

Hirohiko Ise

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Vimentin and desmin possess GlcNAc-binding lectin-like properties on cell surfaces. <i>Glycobiology</i> , 2010, 20, 843-864.	2.5	81
2	Gene delivery system based on highly specific recognition of surface-vimentin with N-acetylglucosamine immobilized polyethylenimine. <i>Biomaterials</i> , 2011, 32, 3471-3480.	11.4	38
3	Dynamic behaviors of vimentin induced by interaction with GlcNAc molecules. <i>Glycobiology</i> , 2012, 22, 1741-1759.	2.5	38
4	Engulfment and clearance of apoptotic cells based on a GlcNAc-binding lectin-like property of surface vimentin. <i>Glycobiology</i> , 2012, 22, 788-805.	2.5	28
5	Effective uptake of N-acetylglucosamine-conjugated liposomes by cardiomyocytes in vitro. <i>Journal of Controlled Release</i> , 2007, 122, 189-198.	9.9	27
6	Interactions of vimentin- or desmin-expressing liver cells with N-acetylglucosamine-bearing polymers. <i>Biomaterials</i> , 2012, 33, 2154-2164.	11.4	27
7	Imaging and therapy of liver fibrosis using bio-reducible polyethylenimine/siRNA complexes conjugated with N-acetylglucosamine as a targeting moiety. <i>Biomaterials</i> , 2013, 34, 6504-6514.	11.4	27
8	Multimeric conformation of type III intermediate filaments but not the filamentous conformation exhibits high affinity to lipid bilayers. <i>Genes To Cells</i> , 2020, 25, 413-426.	1.2	21
9	Targeting N-acetylglucosamine-bearing polymer-coated liposomes to vascular smooth muscle cells. <i>Journal of Artificial Organs</i> , 2011, 14, 301-309.	0.9	15
10	Improved Isolation of Mesenchymal Stem Cells Based on Interactions between N-Acetylglucosamine-Bearing Polymers and Cell-Surface Vimentin. <i>Stem Cells International</i> , 2019, 2019, 1-13.	2.5	15
11	Elucidation of GlcNAc-binding properties of type III intermediate filament proteins, using GlcNAc-bearing polymers. <i>Genes To Cells</i> , 2017, 22, 900-917.	1.2	8
12	Development of a Gene Delivery System of Oligonucleotides for Fibroses by Targeting Cell-Surface Vimentin-Expressing Cells with N-Acetylglucosamine-Bearing Polymer-Conjugated Polyethyleneimine. <i>Polymers</i> , 2020, 12, 1508.	4.5	7
13	Interactions of N-acetyl-D-glucosamine-conjugated silk fibroin with lectins, cytoskeletal proteins and cardiomyocytes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 198, 111406.	5.0	2
14	Vimentin's N-Acetylglucosamine-Binding Activity: Its Physiological Function. <i>Trends in Glycoscience and Glycotechnology</i> , 2017, 29, E71-E79.	0.1	1
15	Vimentin's N-Acetylglucosamine-Binding Activity: Its Physiological Function. <i>Trends in Glycoscience and Glycotechnology</i> , 2017, 29, J49-J57.	0.1	0