

Robert K Yu

List of Publications by Year in descending order

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196
papers

9,663
citations

50566

48
h-index

53065

89
g-index

200
all docs

200
docs citations

200
times ranked

8115
citing authors

#	ARTICLE	IF	CITATIONS
1	Are beliefs about the importance of genetics for cancer prevention and early detection associated with high risk cancer genetic testing in the U.S. Population?. Preventive Medicine Reports, 2022, 27, 101781.	0.8	5
2	Ganglioside GD3 regulates dendritic growth in newborn neurons in adult mouse hippocampus via modulation of mitochondrial dynamics. Journal of Neurochemistry, 2021, 156, 819-833.	2.1	17
3	Declining awareness of HPV and HPV vaccine within the general US population. Human Vaccines and Immunotherapeutics, 2021, 17, 420-427.	1.4	40
4	Intranasal infusion of GD3 and GM1 gangliosides downregulates alpha-synuclein and controls tyrosine hydroxylase gene in a PD model mouse. Molecular Therapy, 2021, 29, 3059-3071.	3.7	23
5	Trends in the rates of health-care providers' recommendation for HPV vaccine from 2012 to 2018: a multi-round cross-sectional analysis of the health information national trends survey. Human Vaccines and Immunotherapeutics, 2021, 17, 3081-3089.	1.4	7
6	Ganglioside GD3 is upregulated in microglia and regulates phagocytosis following global cerebral ischemia. Journal of Neurochemistry, 2021, 158, 737-752.	2.1	9
7	Political Ideology and the Support or Opposition to United States Tobacco Control Policies. JAMA Network Open, 2021, 4, e2125385.	2.8	2
8	Genetic Factors Associated With Pain Severity, Daily Opioid Dose Requirement, and Pain Response Among Advanced Cancer Patients Receiving Supportive Care. Journal of Pain and Symptom Management, 2021, 62, 785-795.	0.6	5
9	Genetic determinants of immune-related adverse events in patients with melanoma receiving immune checkpoint inhibitors. Cancer Immunology, Immunotherapy, 2021, 70, 1939-1949.	2.0	27
10	Association of Glycolipids and Growth Factor Receptors in Lipid Rafts. Methods in Molecular Biology, 2021, 2187, 131-145.	0.4	4
11	Characteristics of US adults attempting tobacco use cessation using e-cigarettes. Addictive Behaviors, 2020, 100, 106123.	1.7	11
12	Enhanced Susceptibility to Chemoconvulsant-Induced Seizures in Ganglioside GM3 Synthase Knockout Mice. ASN Neuro, 2020, 12, 175909142093817.	1.5	7
13	Distinctive sphingolipid patterns in chronic multiple sclerosis lesions. Journal of Lipid Research, 2020, 61, 1464-1479.	2.0	13
14	Reasons for not receiving the HPV vaccine among eligible adults: Lack of knowledge and of provider recommendations contribute more than safety and insurance concerns. Cancer Medicine, 2020, 9, 5281-5290.	1.3	12
15	A Genome-Wide Association Study Identifies Two Novel Susceptible Regions for Squamous Cell Carcinoma of the Head and Neck. Cancer Research, 2020, 80, 2451-2460.	0.4	33
16	Intracerebroventricular Infusion of Gangliosides Augments the Adult Neural Stem Cell Pool in Mouse Brain. ASN Neuro, 2019, 11, 175909141988485.	1.5	12
17	Beliefs About HPV Vaccine's Success at Cervical Cancer Prevention Among Adult US Women. JNCI Cancer Spectrum, 2019, 3, pkz064.	1.4	9
18	Differences in Sun Protection Behaviors Between Rural and Urban Communities in Texas. Journal of Rural Health, 2019, 35, 155-166.	1.6	15

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19	Cancer-Related Risk Perceptions and Beliefs in Texas: Findings from a 2018 Population-Level Survey. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 486-494.	1.1	19
20	Distinct epidemiological profiles associated with inflammatory breast cancer (IBC): A comprehensive analysis of the IBC registry at The University of Texas MD Anderson Cancer Center. <i>PLoS ONE</i> , 2018, 13, e0204372.	1.1	16
21	Gangliosides in Nerve Cell Specification. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 156, 241-263.	0.9	30
22	Identification of Small and Non-Small Cell Lung Cancer Markers in Peripheral Blood Using Cytokinesis-Blocked Micronucleus and Spectral Karyotyping Assays. <i>Cytogenetic and Genome Research</i> , 2017, 152, 122-131.	0.6	28
23	Epigenetic regulation of ganglioside expression in neural stem cells and neuronal cells. <i>Glycoconjugate Journal</i> , 2017, 34, 749-756.	1.4	36
24	Identifying novel genes and biological processes relevant to the development of cancer therapy-induced mucositis: An informative gene network analysis. <i>PLoS ONE</i> , 2017, 12, e0180396.	1.1	27
25	Anti-Sulfoglucuronosyl Paragloboside Antibody. <i>ASN Neuro</i> , 2016, 8, 175909141666961.	1.5	4
26	GM1 Ganglioside is Involved in Epigenetic Activation Loci of Neuronal Cells. <i>Neurochemical Research</i> , 2016, 41, 107-115.	1.6	35
27	A2B5+/GFAP+ Cells of Rat Spinal Cord Share a Similar Lipid Profile with Progenitor Cells: A Comparative Lipidomic Study. <i>Neurochemical Research</i> , 2016, 41, 1527-1544.	1.6	7
28	Dietary Isomers of Sialyllactose Increase Ganglioside Sialic Acid Concentrations in the Corpus Callosum and Cerebellum and Modulate the Colonic Microbiota of Formula-Fed Piglets. <i>Journal of Nutrition</i> , 2016, 146, 200-208.	1.3	109
29	Ganglioside-Dependent Neural Stem Cell Proliferation in Alzheimer's Disease Model Mice. <i>ASN Neuro</i> , 2015, 7, 175909141561891.	1.5	10
30	Novel GM1 ganglioside-like peptide mimics prevent the association of cholera toxin to human intestinal epithelial cells in vitro. <i>Glycobiology</i> , 2015, 26, cwv080.	1.3	14
31	Epigenetic activation of mouse ganglioside synthase genes: implications for neurogenesis. <i>Journal of Neurochemistry</i> , 2014, 128, 101-110.	2.1	42
32	X-Chromosome Genetic Association Test Accounting for X-Inactivation, Skewed X-Inactivation, and Escape from X-Inactivation. <i>Genetic Epidemiology</i> , 2014, 38, 483-493.	0.6	56
33	Amyloid β -Peptide 1-42 Modulates the Proliferation of Mouse Neural Stem Cells: Upregulation of Fucosyltransferase IX and Notch Signaling. <i>Molecular Neurobiology</i> , 2014, 50, 186-196.	1.9	28
34	Ganglioside GD3 Is Required for Neurogenesis and Long-Term Maintenance of Neural Stem Cells in the Postnatal Mouse Brain. <i>Journal of Neuroscience</i> , 2014, 34, 13790-13800.	1.7	60
35	A new approach to ELISA-based anti-glycolipid antibody evaluation of highly adhesive serum samples. <i>Journal of Immunological Methods</i> , 2014, 408, 52-63.	0.6	4
36	Glycolipid and Glycoprotein Expression During Neural Development. <i>Advances in Neurobiology</i> , 2014, 9, 185-222.	1.3	16

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37	Effects of Amyloid β -Peptides and Gangliosides on Mouse Neural Stem Cells. <i>Neurochemical Research</i> , 2013, 38, 2019-2027.	1.6	13
38	Systemic Hypertension Requiring Treatment in the Neonatal Intensive Care Unit. <i>Journal of Pediatrics</i> , 2013, 163, 84-88.	0.9	48
39	α -acetylated β -acetylneuraminic acid as a novel target for therapy in human pre-B acute lymphoblastic leukemia. <i>Journal of Experimental Medicine</i> , 2013, 210, 805-819.	4.2	39
40	Interaction of ganglioside GD3 with an EGF receptor sustains the self-renewal ability of mouse neural stem cells in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19137-19142.	3.3	99
41	Brain Gangliosides of a Transgenic Mouse Model of Alzheimer's Disease with Deficiency in GD3-Synthase: Expression of Elevated Levels of a Cholinergic-Specific Ganglioside, GT1a β . <i>ASN Neuro</i> , 2013, 5, AN20130006.	1.5	26
42	Anti-Chol-1 Antigen, GQ1b β , Antibodies Are Associated with Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e63326.	1.1	9
43	Antibodies to Heteromeric Glycolipid Complexes in Guillain-Barré Syndrome. <i>PLoS ONE</i> , 2013, 8, e82337.	1.1	60
44	Cigarette Experimentation in Mexican Origin Youth: Psychosocial and Genetic Determinants. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 228-238.	1.1	16
45	A Variable Age of Onset Segregation Model for Linkage Analysis, with Correction for Ascertainment, Applied to Glioma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 2242-2251.	1.1	20
46	Lewis X-carrying N-Glycans Regulate the Proliferation of Mouse Embryonic Neural Stem Cells via the Notch Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 24356-24364.	1.6	54
47	Pathobiochemical Effect of Acylated Steryl- β -Glucoside on Aggregation and Cytotoxicity of β -Synuclein. <i>Neurochemical Research</i> , 2012, 37, 1261-1266.	1.6	6
48	Functional Roles of Gangliosides in Neurodevelopment: An Overview of Recent Advances. <i>Neurochemical Research</i> , 2012, 37, 1230-1244.	1.6	168
49	Preface to the Special Issue Honoring Bob Ledeen. <i>Neurochemical Research</i> , 2012, 37, 1133-1136.	1.6	0
50	Chromosome 7p11.2 (EGFR) variation influences glioma risk. <i>Human Molecular Genetics</i> , 2011, 20, 2897-2904.	1.4	158
51	The Pathological Roles of Ganglioside Metabolism in Alzheimer's Disease: Effects of Gangliosides on Neurogenesis. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-14.	1.1	38
52	Structures, Biosynthesis, and Functions of Gangliosides-an Overview. <i>Journal of Oleo Science</i> , 2011, 60, 537-544.	0.6	309
53	Histone acetylation-mediated glycosyltransferase gene regulation in mouse brain during development. <i>Journal of Neurochemistry</i> , 2011, 116, 874-880.	2.1	47
54	Sulfoglucuronosyl paragloboside promotes endothelial cell apoptosis in inflammation: elucidation of a novel glycosphingolipid signaling pathway. <i>Journal of Neurochemistry</i> , 2011, 119, 749-759.	2.1	7

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55	Allergy and glioma risk: Test of association by genotype. <i>International Journal of Cancer</i> , 2011, 128, 1736-1740.	2.3	13
56	Expression of GD2 and GD3 Gangliosides in Human Embryonic Neural Stem Cells. <i>ASN Neuro</i> , 2011, 3, AN20110006.	1.5	52
57	Genome-Wide High-Density SNP Linkage Search for Glioma Susceptibility Loci: Results from the Gliogene Consortium. <i>Cancer Research</i> , 2011, 71, 7568-7575.	0.4	44
58	Pathological Roles of Ganglioside Mimicry in Guillain-Barré Syndrome and Related Neuropathies. <i>Advances in Experimental Medicine and Biology</i> , 2011, 705, 349-365.	0.8	13
59	IGF-1 Induction by Acylated Steryl β -Glucosides Found in a Pre-Germinated Brown Rice Diet Reduces Oxidative Stress in Streptozotocin-Induced Diabetes. <i>PLoS ONE</i> , 2011, 6, e28693.	1.1	22
60	Membrane glycolipids in stem cells. <i>FEBS Letters</i> , 2010, 584, 1694-1699.	1.3	41
61	Role of proteoglycans and glycosaminoglycans in the pathogenesis of Alzheimer's disease and related disorders: Amyloidogenesis and therapeutic strategies—A review. <i>Journal of Neuroscience Research</i> , 2010, 88, 2303-2315.	1.3	102
62	Development of a novel therapy for Lipo-oligosaccharide-induced experimental neuritis: use of peptide glycomimics. <i>Journal of Neurochemistry</i> , 2010, 113, 351-362.	2.1	13
63	Characterization of GD3 ganglioside as a novel biomarker of mouse neural stem cells. <i>Glycobiology</i> , 2010, 20, 78-86.	1.3	75
64	Lysosome-associated membrane protein 1 is a major SSEA-1-carrier protein in mouse neural stem cells. <i>Glycobiology</i> , 2010, 20, 976-981.	1.3	24
65	Antiganglioside antibodies and their pathophysiological effects on Guillain-Barre syndrome and related disorders—A review. <i>Glycobiology</i> , 2009, 19, 676-692.	1.3	138
66	The role of glycosphingolipid metabolism in the developing brain. <i>Journal of Lipid Research</i> , 2009, 50, S440-S445.	2.0	219
67	Intracerebral transplantation of neural stem cells combined with trehalose ingestion alleviates pathology in a mouse model of Huntington's disease. <i>Journal of Neuroscience Research</i> , 2009, 87, 26-33.	1.3	49
68	Sulfoglucuronosyl paragloboside is a ligand for T cell adhesion: Regulation of sulfoglucuronosyl paragloboside expression via nuclear factor κ B signaling. <i>Journal of Neuroscience Research</i> , 2009, 87, 3591-3599.	1.3	8
69	O-linked β -N-acetylglucosaminylation in mouse embryonic neural precursor cells. <i>Journal of Neuroscience Research</i> , 2009, 87, 3535-3545.	1.3	29
70	Cav2.1 Voltage-dependent Ca ²⁺ Channel Current is Inhibited by Serum from Select Patients with Guillain-Barré Syndrome. <i>Neurochemical Research</i> , 2009, 34, 149-157.	1.6	17
71	Elimination of GD3 synthase improves memory and reduces amyloid- β plaque load in transgenic mice. <i>Neurobiology of Aging</i> , 2009, 30, 1777-1791.	1.5	118
72	O-GlcNAc modification of proteins in mouse embryonic neural stem cells. <i>FASEB Journal</i> , 2009, 23, 693.7.	0.2	0

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73	Effects of bFGF and EGF on expression of β 1 integrin in mouse neuroepithelial cells. <i>FASEB Journal</i> , 2009, 23, 703.9.	0.2	0
74	Characterization of a phospholipid antigen reacting with serum antibody in patients with peripheral neuropathies and paraproteinemia. <i>Journal of Neurochemistry</i> , 2008, 79, 970-975.	2.1	5
75	Down-Regulation of the Expression of O-Acetyl-GD3 by the O-Acetylase cDNA in Hamster Melanoma Cells. <i>Journal of Neurochemistry</i> , 2008, 72, 954-961.	2.1	35
76	Differential Effects of Glycolipid Biosynthesis Inhibitors on Ceramide-Induced Cell Death in Neuroblastoma Cells. <i>Journal of Neurochemistry</i> , 2008, 72, 1040-1049.	2.1	56
77	Finding factors influencing risk: Comparing Bayesian stochastic search and standard variable selection methods applied to logistic regression models of cases and controls. <i>Statistics in Medicine</i> , 2008, 27, 6158-6174.	0.8	35
78	Topology and patch-clamp analysis of the sodium channel in relationship to the anti-GD3 antibody in campylobacteriosis. <i>Journal of Neuroscience Research</i> , 2008, 86, 3359-3374.	1.3	8
79	Glycosphingolipid Antigens in Neural Tumor Cell Lines and Anti-Glycosphingolipid Antibodies in Sera of Patients with Neural Tumors. <i>NeuroSignals</i> , 2008, 16, 226-234.	0.5	15
80	Analysis of glycosphingolipid composition of a neural progenitor cell line. <i>Journal of Neurochemistry</i> , 2008, 81, 9-13.	2.1	0
81	Cloning and Transcriptional Regulation of Genes Responsible for Synthesis of Gangliosides. <i>Current Drug Targets</i> , 2008, 9, 317-324.	1.0	30
82	Sp1/AP2-dependent regulation of the TATA-less promoter of the CMP-NeuAc:GM3 2,8 sialyltransferase (GD3-synthase) gene. <i>FASEB Journal</i> , 2008, 22, 782.3.	0.2	0
83	The expression and functions of glycoconjugates in neural stem cells. <i>Glycobiology</i> , 2007, 17, 57R-74R.	1.3	121
84	Tumor necrosis factor- α up-regulates glucuronosyltransferase gene expression in human brain endothelial cells and promotes T-cell adhesion. <i>Journal of Neuroscience Research</i> , 2007, 85, 1086-1094.	1.3	8
85	Inhibition of neuronal migration by JONES antibody is independent of 9-O-acetyl GD3 in GD3-synthase knockout mice. <i>Journal of Neuroscience Research</i> , 2007, 85, 1381-1390.	1.3	13
86	Mutations in smooth muscle β -actin (ACTA2) lead to thoracic aortic aneurysms and dissections. <i>Nature Genetics</i> , 2007, 39, 1488-1493.	9.4	767
87	Glycosignaling in neural stem cells: involvement of glycoconjugates in signal transduction modulating the neural stem cell fate. <i>Journal of Neurochemistry</i> , 2007, 103, 39-46.	2.1	33
88	Developmental changes of glycosphingolipids and expression of glycoconjugates in mouse brains. <i>Journal of Neurochemistry</i> , 2007, 103, 2327-2341.	2.1	184
89	Down-regulation of WNK1 protein kinase in neural progenitor cells suppresses cell proliferation and migration. <i>Journal of Neurochemistry</i> , 2006, 99, 1114-1121.	2.1	51
90	Further characterization of embryonic stem cell-derived radial glial cells. <i>Glia</i> , 2006, 53, 43-56.	2.5	39

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91	Molecular mimicry: Sensitization of Lewis rats with <i>Campylobacter jejuni</i> lipopolysaccharides induces formation of antibody toward GD3 ganglioside. <i>Journal of Neuroscience Research</i> , 2006, 83, 274-284.	1.3	24
92	Fucosyl-GM1 expression and amyloid- β^2 protein accumulation in PC12 cells. <i>Journal of Neuroscience Research</i> , 2006, 84, 1343-1349.	1.3	18
93	Ganglioside Molecular Mimicry and Its Pathological Roles in Guillain-Barre Syndrome and Related Diseases. <i>Infection and Immunity</i> , 2006, 74, 6517-6527.	1.0	116
94	Glycobiology of neural stem cells: Functional implications. <i>FASEB Journal</i> , 2006, 20, A514.	0.2	0
95	Screening and sequencing of complex sialylated and sulfated glycosphingolipid mixtures by negative ion electrospray Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 571-580.	1.2	56
96	Characterization of glycoconjugate antigens in mouse embryonic neural precursor cells. <i>Journal of Neurochemistry</i> , 2005, 95, 1311-1320.	2.1	59
97	Spatiotemporal expression of GM1 in murine medial pallial neural progenitor cells. <i>Journal of Comparative Neurology</i> , 2005, 491, 330-338.	0.9	15
98	Antiglycolipid antibodies in Guillain-Barré syndrome and related diseases: Review of clinical features and antibody specificities. <i>Journal of Neuroscience Research</i> , 2005, 80, 1-17.	1.3	48
99	Glial-guided neuronal migration in P19 embryonal carcinoma stem cell aggregates. <i>Journal of Neuroscience Research</i> , 2005, 81, 9-20.	1.3	22
100	Sp1 and AP2 enhance promoter activity of the mouse GM3-synthase gene. <i>Gene</i> , 2005, 351, 109-118.	1.0	27
101	AIDP and CIDP having specific antibodies to the carbohydrate epitope (α -NeuAc \pm 8NeuAc \pm 3Gal β 1 α -4Glc α) of gangliosides. <i>Journal of the Neurological Sciences</i> , 2005, 232, 37-44.	0.3	19
102	Involvement of gangliosides in proliferation of immortalized neural progenitor cells. <i>Journal of Neurochemistry</i> , 2004, 91, 804-812.	2.1	30
103	Effect of Rabbit Anti-Asialo-GM1 (GA1) Polyclonal Antibodies on Neuromuscular Transmission and Acetylcholine-Induced Action Potentials: Neurophysiological and Immunohistochemical Studies. <i>Neurochemical Research</i> , 2004, 29, 953-960.	1.6	19
104	Regulation of ganglioside biosynthesis in the nervous system. <i>Journal of Lipid Research</i> , 2004, 45, 783-793.	2.0	146
105	Lack of Apparent Neurological Abnormalities in Rabbits Sensitized by Gangliosides. <i>Neurochemical Research</i> , 2004, 29, 2147-2152.	1.6	13
106	Differentiation of radial glia-like cells from embryonic stem cells. <i>Glia</i> , 2003, 42, 109-117.	2.5	66
107	Expression of gangliosides in an immortalized neural progenitor/stem cell line. <i>Journal of Neuroscience Research</i> , 2003, 74, 769-776.	1.3	12
108	Characterization of the promoter and the transcription factors for the mouse UDP-Gal: β 2GlcNAc β 1,3-galactosyltransferase gene. <i>Gene</i> , 2003, 309, 117-123.	1.0	11

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109	Thin-Layer Chromatography; Immunostaining of Glycolipid Antigens; and Interpretation of False-Positive Findings with Acidic Lipids. <i>Methods in Enzymology</i> , 2003, 363, 312-319.	0.4	9
110	Age-dependent reduction in sialidase activity of nuclear membranes from mouse brain. <i>Experimental Gerontology</i> , 2002, 37, 937-941.	1.2	18
111	Effect of N-Glycosylation on Turnover and Subcellular Distribution of N-Acetylgalactosaminyltransferase I and Sialyltransferase II in Neuroblastoma Cells. <i>Journal of Neurochemistry</i> , 2002, 74, 2359-2364.	2.1	26
112	Glycosphingolipid Composition of a New Immortalized Human Cerebromicrovascular Endothelial Cell Line. <i>Journal of Neurochemistry</i> , 2002, 75, 1970-1976.	2.1	19
113	Characterization of Sialyltransferase-IV Activity and Its Involvement in the c-Pathway of Brain Ganglioside Metabolism. <i>Journal of Neurochemistry</i> , 2002, 64, 385-393.	2.1	17
114	Effect of Nerve Growth Factor and Forskolin on Glycosyltransferase Activities and Expression of a Globo-Series Glycosphingolipid in PC12D Pheochromocytoma Cells. <i>Journal of Neurochemistry</i> , 2002, 64, 810-817.	2.1	14
115	Regulation of Sialyltransferase Activities by Phosphorylation and Dephosphorylation. <i>Journal of Neurochemistry</i> , 2002, 64, 2295-2302.	2.1	43
116	Sialidase Activity in Nuclear Membranes of Rat Brain. <i>Journal of Neurochemistry</i> , 2002, 66, 2205-2208.	2.1	34
117	Differential effects of three inhibitors of glycosphingolipid biosynthesis on neuronal differentiation of embryonal carcinoma stem cells. <i>Neurochemical Research</i> , 2002, 27, 1507-1512.	1.6	22
118	Down-Regulation of GD3 Ganglioside and Its O-Acetylated Derivative by Stable Transfection with Antisense V. <i>Journal of Neurochemistry</i> , 2001, 74, 547-554.	2.1	44
119	Recent studies on the roles of antiglycosphingolipids in the pathogenesis of neurological disorders. <i>Journal of Neuroscience Research</i> , 2001, 65, 363-370.	1.3	30
120	Adenovirus-mediated Bak gene transfer induces apoptosis in mesothelioma cell lines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 61-67.	0.4	43
121	Regulation of Apoptosis during Neuronal Differentiation by Ceramide and b-Series Complex Gangliosides. <i>Journal of Biological Chemistry</i> , 2001, 276, 44396-44404.	1.6	83
122	Reduced cell migration, tumor growth and experimental metastasis of rat F-11 cells whose expression of GD3-synthase is suppressed. <i>International Journal of Cancer</i> , 2000, 88, 53-57.	2.3	47
123	Expression of gangliosides in neuronal development of P19 embryonal carcinoma stem cells. <i>Journal of Neuroscience Research</i> , 2000, 62, 363-373.	1.3	39
124	Mammalian Ganglioside Sialidases: Preparation and Activity Assays. <i>Methods in Enzymology</i> , 2000, 312, 339-358.	0.4	3
125	Ganglioside Analysis by High-Performance Thin-Layer Chromatography. <i>Methods in Enzymology</i> , 2000, 312, 115-134.	0.4	52
126	GM1 inhibits amyloid beta-protein-induced cytokine release. <i>Neurochemical Research</i> , 1999, 24, 219-226.	1.6	43

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127	Combinatorial PCR approach to homology-based cloning: cloning and expression of mouse and human GM3-synthase. <i>Glycoconjugate Journal</i> , 1999, 16, 337-350.	1.4	35
128	Alteration of Ganglioside Composition by Stable Transfection with Antisense Vectors against GD3-Synthase Gene Expression. <i>Biochemistry</i> , 1999, 38, 8762-8769.	1.2	40
129	The role of globo-series glycolipids in neuronal cell differentiation--a review. <i>Neurochemical Research</i> , 1998, 23, 291-303.	1.6	15
130	The Role of Glycosphinglipids in Neurological Disorders: Mechanisms of Immune Actiona. <i>Annals of the New York Academy of Sciences</i> , 1998, 845, 285-306.	1.8	40
131	Antiglycolipid Antibodies in Motor Neuropathies. <i>Annals of the New York Academy of Sciences</i> , 1998, 845, 322-329.	1.8	20
132	GM1 Ganglioside Inhibits Amyloid beta-Protein Induced-Cytokine Release. <i>Annals of the New York Academy of Sciences</i> , 1998, 845, 403-403.	1.8	2
133	On the Specificity of Anti-Sulfoglucuronosyl Glycolipid Antibodies. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 535-546.	0.4	23
134	Regulation of Ganglioside Metabolism by Phosphorylation and Dephosphorylation. <i>Journal of Neurochemistry</i> , 1998, 71, 972-979.	2.1	36
135	Glycosyltransferase activities in cultured endothelial cells of bovine brain microvascular origin. <i>Neurochemical Research</i> , 1997, 22, 463-466.	1.6	5
136	Unusual Gangliosidosis in Emu (<i>Dromaius novaehollandiae</i>). <i>Journal of Neurochemistry</i> , 1997, 68, 2070-2078.	2.1	13
137	Expression of a unique globo-series glycolipid in cultured rat dorsal root ganglion neurons: Relationship with neuronal development. <i>Neurochemical Research</i> , 1996, 21, 403-409.	1.6	5
138	Expression and localization of Lewisx glycolipids and GD1a ganglioside in human glioma cells. <i>Glycoconjugate Journal</i> , 1996, 13, 135-145.	1.4	11
139	Analysis of the antibody response to immunization with purified O-acetyl GD3 gangliosides in patients with malignant melanoma. <i>International Journal of Cancer</i> , 1995, 62, 668-672.	2.3	41
140	Anti-sulfoglucuronyl paragloboside IgM antibodies in amyotrophic lateral sclerosis. <i>Journal of Neuroimmunology</i> , 1995, 57, 111-115.	1.1	20
141	Modulation of phospholipases A ₂ and C activities against dilauroylphosphorylcholine in mixed monolayers with semisynthetic derivatives of ganglioside and sphingosine. <i>Molecular Membrane Biology</i> , 1994, 11, 119-126.	2.0	32
142	Endogenous Phosphorylation of a 61,000 Dalton Hippocampal Protein Increases Following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 1994, 11, 523-532.	1.7	11
143	Differential effects of glycosphingolipids on protein kinase C activity in PC12D pheochromocytoma cells. <i>Journal of Biomedical Science</i> , 1994, 1, 229-236.	2.6	19
144	Subcellular distribution of sulfated glucuronyl glycolipids in human peripheral motor and sensory nerves. <i>Journal of Biomedical Science</i> , 1994, 1, 167-171.	2.6	23

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145	Activities of Five Different Sialyltransferases in Fish and Rat Brains. <i>Journal of Neurochemistry</i> , 1994, 62, 1965-1973.	2.1	37
146	Presence of a Cyclic AMP Response Element-Binding Protein in Oligodendrocytes. <i>Journal of Neurochemistry</i> , 1993, 60, 2106-2110.	2.1	27
147	Rapid Communication: GM3 Regulates Protein Kinase Systems in Cultured Brain Microvascular Endothelial Cells. <i>Journal of Neurochemistry</i> , 1993, 61, 1969-1972.	2.1	14
148	Alterations of Protein Kinase C in Rat Hippocampus Following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 1993, 10, 287-295.	1.7	49
149	Fucosylâ€GM1 in Human Sensory Nervous Tissue Is a Target Antigen in Patients with Autoimmune Neuropathies. <i>Journal of Neurochemistry</i> , 1993, 61, 658-663.	2.1	27
150	Neuraminidase Activities in Oligodendroglial Cells of the Rat Brain. <i>Journal of Neurochemistry</i> , 1992, 58, 78-82.	2.1	8
151	Role of Myelin-Associated Neuraminidase in the Ganglioside Metabolism of Rat Brain Myelin. <i>Journal of Neurochemistry</i> , 1992, 58, 83-87.	2.1	37
152	Isolated Bovine Spinal Motoneurons Have Specific Ganglioside Antigens Recognized by Sera from Patients with Motor Neuron Disease and Motor Neuropathy. <i>Journal of Neurochemistry</i> , 1992, 59, 1684-1691.	2.1	17
153	Preliminary studies on sensitization of Lewis rats with sulfated glucuronyl paragloboside. <i>Brain Research</i> , 1991, 541, 257-264.	1.1	30
154	Phosphorylation of Nuclear Proteins in Myelinating Oligodendrocytes and Its Control by Cyclic AMP. <i>Journal of Neurochemistry</i> , 1991, 57, 1650-1655.	2.1	2
155	Sulfated Glucuronyl Paragloboside in Rat Brain Microvessels. <i>Journal of Neurochemistry</i> , 1990, 55, 577-582.	2.1	27
156	Glycosphingolipids in the cerebrospinal fluid of patients with multiple sclerosis. <i>Molecular and Chemical Neuropathology</i> , 1990, 13, 205-216.	1.0	20
157	Autoimmune mechanisms in peripheral neuropathies. <i>Annals of Neurology</i> , 1990, 27, S30-S35.	2.8	50
158	Assay of Rat Brain Sialyltransferase Activities on Thin-Layer Plate. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1990, 13, 2771-2781.	0.9	0
159	Ganglioside GD3 lactones: polar head group-mediated control of the intermolecular organization. <i>Biochemistry</i> , 1990, 29, 8729-8734.	1.2	44
160	Purification and characterization of CMP-NeuAc:GM1 (Gal ¹ 2-1-4GalNAc) \hat{I} 2-3 sialyltransferase from rat brain. <i>FEBS Letters</i> , 1990, 275, 83-86.	1.3	15
161	Isolation and characterization of ganglioside 9-O-acetyl-GD3 from bovine buttermilk. <i>Lipids</i> , 1989, 24, 680-684.	0.7	42
162	Preparation and Characterization of Antibodies Against a Sulfated Glucuronic Acid-Containing Glycosphingolipid. <i>Journal of Neurochemistry</i> , 1988, 51, 869-877.	2.1	53

#	ARTICLE	IF	CITATIONS
163	Developmental Changes in Ganglioside Composition and Synthesis in Embryonic Rat Brain. <i>Journal of Neurochemistry</i> , 1988, 50, 1825-1829.	2.1	276
164	Subcellular Distribution of UDP-Galactose:Ceramide Galactosyltransferase in Rat Brain Oligodendroglia. <i>Journal of Neurochemistry</i> , 1988, 50, 1887-1893.	2.1	23
165	Lipid composition of PC12 pheochromocytoma cells: characterization of globoside as a major neutral glycolipid. <i>Biochemistry</i> , 1988, 27, 52-58.	1.2	73
166	Generation of Antibodies to Gangliosides GM1 and GD1b.. <i>Annals of the New York Academy of Sciences</i> , 1988, 540, 258-260.	1.8	3
167	Antibodies to sulfated glucuronic acid containing glycosphingolipids in neuropathy associated with anti-MAG antibodies and in normal subjects. <i>Journal of Neuroimmunology</i> , 1988, 17, 119-126.	1.1	57
168	Subcellular Localization of Sulfated Glucuronic Acid-Containing Glycolipids Reacting with Anti-Myelin-Associated Glycoprotein Antibody. <i>Journal of Neurochemistry</i> , 1987, 48, 1516-1522.	2.1	57
169	Myelin Galactolipid Synthesis in Different Strains of Mice. <i>Journal of Neurochemistry</i> , 1987, 49, 1069-1074.	2.1	5
170	Further Evidence for an Intrinsic Neuraminidase in CNS Myelin. <i>Journal of Neurochemistry</i> , 1986, 46, 623-629.	2.1	25
171	Further Characterization of a Myelin-Associated Neuraminidase: Properties and Substrate Specificity. <i>Journal of Neurochemistry</i> , 1986, 47, 632-641.	2.1	22
172	GANGLIOSIDES AS CELL TYPE-SPECIFIC MARKERS OF HUMAN NEURONS AND GLIAL CELLS IN CULTURE. <i>Journal of Neuropathology and Experimental Neurology</i> , 1985, 44, 343.	0.9	0
173	Calcium/Ganglioside-Dependent Protein Kinase Activity in Rat Brain Membrane. <i>Journal of Neurochemistry</i> , 1985, 44, 1229-1234.	2.1	176
174	High-Resolution Proton NMR Studies of Gangliosides. III. Elucidation of the Structure of Ganglioside GM3 Lactone ¹² . <i>Journal of Biochemistry</i> , 1985, 98, 1367-1373.	0.9	66
175	Cellular Distribution of Gangliosides in the Developing Mouse Cerebellum: Analysis Using the Staggerer Mutant. <i>Journal of Neurochemistry</i> , 1984, 43, 1152-1162.	2.1	60
176	GD3 ganglioside is a glycolipid characteristic of immature neuroectodermal cells. <i>Journal of Neuroimmunology</i> , 1984, 7, 179-192.	1.1	193
177	Autoradiography of Ganglioside Antigens Separated by High-Performance. Thin-Layer Chromatography with Their Antibodies ¹ . <i>Journal of Biochemistry</i> , 1984, 96, 261-264.	0.9	39
178	Chemical Analysis of Organotypic Cultures of Mouse Spinal Cord in Normal, Demyelinative, and Nondemyelinative Conditions. <i>Journal of Neurochemistry</i> , 1983, 41, 1710-1717.	2.1	24
179	Ganglioside-basic protein interaction: Protection of gangliosides against neuraminidase action. <i>Journal of Neuroscience Research</i> , 1983, 9, 401-412.	1.3	57
180	The monoclonal antibody A2B5 is specific to ganglioside GQ1c. <i>Brain Research</i> , 1983, 277, 155-158.	1.1	110

#	ARTICLE	IF	CITATIONS
181	[10] Gangliosides: Structure, isolation, and analysis. <i>Methods in Enzymology</i> , 1982, 83, 139-191.	0.4	631
182	Complete analysis of oligosaccharide primary structure using two-dimensional high-field proton NMR. <i>Journal of the American Chemical Society</i> , 1982, 104, 4993-4995.	6.6	85
183	Retinal Gangliosides in RCS Mutant Rats. <i>Journal of Neurochemistry</i> , 1982, 39, 277-279.	2.1	25
184	A convenient method for the preparation of asialo-GM1. <i>Lipids</i> , 1982, 17, 107-110.	0.7	46
185	Lipid and Protein Alterations of Spinal Cord and Cord Myelin of Multiple Sclerosis. <i>Journal of Neurochemistry</i> , 1982, 39, 464-477.	2.1	70
186	Myelin Gangliosides in Vertebrates. <i>Journal of Neurochemistry</i> , 1982, 39, 773-779.	2.1	67
187	Differential Cellular Enrichment of Gangliosides in the Mouse Cerebellum: Analysis Using Neurological Mutants. <i>Journal of Neurochemistry</i> , 1982, 38, 551-559.	2.1	85
188	Myelin Gangliosides: An Unusual Pattern in the Avian Central Nervous System. <i>Journal of Neurochemistry</i> , 1981, 36, 696-702.	2.1	41
189	Heterosis for brain myelin content in mice. <i>Biochemical Genetics</i> , 1980, 18, 1229-1238.	0.8	33
190	Incorporation of N-Acetylmannosamine into Rat Brain Subcellular Gangliosides: Effect of Pentylene-tetrazol-Induced Convulsions on Brain Gangliosides. <i>Journal of Neurochemistry</i> , 1980, 34, 560-568.	2.1	43
191	Structures of Some New Complex Gangliosides of Fish Brain. <i>Advances in Experimental Medicine and Biology</i> , 1980, 125, 33-45.	0.8	116
192	GENETIC ANALYSIS OF AUDIOGENIC SEIZURE SUSCEPTIBILITY IN C57BL/6J x DBA/2J RECOMBINANT INBRED STRAINS OF MICE. <i>Genetics</i> , 1980, 94, 701-718.	1.2	62
193	Genetic variability for regional brain gangliosides in five strains of young mice. <i>Biochemical Genetics</i> , 1979, 17, 43-55.	0.8	44
194	STALOSYLGALACTOSYL CERAMTDE AS A SPECIFIC MARKER FOR HUMAN MYELIN AND OLIGODENDROGLIAL PERIKARYA: GANGLIOSIDES OF HUMAN MYELIN, OLIGODENDROGLIA AND NEURONS. <i>Journal of Neurochemistry</i> , 1979, 32, 293-300.	2.1	137
195	CEREBRAL, CEREBELLAR, AND BRAIN STEM GANGLIOSIDES IN MICE SUSCEPTIBLE TO AUDIOGENIC SEIZURES. <i>Journal of Neurochemistry</i> , 1978, 31, 21-27.	2.1	113
196	Gangliosides of human, bovine, and rabbit plasma. <i>Journal of Lipid Research</i> , 1972, 13, 680-686.	2.0	331