# Kei-Ichiro Inamori

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11023499/publications.pdf

Version: 2024-02-01

| 29 | 1,282 | 471509 | 526287 |
|---|---|---|---|
| papers | citations | 17 h-index | 27 g-index |

| 32 | 32 | 32 | 1361 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Homeostatic and pathogenic roles of the GM3 ganglioside. FEBS Journal, 2022, 289, 5152-5165. | 4.7 | 10 |
| 2 | Regulation of Leptin Receptor Signaling by Gangliosides. Trends in Glycoscience and Glycotechnology, 2022, 34, E25-E28. | 0.1 | 0 |
| 3 | Regulation of Leptin Receptor Signaling by Gangliosides. Trends in Glycoscience and Glycotechnology, 2022, 34, J25-J28. | 0.1 | 0 |
| 4 | Ganglioside GM3 Synthase Deficiency in Mouse Models and Human Patients. International Journal of Molecular Sciences, 2022, 23, 5368. | 4.1 | 4 |
| 5 | Roles of Gangliosides in Hypothalamic Control of Energy Balance: New Insights. International Journal of Molecular Sciences, 2020, 21, 5349. | 4.1 | 9 |
| 6 | Homeostatic and pathogenic roles of <scp>GM</scp> 3 ganglioside molecular species in <scp>TLR</scp> 4 signaling in obesity. EMBO Journal, 2020, 39, e101732. | 7.8 | 25 |
| 7 | Globo-series glycosphingolipids enhance Toll-like receptor 4-mediated inflammation and play a pathophysiological role in diabetic nephropathy. Glycobiology, 2019, 29, 260-268. | 2.5 | 24 |
| 8 | NPC1L1-dependent intestinal cholesterol absorption requires ganglioside GM3 in membrane microdomains. Journal of Lipid Research, 2018, 59, 2181-2187. | 4.2 | 16 |
| 9 | Biology of GM3 Ganglioside. Progress in Molecular Biology and Translational Science, 2018, 156, 151-195. | 1.7 | 45 |
| 10 | Deficient ganglioside synthesis restores responsiveness to leptin and melanocortin signaling in obese KKAy mice. Journal of Lipid Research, 2018, 59, 1472-1481. | 4.2 | 16 |
| 11 | LARGE2-dependent glycosylation confers laminin-binding ability on proteoglycans. Glycobiology, 2016, 26, 1284-1296. | 2.5 | 17 |
| 12 | Role of dystroglycan in limiting contraction-induced injury to the sarcomeric cytoskeleton of mature skeletal muscle. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10992-10997. | 7.1 | 37 |
| 13 | Endogenous Glucuronyltransferase Activity of LARGE or LARGE2 Required for Functional Modification of Î±-Dystroglycan in Cells and Tissues. Journal of Biological Chemistry, 2014, 289, 28138-28148. | 3.4 | 19 |
| 14 | The glucuronyltransferase B4GAT1 is required for initiation of LARGE-mediated Î±-dystroglycan functional glycosylation. ELife, 2014, 3, . | 6.0 | 96 |
| 15 | Like-Glycosyltransferase; Glycosyltransferase-Like 1B (LARGE, GYLTL1B). , 2014, , 1167-1179. | | 0 |
| 16 | Mannosyl (Alpha-1,6-)-Glycoprotein Beta-1,6-N-Acetyl-Glucosaminyltransferase, Isozyme B (MGAT5B). , 2014, , 247-255. | | 2 |
| 17 | Loss of Branched O-Mannosyl Glycans in Astrocytes Accelerates Remyelination. Journal of Neuroscience, 2013, 33, 10037-10047. | 3.6 | 65 |
| 18 | Xylosyl- and glucuronyltransferase functions of LARGE in Î±-dystroglycan modification are conserved in LARGE2. Glycobiology, 2013, 23, 295-302. | 2.5 | 55 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dystroglycan Function Requires Xylosyl- and Glucuronyltransferase Activities of LARGE. Science, 2012, 335, 93-96. | 12.6 | 264 |
| 20 | Loss of Î±-Dystroglycan Laminin Binding in Epithelium-derived Cancers Is Caused by Silencing of LARGE. Journal of Biological Chemistry, 2009, 284, 11279-11284. | 3.4 | 96 |
| 21 | High expression ofN-acetylglucosaminyltransferase V in favorable neuroblastomas: Involvement of its effect on apoptosis. FEBS Letters, 2006, 580, 627-632. | 2.8 | 42 |
| 22 | Demonstration of the expression and the enzymatic activity of N-acetylglucosaminyltransferase IX in the mouse brain. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 678-684. | 2.4 | 11 |
| 23 | Systematic Synthesis of Bisubstrate-Type Inhibitors ofN-Acetylglucosaminyltransferases. Chemistry - A European Journal, 2006, 12, 3449-3462. | 3.3 | 29 |
| 24 | N-Acetylglucosaminyltransferase IX Acts on the GlcNAcÎ²1,2-ManÎ±1-Ser/Thr Moiety, Forming a 2,6-Branched Structure in Brain O-Mannosyl Glycan. Journal of Biological Chemistry, 2004, 279, 2337-2340. | 3.4 | 90 |
| 25 | A serine protease zymogen functions as a pattern-recognition receptor for lipopolysaccharides. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 953-958. | 7.1 | 83 |
| 26 | A Toll-like receptor in horseshoe crabs. Immunological Reviews, 2004, 198, 106-115. | 6.0 | 49 |
| 27 | Synthesis of a Bisubstrate-Type Inhibitor ofN-Acetylglucosaminyltransferases. Angewandte Chemie - International Edition, 2004, 43, 5674-5677. | 13.8 | 17 |
| 28 | Molecular Cloning and Characterization of Human GnT-IX, a Novel Î²1,6-N-Acetylglucosaminyltransferase That Is Specifically Expressed in the Brain. Journal of Biological Chemistry, 2003, 278, 43102-43109. | 3.4 | 86 |
| 29 | A Newly Identified Horseshoe Crab Lectin with Specificity for Blood Group A Antigen Recognizes Specific O-Antigens of Bacterial Lipopolysaccharides. Journal of Biological Chemistry, 1999, 274, 3272-3278. | 3.4 | 61 |