

Masahiro Hosono

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7498403/publications.pdf>

Version: 2024-02-01

29
papers

649
citations

516710

16
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Tandem repeat structure of rhamnose-binding lectin from catfish (<i>Silurus asotus</i>) eggs1The nucleotide sequence reported in this paper has been submitted to the DDBJ/EMBL/GenBank Data Bank with accession number AB020571.1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999, 1472, 668-675.	2.4	95
2	A Lectin from the Mussel <i>Mytilus galloprovincialis</i> Has a Highly Novel Primary Structure and Induces Glycan-mediated Cytotoxicity of Globotriaosylceramide-expressing Lymphoma Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 44772-44783.	3.4	77
3	MytiLec, a Mussel R-Type Lectin, Interacts with Surface Glycan Gb3 on Burkitt's Lymphoma Cells to Trigger Apoptosis through Multiple Pathways. <i>Marine Drugs</i> , 2015, 13, 7377-7389.	4.6	43
4	Catfish Egg Lectin Causes Rapid Activation of Multidrug Resistance 1 P-Glycoprotein as a Lipid Translocase. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 434-441.	1.4	40
5	Purification and Characterization of <i>Silurus asotus</i> (Catfish) Roe Lectin.. <i>Biological and Pharmaceutical Bulletin</i> , 1993, 16, 1-5.	1.4	38
6	Sialic acid-binding lectin (lecyzime) induces caspase-dependent apoptosis-mediated mitochondrial perturbation in Jurkat cells. <i>International Journal of Oncology</i> , 2013, 43, 1402-1412.	3.3	30
7	Cytotoxicity and Glycan-Binding Profile of a d-Galactose-Binding Lectin from the Eggs of a Japanese Sea Hare (<i>Aplysia kurodai</i>). <i>Protein Journal</i> , 2011, 30, 509-519.	1.6	26
8	Sialic acid-binding lectin (lecyzime) induces apoptosis to malignant mesothelioma and exerts synergistic antitumor effects with TRAIL. <i>International Journal of Oncology</i> , 2014, 44, 377-384.	3.3	22
9	Involvement of ER stress in apoptosis induced by sialic acid-binding lectin (lecyzime) from bullfrog eggs. <i>International Journal of Oncology</i> , 2013, 43, 1799-1808.	3.3	21
10	Lissoclibadin 1, a Polysulfur Aromatic Alkaloid from the Indonesian Ascidian <i>Lissoclinum</i> cf. <i>badium</i> , Induces Caspase-Dependent Apoptosis in Human Colon Cancer Cells and Suppresses Tumor Growth in Nude Mice. <i>Journal of Natural Products</i> , 2017, 80, 499-502.	3.0	21
11	Synergistic anti-tumor effect of bullfrog sialic acid-binding lectin and pemetrexed in malignant mesothelioma. <i>Oncotarget</i> , 2017, 8, 42466-42477.	1.8	21
12	Domain composition of rhamnose-binding lectin from shishamo smelt eggs and its carbohydrate-binding profiles. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1619-1630.	2.3	20
13	Globotriaosylceramide-Expressing Burkitt's Lymphoma Cells Are Committed to Early Apoptotic Status by Rhamnose-Binding Lectin from Catfish Eggs. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 345-353.	1.4	19
14	Downregulation of Hsp70 inhibits apoptosis induced by sialic acid-binding lectin (lecyzime). <i>Oncology Reports</i> , 2014, 31, 13-18.	2.6	18
15	Catfish rhamnose-binding lectin induces G0/1 cell cycle arrest in Burkitt's lymphoma cells via membrane surface Gb3. <i>Glycoconjugate Journal</i> , 2017, 34, 127-138.	2.7	18
16	Alteration of Gene Expression Induced by <i>Silurus asotus</i> Lectin in Burkitt's Lymphoma Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 998-1002.	1.4	16
17	Sialidase NEU3 defines invasive potential of human glioblastoma cells by regulating calpain-mediated proteolysis of focal adhesion proteins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2778-2788.	2.4	16
18	RNase activity of sialic acid-binding lectin from bullfrog eggs drives antitumor effect via the activation of p38 MAPK to caspase-3/7 signaling pathway in human breast cancer cells. <i>International Journal of Oncology</i> , 2016, 49, 1334-1342.	3.3	14

#	ARTICLE	IF	CITATIONS
19	Leczyme: A New Candidate Drug for Cancer Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	13
20	Cancer-Selective Induction of Apoptosis by Leczyme. <i>Frontiers in Oncology</i> , 2014, 4, 139.	2.8	13
21	MRP1 Expressed on Burkitt's Lymphoma Cells was Depleted by Catfish Egg Lectin Through Gb3-Glycosphingolipid and Enhanced Cytotoxic Effect of Drugs. <i>Protein Journal</i> , 2012, 31, 15-26.	1.6	11
22	Sialic acid-binding lectin from bullfrog eggs inhibits human malignant mesothelioma cell growth in vitro and in vivo. <i>PLoS ONE</i> , 2018, 13, e0190653.	2.5	10
23	The Structure of <i>Silurus asotus</i> (Catfish) Roe Lectin (SAL): Identification of a Noncovalent Trimer by Mass Spectrometry and Analytical Ultracentrifugation. <i>Analytical Biochemistry</i> , 1997, 247, 319-326.	2.4	9
24	Sialic Acid-Binding Lectin from Bullfrog Eggs Exhibits an Anti-Tumor Effect Against Breast Cancer Cells Including Triple-Negative Phenotype Cells. <i>Molecules</i> , 2018, 23, 2714.	3.8	9
25	A GM1b/asialo-GM1 oligosaccharide-binding R-type lectin from purplish bifurcate mussels <i>Mytilisepta virgata</i> and its effect on MAP kinases. <i>FEBS Journal</i> , 2020, 287, 2612-2630.	4.7	9
26	Transcriptomic alterations in malignant pleural mesothelioma cells in response to long-term treatment with bullfrog sialic acid-binding lectin. <i>Molecular Medicine Reports</i> , 2021, 23, .	2.4	5
27	Catfish egg lectin affects influx and efflux rates of sunitinib in human cervical carcinoma HeLa cells. <i>Glycobiology</i> , 2020, 30, 802-816.	2.5	2
28	Bacterial Expression of Rhamnose-Binding Lectin from Catfish Eggs. <i>Methods in Molecular Biology</i> , 2020, 2132, 359-367.	0.9	1
29	Discovery of antitumor effects of leczymses. <i>Glycoconjugate Journal</i> , 2022, 39, 157.	2.7	1