

Kenta Moriwaki

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

5,123
citations

201674

27
h-index

175258

52
g-index

60
all docs

60
docs citations

60
times ranked

8095
citing authors

#	ARTICLE	IF	CITATIONS
1	The RIP1/RIP3 Necrosome Forms a Functional Amyloid Signaling Complex Required for Programmed Necrosis. <i>Cell</i> , 2012, 150, 339-350.	28.9	968
2	Detection of Necrosis by Release of Lactate Dehydrogenase Activity. <i>Methods in Molecular Biology</i> , 2013, 979, 65-70.	0.9	604
3	RIP3 Induces Apoptosis Independent of Pronecrotic Kinase Activity. <i>Molecular Cell</i> , 2014, 56, 481-495.	9.7	470
4	Biological Function of Fucosylation in Cancer Biology. <i>Journal of Biochemistry</i> , 2007, 143, 725-729.	1.7	329
5	RIP3: a molecular switch for necrosis and inflammation. <i>Genes and Development</i> , 2013, 27, 1640-1649.	5.9	306
6	Programmed Necrosis in the Cross Talk of Cell Death and Inflammation. <i>Annual Review of Immunology</i> , 2015, 33, 79-106.	21.8	298
7	Fucosylated haptoglobin is a novel marker for pancreatic cancer: A detailed analysis of the oligosaccharide structure and a possible mechanism for fucosylation. <i>International Journal of Cancer</i> , 2006, 118, 2803-2808.	5.1	271
8	The Necroptosis Adaptor RIPK3 Promotes Injury-Induced Cytokine Expression and Tissue Repair. <i>Immunity</i> , 2014, 41, 567-578.	14.3	199
9	A RIPK3-IL-1 β Caspase 8 Complex Mediates Atypical Pro-IL-1 β Processing. <i>Journal of Immunology</i> , 2015, 194, 1938-1944.	0.8	144
10	Fucosylation Is a Promising Target for Cancer Diagnosis and Therapy. <i>Biomolecules</i> , 2012, 2, 34-45.	4.0	132
11	The Mitochondrial Phosphatase PGAM5 Is Dispensable for Necroptosis but Promotes Inflammasome Activation in Macrophages. <i>Journal of Immunology</i> , 2016, 196, 407-415.	0.8	106
12	A Novel Core Fucose-specific Lectin from the Mushroom <i>Pholiota squarrosa</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 33973-33982.	3.4	101
13	Deficiency of GMDS Leads to Escape from NK Cell-Mediated Tumor Surveillance Through Modulation of TRAIL Signaling. <i>Gastroenterology</i> , 2009, 137, 188-198.e2.	1.3	92
14	Fucosylation and gastrointestinal cancer. <i>World Journal of Hepatology</i> , 2010, 2, 151.	2.0	79
15	A High Expression of GDP-Fucose Transporter in Hepatocellular Carcinoma is a Key Factor for Increases in Fucosylation. <i>Glycobiology</i> , 2007, 17, 1311-1320.	2.5	73
16	Necroptosis-independent signaling by the RIP kinases in inflammation. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2325-2334.	5.4	73
17	Necrosis-dependent and independent signaling of the RIP kinases in inflammation. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 167-174.	7.2	69
18	Fucosylated haptoglobin is a novel type of cancer biomarker linked to the prognosis after an operation in colorectal cancer. <i>Cancer</i> , 2012, 118, 3036-3043.	4.1	67

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19	Enhanced Epithelial-Mesenchymal Transition-like Phenotype in N-Acetylglucosaminyltransferase V Transgenic Mouse Skin Promotes Wound Healing. <i>Journal of Biological Chemistry</i> , 2011, 286, 28303-28311.	3.4	59
20	Clinical application of a lectin-antibody ELISA to measure fucosylated haptoglobin in sera of patients with pancreatic cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 505-512.	2.3	58
21	Regulation of RIPK3- and RHIM-dependent Necroptosis by the Proteasome. <i>Journal of Biological Chemistry</i> , 2016, 291, 5948-5959.	3.4	52
22	Identification of an inducible factor secreted by pancreatic cancer cell lines that stimulates the production of fucosylated haptoglobin in hepatoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 792-796.	2.1	50
23	Identification of a phosphorylation site on Ulk1 required for genotoxic stress-induced alternative autophagy. <i>Nature Communications</i> , 2020, 11, 1754.	12.8	46
24	Distinct Kinase-Independent Role of RIPK3 in CD11c + Mononuclear Phagocytes in Cytokine-Induced Tissue Repair. <i>Cell Reports</i> , 2017, 18, 2441-2451.	6.4	45
25	GDP-mannose-4,6-dehydratase (GMD5) Deficiency Renders Colon Cancer Cells Resistant to Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) Receptor- and CD95-mediated Apoptosis by Inhibiting Complex II Formation. <i>Journal of Biological Chemistry</i> , 2011, 286, 43123-43133.	3.4	40
26	The effect of epigenetic regulation of fucosylation on TRAIL-induced apoptosis. <i>Glycoconjugate Journal</i> , 2010, 27, 649-659.	2.7	31
27	Glycomic Analyses of Glycoproteins in Bile and Serum during Rat Hepatocarcinogenesis. <i>Journal of Proteome Research</i> , 2010, 9, 4888-4896.	3.7	29
28	Mutation of GDP-Mannose-4,6-Dehydratase in Colorectal Cancer Metastasis. <i>PLoS ONE</i> , 2013, 8, e70298.	2.5	28
29	A secreted type of β 1,6 N-Acetylglucosaminyltransferase V (GnT β 5), a novel angiogenesis inducer, is regulated by β 3-galactosidase. <i>FASEB Journal</i> , 2006, 20, 2451-2459.	0.5	27
30	N-Acetylglucosaminyltransferase V regulates TGF- β 2 response in hepatic stellate cells and the progression of steatohepatitis. <i>Glycobiology</i> , 2012, 22, 778-787.	2.5	26
31	Identification of Fucosylated Haptoglobin as a Novel Tumor Marker for Pancreatic Cancer and Its Possible Application for a Clinical Diagnostic Test. <i>Methods in Enzymology</i> , 2010, 478, 153-164.	1.0	25
32	Analysis of Polarized Secretion of Fucosylated Alpha-Fetoprotein in HepG2 Cells. <i>Journal of Proteome Research</i> , 2012, 11, 2798-2806.	3.7	23
33	Necroptosis of Intestinal Epithelial Cells Induces Type 3 Innate Lymphoid Cell-Dependent Lethal Ileitis. <i>IScience</i> , 2019, 15, 536-551.	4.1	21
34	Combination use of anti-CD133 antibody and SSA lectin can effectively enrich cells with high tumorigenicity. <i>Cancer Science</i> , 2011, 102, 1164-1170.	3.9	17
35	Regulation of the release of damage-associated molecular patterns from necroptotic cells. <i>Biochemical Journal</i> , 2022, 479, 677-685.	3.7	17
36	Identification of a Novel Type of CA19-9 Carrier in Human Bile and Sera of Cancer Patients: An Implication of the Involvement in Nonsecretory Exocytosis. <i>Journal of Proteome Research</i> , 2010, 9, 6345-6353.	3.7	15

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37	Whole-body imaging of tumor cells by azaelectrocyclization: Visualization of metastasis dependence on glycan structure. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1074-1077.	3.0	14
38	Establishment of an antibody specific for cancer-associated haptoglobin: a possible implication of clinical investigation. <i>Oncotarget</i> , 2018, 9, 12732-12744.	1.8	14
39	Sweet modification and regulation of death receptor signalling pathway. <i>Journal of Biochemistry</i> , 2021, 169, 643-652.	1.7	13
40	MIND bomb 2 prevents RIPK1 kinase activity-dependent and -independent apoptosis through ubiquitylation of cFLIPL. <i>Communications Biology</i> , 2021, 4, 80.	4.4	13
41	BIG1 is required for the survival of deep layer neurons, neuronal polarity, and the formation of axonal tracts between the thalamus and neocortex in developing brain. <i>PLoS ONE</i> , 2017, 12, e0175888.	2.5	11
42	The death-inducing activity of RIPK1 is regulated by the pH environment. <i>Science Signaling</i> , 2020, 13, .	3.6	10
43	High levels of E4-PHA-reactive oligosaccharides: potential as marker for cells with characteristics of hepatic progenitor cells. <i>Glycoconjugate Journal</i> , 2009, 26, 1213-1223.	2.7	9
44	Overexpression of α 1,6-fucosyltransferase in hepatoma enhances expression of Golgi phosphoprotein 2 in a fucosylation-independent manner. <i>International Journal of Oncology</i> , 2011, 39, 203-8.	3.3	9
45	Preparation of branched cyclomaltoheptaose with 3-O- α -L-fucopyranosyl- α -D-mannopyranose and changes in fucosylation of HCT116 cells treated with the fucose-modified cyclomaltoheptaose. <i>Carbohydrate Research</i> , 2013, 374, 49-58.	2.3	9
46	Border Security: The Role of RIPK3 in Epithelium Homeostasis. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 70.	3.7	8
47	The scaffold-dependent function of RIPK1 in dendritic cells promotes injury-induced colitis. <i>Mucosal Immunology</i> , 2022, 15, 84-95.	6.0	7
48	A glycoproteomic approach to identify novel glycomarkers for cancer stem cells. <i>Proteomics</i> , 2016, 16, 3073-3080.	2.2	6
49	Basic Procedures for Lectin Flow Cytometry. <i>Methods in Molecular Biology</i> , 2014, 1200, 147-152.	0.9	4
50	Roles of Fucosylation in Tumor Immunology. <i>Trends in Glycoscience and Glycotechnology</i> , 2010, 22, 239-246.	0.1	2
51	Abstract 4531: Fucosylated haptoglobin is a novel type of cancer biomarker linked to the prognosis after an operation in colorectal cancer. <i>Cancer Research</i> , 2012, 72, 4531-4531.	0.9	2
52	Targeting Necroptosis in Antitumor Therapy. , 2019, , 275-285.		1
53	Loss of Rab6a in the small intestine causes lipid accumulation and epithelial cell death from lactation. <i>FASEB Journal</i> , 2020, 34, 9450-9465.	0.5	1
54	Programmed Necrosis in Immunity and Inflammatory Diseases. , 2014, , 177-194.		0

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55	Abstract 800: Novel GMDS mutation and clinical estimation of fucosylation in several kinds of human cancer. , 2010, , .		0
56	Abstract 4356: Combination use of anti-CD133 antibody and SSA lectin can effectively enrich cells with high tumorigenicity. , 2011, , .		0
57	Abstract 2684: Clinical significance of GDP-mannose-4,6-dehydratase mutation and loss of fucosylation in colorectal cancer.. , 2013, , .		0
58	Proscillaridin A Sensitizes Human Colon Cancer Cells to TRAIL-Induced Cell Death. International Journal of Molecular Sciences, 2022, 23, 6973.	4.1	0