Kazuchika Nishitsuji

List of Publications by Year
in descending order

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42	737	623574	552653
papers	citations	14 h-index	26 g-index

42	42	42	1150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The E693Î” Mutation in Amyloid Precursor Protein Increases Intracellular Accumulation of Amyloid Î² Oligomers and Causes Endoplasmic Reticulum Stress-Induced Apoptosis in Cultured Cells. American Journal of Pathology, 2009, 174, 957-969.	1.9	109
2	Analysis of the gut microbiome and plasma short-chain fatty acid profiles in a spontaneous mouse model of metabolic syndrome. Scientific Reports, 2017, 7, 15876.	1.6	86
3	Lipoprotein Lipase Is a Novel Amyloid Î² (AÎ²)-binding Protein That Promotes Glycosaminoglycan-dependent Cellular Uptake of AÎ² in Astrocytes. Journal of Biological Chemistry, 2011, 286, 6393-6401.	1.6	59
4	Heparan Sulfate Subdomains that are Degraded by Sulf Accumulate in Cerebral Amyloid ÃŸ Plaques of Alzheimer's Disease. American Journal of Pathology, 2012, 180, 2056-2067.	1.9	39
5	Arachidonic or Docosahexaenoic Acid Diet Prevents Memory Impairment in Tg2576 Mice. Journal of Alzheimer's Disease, 2015, 48, 149-162.	1.2	29
6	Arachidonic acid diet attenuates brain AÎ² deposition in Tg2576 mice. Brain Research, 2015, 1613, 92-99.	1.1	29
7	Cellular Interaction and Cytotoxicity of the Iowa Mutation of Apolipoprotein A-I (ApoA-IIowa) Amyloid Mediated by Sulfate Moieties of Heparan Sulfate. Journal of Biological Chemistry, 2015, 290, 24210-24221.	1.6	26
8	CUL2-mediated clearance of misfolded TDP-43 is paradoxically affected by VHL in oligodendrocytes in ALS. Scientific Reports, 2016, 6, 19118.	1.6	26
9	Sulfated glycosaminoglycans in protein aggregation diseases. Glycoconjugate Journal, 2017, 34, 453-466.	1.4	26
10	K604, a specific acyl-CoA:cholesterol acyltransferase 1 inhibitor, suppresses proliferation of U251-MG glioblastoma cells. Molecular Medicine Reports, 2015, 12, 6037-6042.	1.1	25
11	Adipophilin expression in cutaneous malignant melanoma is associated with high proliferation and poor clinical prognosis. Laboratory Investigation, 2020, 100, 727-737.	1.7	24
12	A novel amphipathic cell-penetrating peptide based on the N-terminal glycosaminoglycan binding region of human apolipoprotein E. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 541-549.	1.4	20
13	Sulfated glycosaminoglycans mediate prion-like behavior of p53 aggregates. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33225-33234.	3.3	20
14	Protein C-Mannosylation and C-Mannosyl Tryptophan in Chemical Biology and Medicine. Molecules, 2021, 26, 5258.	1.7	18
15	Enhancement of direct membrane penetration of arginine-rich peptides by polyproline II helix structure. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183403.	1.4	16
16	Heparin promotes fibril formation by the Nâ€terminal fragment of amyloidogenic apolipoprotein Aâ€I. FEBS Letters, 2016, 590, 3492-3500.	1.3	15
17	Heparan sulfate S-domains and extracellular sulfatases (Sulfs): their possible roles in protein aggregation diseases. Glycoconjugate Journal, 2018, 35, 387-396.	1.4	15
18	Mechanisms of aggregation and fibril formation of the amyloidogenic N-terminal fragment of apolipoprotein A-I. Journal of Biological Chemistry, 2019, 294, 13515-13524.	1.6	15

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19	Extracellular endosulfatase Sulf-2 harbors a chondroitin/dermatan sulfate chain that modulates its enzyme activity. Cell Reports, 2022, 38, 110516.	2.9	15
20	Effect of hydrophobic moment on membrane interaction and cell penetration of apolipoprotein E-derived arginine-rich amphipathic Î±-helical peptides. Scientific Reports, 2022, 12, 4959.	1.6	15
21	Iowa Mutant Apolipoprotein A-I (ApoA-IIowa) Fibrils Target Lysosomes. Scientific Reports, 2016, 6, 30391.	1.6	14
22	Extracellularly Released Calreticulin Induced by Endoplasmic Reticulum Stress Impairs Syncytialization of Cytotrophoblast Model BeWo Cells. Cells, 2021, 10, 1305.	1.8	13
23	Effect of Phosphatidylserine and Cholesterol on Membrane-mediated Fibril Formation by the N-terminal Amyloidogenic Fragment of Apolipoprotein A-I. Scientific Reports, 2018, 8, 5497.	1.6	9
24	Monomeric C-mannosyl tryptophan is a degradation product of autophagy in cultured cells. Glycoconjugate Journal, 2020, 37, 635-645.	1.4	9
25	Enzymatic remodeling of heparan sulfate: a therapeutic strategy for systemic and localized amyloidoses?. Neural Regeneration Research, 2016, 11, 408.	1.6	8
26	RB4CD12 epitope expression and heparan sulfate disaccharide composition in brain vasculature. Journal of Neuroscience Research, 2011, 89, 1840-1848.	1.3	7
27	Lipid Droplet Accumulation Independently Predicts Poor Clinical Prognosis in High-Grade Serous Ovarian Carcinoma. Cancers, 2021, 13, 5251.	1.7	7
28	The polyphenol (â˜')-epigallocatechin-3-gallate prevents apoA-IIowaamyloidosisin vitroand protects human embryonic kidney 293 cells against amyloid cytotoxicity. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2016, 23, 17-25.	1.4	6
29	ACAT1-associated Late Endosomes/Lysosomes Significantly Improve Impaired Intracellular Cholesterol Metabolism and the Survival of Niemann-Pick Type C Mice. Acta Histochemica Et Cytochemica, 2014, 47, 35-43.	0.8	5
30	The Accumulation of Heparan Sulfate S-Domains in Kidney Transthyretin Deposits Accelerates Fibril Formation and Promotes Cytotoxicity. American Journal of Pathology, 2019, 189, 308-319.	1.9	5
31	Calreticulin protects insulin against reductive stress inÂvitro and in MIN6 cells. Biochimie, 2020, 171-172, 1-11.	1.3	5
32	Novel conformationâ€šselective monoclonal antibodies against apoAâ€‹ amyloid fibrils. FEBS Journal, 2021, 288, 1496-1513.	2.2	4
33	Beta3Gn-T7 Is a Keratan Sulfate Î²1,3 N-Acetylglucosaminyltransferase in the Adult Brain. Frontiers in Neuroanatomy, 2022, 16, 813841.	0.9	4
34	Cell-to-cell transmission of p53 aggregates: a novel player in oncology?. Molecular and Cellular Oncology, 2021, 8, 1892444.	0.3	3
35	Design and Synthesis of 6â€‹O‹/i›â€‹Phosphorylated Heparan Sulfate Oligosaccharides to Inhibit Amyloid Î² Aggregation. ChemBioChem, 2022, 23, .	1.3	3
36	C-Mannosylated tryptophan-containing WSPW peptide binds to actinin-4 and alters E-cadherin subcellular localization in lung epithelial-like A549Âcells. Biochimie, 2021, , .	1.3	2

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37	Phosphatidylethanolamine accelerates aggregation of the amyloidogenic Nâ€terminal fragment of apoAâ€I. FEBS Letters, 2020, 594, 1443-1452.	1.3	2
38	Thrombospondin type 1 repeat-derived C-mannosylated peptide attenuates synaptogenesis of cortical neurons induced by primary astrocytes via TGF-Î². Glycoconjugate Journal, 2021, , 1.	1.4	2
39	Immunochemical Approach for Monitoring of Structural Transition of ApoA-I upon HDL Formation Using Novel Monoclonal Antibodies. Scientific Reports, 2017, 7, 2988.	1.6	1
40	Complementary Role of GlcNAc6ST2 and GlcNAc6ST3 in Synthesis of CL40-Reactive Sialylated and Sulfated Glycans in the Mouse Pleural Mesothelium. Molecules, 2022, 27, 4543.	1.7	1
41	Contribution of Sulfated Glycosaminoglycans to the Pathology of Amyloidosis. Trends in Glycoscience and Glycotechnology, 2021, 33, E141-E145.	0.0	0
42	Contribution of Sulfated Glycosaminoglycans to the Pathology of Amyloidosis. Trends in Glycoscience and Glycotechnology, 2021, 33, J141-J145.	0.0	0