protein on the enzymatic hydrolysis of phospholipids and sphingomyelin. <i>Journal of Lipid Research</i> , 2003, 44, 342-348.	2.0	10
31	2-Keto-3-deoxy-d-glycero-d-galacto-nononic Acid (KDN)- and N-Acetylneuraminic Acid-cleaving Sialidase (KDN-sialidase) and KDN-cleaving Hydrolase (KDNase) from the Hepatopancreas of Oyster, <i>Crassostrea virginica</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 31974-31980.	1.6	9
32	Occurrence of a new hematoside in the kidney of guinea pig. <i>FEBS Letters</i> , 1983, 161, 127-130.	1.3	8
33	Effect of structural modifications of ganglioside GM2 on intra-molecular carbohydrate-to-carbohydrate interaction and enzymatic susceptibility. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 353-361.	1.1	3
34	The Structural Basis for the Susceptibility of Gangliosides to Enzymatic Degradation. <i>Bioscience Reports</i> , 1999, 19, 163-168.	1.1	2
35	On the Structural Elucidation of GalNAc-GD1a. <i>Neurochemical Research</i> , 2012, 37, 1150-1153.	1.6	2
36	Cloning and expression of 3-deoxy-d-manno-oct-2-ulosonic acid β -ketoside hydrolase from oyster hepatopancreas. <i>Glycobiology</i> , 2015, 25, 1431-1440.	1.3	1

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37	Degradation of glycosphingolipids in oyster: ceramide glycanase and ceramidase in the hepatopancreas of oyster, <i>Crassostrea virginica</i> . <i>Glycoconjugate Journal</i> , 2018, 35, 77-86.	1.4	1
38	GM2 Activator Protein.. <i>Trends in Glycoscience and Glycotechnology</i> , 1997, 9, 421-432.	0.0	1
39	Expression of the GM2 activator protein in mouse testis. <i>Reproductive Biology</i> , 2017, 17, 376-379.	0.9	0