Masahiro Hosono

List of Publications by Year
in descending order

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		516710	580821
29	649	16	25
papers	citations	h-index	g-index

30	30	30	540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discovery of antitumor effects of leczymes. Glycoconjugate Journal, 2022, 39, 157.	2.7	1
2	Transcriptomic alterations in malignant pleural mesothelioma cells in response to longâ€'term treatment with bullfrog sialic acidâ€'binding lectin. Molecular Medicine Reports, 2021, 23, .	2.4	5
3	A GM1b/asialoâ€GM1 oligosaccharideâ€binding Râ€type lectin from purplish bifurcate mussels MytiliseptaÂvirgata and its effect on MAP kinases. FEBS Journal, 2020, 287, 2612-2630.	4.7	9
4	Catfish egg lectin affects influx and efflux rates of sunitinib in human cervical carcinoma HeLa cells. Glycobiology, 2020, 30, 802-816.	2.5	2
5	Bacterial Expression of Rhamnose-Binding Lectin from Catfish Eggs. Methods in Molecular Biology, 2020, 2132, 359-367.	0.9	1
6	Sialic Acid-Binding Lectin from Bullfrog Eggs Exhibits an Anti-Tumor Effect Against Breast Cancer Cells Including Triple-Negative Phenotype Cells. Molecules, 2018, 23, 2714.	3.8	9
7	Sialic acid-binding lectin from bullfrog eggs inhibits human malignant mesothelioma cell growth in vitro and in vivo. PLoS ONE, 2018, 13, e0190653.	2.5	10
8	Lissoclibadin 1, a Polysulfur Aromatic Alkaloid from the Indonesian Ascidian Lissoclinum cf. badium, Induces Caspase-Dependent Apoptosis in Human Colon Cancer Cells and Suppresses Tumor Growth in Nude Mice. Journal of Natural Products, 2017, 80, 499-502.	3.0	21
9	Catfish rhamnose-binding lectin induces G0/1 cell cycle arrest in Burkittâ€™s lymphoma cells via membrane surface Gb3. Glycoconjugate Journal, 2017, 34, 127-138.	2.7	18
10	Sialidase NEU3 defines invasive potential of human glioblastoma cells by regulating calpain-mediated proteolysis of focal adhesion proteins. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2778-2788.	2.4	16
11	Synergistic anti-tumor effect of bullfrog sialic acid-binding lectin and pemetrexed in malignant mesothelioma. Oncotarget, 2017, 8, 42466-42477.	1.8	21
12	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. International Journal of Oncology, 2016, 49, 1334-1342.	3.3	14
13	MytiLec, a Mussel R-Type Lectin, Interacts with Surface Glycan Gb3 on Burkittâ€™s Lymphoma Cells to Trigger Apoptosis through Multiple Pathways. Marine Drugs, 2015, 13, 7377-7389.	4.6	43
14	Leczyme: A New Candidate Drug for Cancer Therapy. BioMed Research International, 2014, 2014, 1-10.	1.9	13
15	Cancer-Selective Induction of Apoptosis by Leczyme. Frontiers in Oncology, 2014, 4, 139.	2.8	13
16	Downregulation of Hsp70 inhibits apoptosis induced by sialic acid-binding lectin (leczyme). Oncology Reports, 2014, 31, 13-18.	2.6	18
17	Sialic acid-binding lectin (leczyme) induces apoptosis to malignant mesothelioma and exerts synergistic antitumor effects with TRAIL. International Journal of Oncology, 2014, 44, 377-384.	3.3	22
18	Domain composition of rhamnose-binding lectin from shishamo smelt eggs and its carbohydrate-binding profiles. Fish Physiology and Biochemistry, 2013, 39, 1619-1630.	2.3	20

#	Article	IF	Citations
19	Sialic acid-binding lectin (leczyme) induces caspase-dependent apoptosis-mediated mitochondrial perturbation in Jurkat cells. International Journal of Oncology, 2013, 43, 1402-1412.	3.3	30
20	Involvement of ER stress in apoptosis induced by sialic acid-binding lectin (leczyme) from bullfrog eggs. International Journal of Oncology, 2013, 43, 1799-1808.	3.3	21
21	A Lectin from the Mussel Mytilus galloprovincialis Has a Highly Novel Primary Structure and Induces Glycan-mediated Cytotoxicity of Globotriaosylceramide-expressing Lymphoma Cells. Journal of Biological Chemistry, 2012, 287, 44772-44783.	3.4	77
22	MRP1 Expressed on Burkittâ€™s Lymphoma Cells was Depleted by Catfish Egg Lectin Through Gb3-Glycosphingolipid and Enhanced Cytotoxic Effect of Drugs. Protein Journal, 2012, 31, 15-26.	1.6	11
23	Cytotoxicity and Glycan-Binding Profile of a d-Galactose-Binding Lectin from the Eggs of a Japanese Sea Hare (Aplysia kurodai). Protein Journal, 2011, 30, 509-519.	1.6	26
24	Globotriaosylceramide-Expressing Burkitt's Lymphoma Cells Are Committed to Early Apoptotic Status by Rhamnose-Binding Lectin from Catfish Eggs. Biological and Pharmaceutical Bulletin, 2009, 32, 345-353.	1.4	19
25	Alteration of Gene Expression Induced by Silurus asotus Lectin in Burkitt's Lymphoma Cells. Biological and Pharmaceutical Bulletin, 2008, 31, 998-1002.	1.4	16
26	Catfish Egg Lectin Causes Rapid Activation of Multidrug Resistance 1 P-Glycoprotein as a Lipid Translocase. Biological and Pharmaceutical Bulletin, 2005, 28, 434-441.	1.4	40
27	Tandem repeat structure of rhamnose-binding lectin from catfish (Silurus asotus) eggs1The nucleotide sequence reported in this paper has been submitted to the DDBJ/EMBL/GenBank Data Bank with accession number AB020571.1. Biochimica Et Biophysica Acta - General Subjects, 1999, 1472, 668-675.	2.4	95
28	The Structure ofSilurus asotus(Catfish) Roe Lectin (SAL): Identification of a Noncovalent Trimer by Mass Spectrometry and Analytical Ultracentrifugation. Analytical Biochemistry, 1997, 247, 319-326.	2.4	9
29	Purification and Characterization of Silurus asotus (Catfish) Roe Lectin.. Biological and Pharmaceutical Bulletin, 1993, 16, 1-5.	1.4	38