Toshinori Sato

List of Publications by Year
in descending order

159 papers	3,920 citations	126907 33 h-index	149698 56 g-index
164 all docs	164 docs citations	164 times ranked	4031 citing authors

#	Article	IF	Citations
1	In vitro synthesis of mucin-type O-glycans using saccharide primers comprising GalNAc-Ser and GalNAc-Thr residues. Carbohydrate Research, 2022, 511, 108495.	2.3	3
2	Influenza Virus. , 2022, , 237-248.		0
3	De Novo Design of Star-Shaped Glycoligands with Synthetic Polymer Structures toward an Influenza Hemagglutinin Inhibitor. Biomacromolecules, 2022, 23, 1232-1241.	5.4	2
4	Detection of Influenza Virus by Agglutination of Microparticles Immobilized a Mixed Glycan Receptor Produced from Cells. ACS Applied Bio Materials, 2022, 5, 2130-2134.	4.6	1
5	Ganglioside Nanocluster-Targeting Peptidyl Inhibitor Prevents Amyloid Î² Fibril Formation on the Neuronal Membrane. ACS Chemical Neuroscience, 2022, 13, 1868-1876.	3.5	5
6	Heterogeneous Ganglioside-Enriched Nanoclusters with Different Densities in Membrane Rafts Detected by a Peptidyl Molecular Probe. Langmuir, 2021, 37, 646-654.	3.5	11
7	Amyloid Î² Assemblies Induced by Highlyâ€"enriched Ganglioside Nanoclusters. Membrane, 2021, 46, 7-11.	0.0	0
8	Motobamide, an Antitrypanosomal Cyclic Peptide from a Leptolyngbya sp. Marine Cyanobacterium. Journal of Natural Products, 2021, 84, 1649-1655.	3.0	13
9	Detection of influenza virus by agglutination using nanoparticles conjugated with a sialic acid-mimic peptide. Polymer Journal, 2020, 52, 261-266.	2.7	5
10	Avian Influenza Virus Detection by Optimized Peptide Termination on a Boron-Doped Diamond Electrode. ACS Sensors, 2020, 5, 431-439.	7.8	35
11	Ikoamide, an Antimalarial Lipopeptide from an Okeania sp. Marine Cyanobacterium. Journal of Natural Products, 2020, 83, 481-488.	3.0	24
12	Synthesis of Various Glycopolymers Bearing Sialyllactose and the Effect of Their Molecular Mobility on Interaction with the Influenza Virus. Biomacromolecules, 2019, 20, 2763-2769.	5.4	17
13	Topological Design of Star Glycopolymers for Controlling the Interaction with the Influenza Virus. Bioconjugate Chemistry, 2019, 30, 1192-1198.	3.6	36
14	Responsibility of lipid compositions for the amyloid ÃŸ assembly induced by ganglioside nanoclusters in mouse synaptosomal membranes. Polymer Journal, 2018, 50, 745-752.	2.7	4
15	Comparative Quantification Method for Glycosylated Products Elongated on Î²-Xylosides Using a Stable Isotope-Labeled Saccharide Primer. Analytical Chemistry, 2018, 90, 5201-5208.	6.5	6
16	Hoshinoamides A and B, Acyclic Lipopeptides from the Marine Cyanobacterium Caldora penicillata. Journal of Natural Products, 2018, 81, 2545-2552.	3.0	17
17	Izenamides A and B, Statine-Containing Depsipeptides, and an Analogue from a Marine Cyanobacterium. Journal of Natural Products, 2018, 81, 1673-1681.	3.0	10
18	Glycoreplica Peptides. Methods in Molecular Biology, 2018, 1804, 437-447.	0.9	0

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19	Amyloid-Î² fibrils assembled on ganglioside-enriched membranes contain both parallel Î²-sheets and turns. Journal of Biological Chemistry, 2018, 293, 14146-14154.	3.4	44
20	Novel hemagglutinin-binding sulfated oligofucosides and their effect on influenza virus infection. Chemical Communications, 2018, 54, 7467-7470.	4.1	10
21	Kohamamides A, B, and C, Cyclic Depsipeptides from an Okeania sp. Marine Cyanobacterium. Journal of Natural Products, 2017, 80, 1948-1952.	3.0	16
22	Selective Intracellular Delivery of Ganglioside GM3-Binding Peptide through Caveolae/Raft-Mediated Endocytosis. Biomacromolecules, 2017, 18, 355-362.	5.4	19
23	In vitro and in vivo gene delivery using chitosan/hyaluronic acid nanoparticles: Influences of molecular mass of hyaluronic acid and lyophilization on transfection efficiency. Journal of Gene Medicine, 2017, 19, e2968.	2.8	24
24	Size and Shape of Amyloid Fibrils Induced by Ganglioside Nanoclusters: Role of Sialyl Oligosaccharide in Fibril Formation. Langmuir, 2017, 33, 13874-13881.	3.5	32
25	Design of Glycopolymers Carrying Sialyl Oligosaccharides for Controlling the Interaction with the Influenza Virus. Biomacromolecules, 2017, 18, 4385-4392.	5.4	52
26	Saccharide Primers Comprising Xylosyl-Serine Primed Phosphorylated Oligosaccharides Act as Intermediates in Glycosaminoglycan Biosynthesis. ACS Omega, 2017, 2, 3110-3122.	3.5	5
27	Editorial: Perspectives for the Next Generation of Virus Research: Spearheading the Use of Innovative Technologies and Methodologies. Frontiers in Microbiology, 2017, 8, 758.	3.5	2
28	Multivalent Effect in Influenza Hemagglutinin-Binding Activity of Sugar-Mimic Peptide. Kobunshi Ronbunshu, 2016, 73, 62-68.	0.2	4
29	Binding of Hemagglutinin and Influenza Virus to a Peptide-Conjugated Lipid Membrane. Frontiers in Microbiology, 2016, 7, 468.	3.5	5
30	Highly sensitive detection of influenza virus by boron-doped diamond electrode terminated with sialic acid-mimic peptide. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8981-8984.	7.1	54
31	Mineralization by Dendritic Oligomers of Apatite-Binding Peptide under Body Fluid Conditions. Kobunshi Ronbunshu, 2016, 73, 55-61.	0.2	1
32	Heptapeptide ligands against receptor-binding sites of influenza hemagglutinin toward anti-influenza therapy. Bioorganic and Medicinal Chemistry, 2016, 24, 1106-1114.	3.0	13
33	Long time-course monitoring of ZFP809-mediated gene silencing in transgene expression driven by promoters containing MLV-derived PBS. Bioscience, Biotechnology and Biochemistry, 2016, 80, 114-120.	1.3	2
34	Glycolipid dynamics in generation and differentiation of induced pluripotent stem cells. Scientific Reports, 2015, 5, 14988.	3.3	19
35	Functional Domains of ZFP809 Essential for Nuclear Localization and Gene Silencing. PLoS ONE, 2015, 10, e0139274.	2.5	5
36	Mebamamides A and B, Cyclic Lipopeptides Isolated from the Green Alga Derbesia marina. Journal of Natural Products, 2015, 78, 901-908.	3.0	14

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37	Imbalance in Fatty-Acid-Chain Length of Gangliosides Triggers Alzheimer Amyloid Deposition in the Precuneus. PLoS ONE, 2015, 10, e0121356.	2.5	35
38	Synthesis and Influenza Virus Inhibitory Activities of Carbosilane Dendrimers Peripherally Functionalized with Hemagglutinin-Binding Peptide. Journal of Medicinal Chemistry, 2014, 57, 8332-8339.	6.4	47
39	Three-dimensional culture using human plasma-medium gel with fragmin/protamine microparticles for proliferation of various human cells. Cytotechnology, 2014, 66, 791-802.	1.6	6
40	Effective expansion of human adipose-derived stromal cells and bone marrow-derived mesenchymal stem cells cultured on a fragmin/protamine nanoparticles-coated substratum with human platelet-rich plasma. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 955-964.	2.7	16
41	In vivo gene transfer using pDNA/chitosan/chondroitin sulfate ternary complexes: influence of chondroitin sulfate on the stability of freezeâ€dried complexes and transgene expression in vivo. Journal of Gene Medicine, 2013, 15, 83-92.	2.8	12
42	Involvement of Ext1 and heparanase in migration of mouse FBJ osteosarcoma cells. Molecular and Cellular Biochemistry, 2013, 373, 63-72.	3.1	10
43	Fragmin/protamine microparticles to adsorb and protect HGF and to function as local HGF carriers in vivo. Acta Biomaterialia, 2013, 9, 4763-4770.	8.3	17
44	Incorporation of glycosylated amino acid into protein by an in vitro translation system. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5634-5636.	2.2	8
45	Density of GM1 in Nanoclusters Is a Critical Factor in the Formation of a Spherical Assembly of Amyloid Î²-Protein on Synaptic Plasma Membranes. Langmuir, 2013, 29, 2258-2264.	3.5	36
46	Calcium Phosphate Mineralization Induced by Synthetic Peptides Having Different Distributions in Simulated Body Fluids. Chemistry Letters, 2012, 41, 588-590.	1.3	5
47	Three-Dimensional Expansion Using Plasma-Medium Gel with Fragmin/Protamine Nanoparticles and FGF-2 to Stimulate Adipose-Derived Stromal Cells and Bone Marrow-Derived Mesenchymal Stem Cells. BioResearch Open Access, 2012, 1, 314-323.	2.6	9
48	The effects of coating pDNA/chitosan complexes with chondroitin sulfate on physicochemical characteristics and cell transfection. Biomaterials, 2012, 33, 7251-7260.	11.4	45
49	Brain insulin resistance accelerates AÎ² fibrillogenesis by inducing GM1 ganglioside clustering in the presynaptic membranes. Journal of Neurochemistry, 2012, 121, 619-628.	3.9	43
50	Calcium regulates caveolin-1 expression at the transcriptional level. Biochemical and Biophysical Research Communications, 2012, 426, 334-341.	2.1	16
51	Carbohydrate recognition by pentadecapeptide ligands for a series of sialylated oligosaccharides. Bioorganic and Medicinal Chemistry, 2012, 20, 6452-6458.	3.0	7
52	Glycosylation of NÎ±-lauryl-O-(Î²-d-xylopyranosyl)-l-serinamide as a saccharide primer in cells. Carbohydrate Research, 2012, 361, 33-40.	2.3	7
53	Intricate Recognition of Glycolipid-Like Compounds by HIV-1 Envelope Proteins Evaluated with Surface Plasmon Resonance Imaging. Journal of Carbohydrate Chemistry, 2012, 31, 584-592.	1.1	1
54	GM3 Upregulation of Matrix Metalloproteinase-9 Possibly Through PI3K, AKT, RICTOR, RHOGDI-2, and TNF-A Pathways in Mouse Melanoma B16 Cells. Advances in Experimental Medicine and Biology, 2011, 705, 335-348.	1.6	5

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55	Ganglioside GD1a negatively regulates hepatocyte growth factor expression through caveolin-1 at the transcriptional level in murine osteosarcoma cells. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 759-768.	2.4	7
56	Physicochemical Properties of pDNA/Chitosan Complexes as Gene Delivery Systems. Current Drug Discovery Technologies, 2011, 8, 329-339.	1.2	3
57	GM3 suppresses anchorageâ€independent growth via Rho GDP dissociation inhibitor beta in melanoma B16 cells. Cancer Science, 2011, 102, 1476-1485.	3.9	7
58	Fragmin/Protamine Microparticles (F/P MPs) as Cell Carriers Enhance the Formation and Growth of Tumors In Vivo. Cellular and Molecular Bioengineering, 2011, 4, 476-483.	2.1	5
59	Selective Expansion of CD34+ Cells from Mouse Bone Marrow Cultured on LH/P MP-Coated Plates with Adequate Cytokines. Journal of Tissue Engineering, 2011, 2, 204173141142541.	5.5	4
60	Accelerated biosynthesis of neolacto-series glycosphingolipids in differentiated mouse embryonal carcinoma F9 cells detected by using dodecyl N-acetylglucosaminide as a saccharide primer. Journal of Biochemistry, 2011, 149, 321-330.	1.7	9
61	Sialic Acid-Mimic Peptides As Hemagglutinin Inhibitors for Anti-Influenza Therapy. Journal of Medicinal Chemistry, 2010, 53, 4441-4449.	6.4	101
62	Ganglioside GD1a Suppression of NOS2 Expression Via ERK1 Pathway in Mouse Osteosarcoma FBJ Cells. Journal of Cellular Biochemistry, 2010, 110, 1165-1174.	2.6	5
63	Encapsulation of glucose oxidase (GOD) in polyelectrolyte complexes of chitosanâ€"carrageenan. Reactive and Functional Polymers, 2010, 70, 19-27.	4.1	89
64	Neuroblastoma cells can be classified according to glycosphingolipid expression profiles identified by liquid chromatography-tandem mass spectrometry. International Journal of Oncology, 2010, 37, 1279-88.	3.3	4
65	Acrosome reaction-related steroidal saponin, Co-ARIS, from the starfish induces structural changes in microdomains. Developmental Biology, 2010, 347, 147-153.	2.0	18
66	Structural analysis of glycosphingolipid analogues obtained by the saccharide primer method using CEâ€ESIâ€MS. Electrophoresis, 2009, 30, 3519-3526.	2.4	12
67	5a-Carba-glycopyranoside primers: potential building blocks for biocombinatorial synthesis of glycosphingolipid analogues. Carbohydrate Research, 2009, 344, 2088-2092.	2.3	3
68	Observations of the distribution of GM3 in membrane microdomains by atomic force microscopy. Journal of Colloid and Interface Science, 2009, 337, 369-374.	9.4	16
69	Inhibition of Influenza Virus Infections by Sialylgalactose-Binding Peptides Selected from a Phage Library. Journal of Medicinal Chemistry, 2009, 52, 4247-4256.	6.4	65
70	Glycosylation of dodecyl 2-acetamido-2-deoxy-Î²-d-glucopyranoside and dodecyl Î²-d-galactopyranosyl-(1â†'4)-2-acetamido-2-deoxy-Î²-d-glucopyranoside as saccharide primers in cells. Carbohydrate Research, 2008, 343, 831-838.	2.3	15
71	Age-dependent high-density clustering of GM1 ganglioside at presynaptic neuritic terminals promotes amyloid Î²-protein fibrillogenesis. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2717-2726.	2.6	113
72	Ganglioside GD1a suppresses TNFÎ± expression via Pkn1 at the transcriptional level in mouse osteosarcoma-derived FBJ cells. Biochemical and Biophysical Research Communications, 2008, 371, 230-235.	2.1	14

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73	Selection of a Carbohydrate-Binding Domain with a Helixâˆ'Loopâˆ'Helix Structure. Biochemistry, 2008, 47, 6745-6751.	2.5	26
74	In Vitro Gene Delivery by pDNA/Chitosan Complexes Coated with Anionic PEG Derivatives that Have a Sugar Side Chain. Chemistry Letters, 2008, 37, 266-267.	1.3	13
75	Sugar Chain Synthesis by the Use of Cell Functions. , 2008, , 166-168.		1
76	Ganglioside GD1a Negatively Regulates Matrix Metalloproteinase-9 Expression in Mouse FBJ Cell Lines at the Transcriptional Level. Connective Tissue Research, 2007, 48, 198-205.	2.3	16
77	GM3 Signals Regulating TNF-Alpha Expression Are Mediated by Rictor and Arhgdib in Mouse Melanoma B16 Cells. Oncology, 2007, 73, 430-438.	1.9	19
78	Selective Precipitation of Salts on the Surface of a Gel State Phosphatidylcholine Membrane. Chemistry Letters, 2007, 36, 860-861.	1.3	0
79	Positive regulation of tumor necrosis factor-Î± by ganglioside GM3 through Akt in mouse melanoma B16 cells. Biochemical and Biophysical Research Communications, 2007, 356, 438-443.	2.1	14
80	Specific Binding of GM1-Binding Peptides to High-Density GM1 in Lipid Membranes. Langmuir, 2007, 23, 708-714.	3.5	22
81	Structural transition of a 15 amino acid residue peptide induced by GM1. Carbohydrate Research, 2007, 342, 1895-1903.	2.3	14
82	The distinction of underivatized monosaccharides using electrospray ionization ion trap mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 191-198.	1.5	46
83	Syntheses of Oligosaccharides Using Cell Function. Trends in Glycoscience and Glycotechnology, 2007, 19, 1-17.	0.1	28
84	Identification of Oligosaccharide-Recognition Molecules by Phage-Display Technology. Trends in Glycoscience and Glycotechnology, 2007, 19, 133-145.	0.1	0
85	Characterization of Protamine as a Transfection Accelerator for Gene Delivery. Journal of Bioactive and Compatible Polymers, 2006, 21, 519-537.	2.1	26
86	Lactosylated Chitosan for DNA Delivery into Hepatocytes:Â The Effect of Lactosylation on the Physicochemical Properties and Intracellular Trafficking of pDNA/Chitosan Complexes. Bioconjugate Chemistry, 2006, 17, 309-316.	3.6	113
87	Apparent suppression of MMP-9 activity by GD1a as determined by gelatin zymography. Biochemical and Biophysical Research Communications, 2006, 349, 426-431.	2.1	5
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89	Ganglioside GD1a regulation of caveolin-1 and Stim1 expression in mouse FBJ cells:Augmented expression of caveolin-1 and Stim1 in cells with increased GD1a content. Glycoconjugate Journal, 2006, 23, 303-315.	2.7	25
90	Gene Transfer by DNA/mannosylated Chitosan Complexes into Mouse Peritoneal Macrophages. Biotechnology Letters, 2006, 28, 815-821.	2.2	67

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91	Hyaluronic acid and its derivative as a multi-functional gene expression enhancer: Protection from non-specific interactions, adhesion to targeted cells, and transcriptional activation. Journal of Controlled Release, 2006, 112, 382-388.	9.9	142
92	Cellular Uptake and Saccharide Chain Elongation of â€œFluoro-amphiphilicâ€•Glycosides. Chemistry Letters, 2005, 34, 856-857.	1.3	15
93	Efficient Sialylation on Azidododecyl Lactosides by Using B16 Melanoma Cells. Chemistry and Biodiversity, 2005, 2, 1063-1078.	2.1	19
94	Chitosan. , 2005, , 63-74.		1
95	Effect of Anomeric Linkage on the Sialylation of Glycosides by Cells. Journal of Carbohydrate Chemistry, 2005, 24, 705-715.	1.1	15
96	A Peptide Motif Recognizing a Polymer Stereoregularity. Journal of the American Chemical Society, 2005, 127, 13780-13781.	13.7	86
97	Fluorous-tagged compound: a viable scaffold to prime oligosaccharide synthesis by cellular enzymes. Biochemical and Biophysical Research Communications, 2004, 316, 599-604.	2.1	28
98	å‹•ç‰©ç´°èƒžã«ä½œã‚‰ã•ã‚ç³–ŽÃƒ©ã,ãƒ–ãƒ©ãƒªãƒ¼ã•ãƒ©ã,ã³ãƒŸã,¯ã,¹ã¸ã®å±•é–‹. Nippon Nogeikagakukai Kaishi, 2004, 78, 4		
99	Display of Azido Glycoside on a Sensor Chip. Chemistry Letters, 2004, 33, 580-581.	1.3	10
100	In Vitro Gene Delivery by Using Supramolecular Systems. , 2002, , 397-404.		1
101	Receptor-independent augmentation of adenovirus-mediated gene transfer with chitosan in vitro. Biomaterials, 2002, 23, 4573-4579.	11.4	40
102	Synthesis of an ether-linked alkyl 5a-carba-Î²-d-glucoside, a 5a-carba-Î²-d-galactoside, a 2-acetamido-2-deoxy-5a-carba-Î²-d-glucoside, and an alkyl 5aâ€²-carba-Î²-lactoside. Carbohydrate Research, 2002, 337, 1979-1992.	2.3	17
103	Molecular Tryst Peeping: Detection of Interactions between Nonlabeled Nucleic Acids by Fluorescence Resonance Energy Transfer. Biochemical and Biophysical Research Communications, 2001, 289, 1067-1074.	2.1	2
104	Mechanism of cell transfection with plasmid/chitosan complexes. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1514, 51-64.	2.6	298
105	In vitro gene delivery mediated by chitosan. Effect of pH, serum, and molecular mass of chitosan on the transfection efficiency. Biomaterials, 2001, 22, 2075-2080.	11.4	433
106	The Physicochemical Study on the Formation of Glycolipid Domain. Trends in Glycoscience and Glycotechnology, 2001, 13, 231-238.	0.1	1
107	Glycolipid Bioengineering. Oleoscience, 2001, 1, 627-634,597.	0.0	0
108	Facile Preparation of a Fluorescence-labeled Plasmid. Chemistry Letters, 2000, 29, 386-387.	1.3	26

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109	Azido glycoside primer: a versatile building block for the biocombinatorial synthesis of glycosphingolipid analogues. Carbohydrate Research, 2000, 329, 755-763.	2.3	54
110	Binding affinity of GM3 lactone for influenza virus. Glycoconjugate Journal, 1999, 16, 223-227.	2.7	15
111	Selection of ganglioside GM1-binding peptides by using a phage library. FEBS Letters, 1999, 456, 253-256.	2.8	59
112	Morphology and proliferation of B16 melanoma cells in the presence of lanthanoid and Al3+ ions. BioMetals, 1998, 11, 107-112.	4.1	38
113	Quantitative measurements of the interaction between monosialoganglioside monolayers and wheat germ agglutinin (WGA) by a quartz-crystal microbalance. Biochimica Et Biophysica Acta - General Subjects, 1998, 1380, 82-92.	2.4	40
114	Characterization, cell uptake, and subcellular distribution of DNA complexes with lipoglutamides having tetraethylene glycol tails. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 31-42.	3.5	5
115	Selective Bindings of a Lectin for Phase-separated Glycolipid Monolayers. Chemistry Letters, 1998, 27, 399-400.	1.3	12
116	Surface and Interface-New Functions of Biorelated Polymers I. Cell Uptake and Transfection Efficiency of DNA/Glycolipid Complexes.. Kobunshi Ronbunshu, 1998, 55, 217-224.	0.2	1
117	Observation of subcellular distribution of antisense oligonucleotide/lipid complexes by confocal laser scanning microscope.. Drug Delivery System, 1998, 13, 359-364.	0.0	1
118	Use of PubMed Web Page and Creation of Database Using EndNote.. Trends in Glycoscience and Glycotechnology, 1998, 10, 405-413.	0.1	0
119	Binding Affinity of GM3 Lactone to Wheat Germ Agglutinin. Chemistry Letters, 1997, 26, 669-670.	1.3	6
120	Binding of influenza A virus to monosialoganglioside (GM3) reconstituted in glucosylceramide and sphingomyelin membranes. Biochimica Et Biophysica Acta - Biomembranes, 1996, 1285, 14-20.	2.6	65
121	Formation of a DNA/polygalactosamine Complex and Its Interaction with Cells. Chemistry Letters, 1996, 25, 725-726.	1.3	19
122	Preparation of a DNA Complex with Lipoglutamide Having Tetraethylene Glycol Tails, and Its Application to DNA Delivery into Tumor Cells. Bulletin of the Chemical Society of Japan, 1996, 69, 2335-2340.	3.2	6
123	The influence of serum for spreading of tumor cells on synthetic glycolipid films. Journal of Biomaterials Science, Polymer Edition, 1996, 7, 587-599.	3.5	1
124	Membrane Protein Transfer from Human Erythrocyte Ghosts to Liposomes Containing an Artificial Boundary Lipid.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1995, 71, 93-97.	3.8	12
125	Formation of a DNA Complex with Lipoglutamide Having Tetraethyleneglycol Tails and Its Interaction with a Tumor Cell. Chemistry Letters, 1995, 24, 755-756.	1.3	3
126	Preparation and Characterization of DNAâ€"Lipoglutamate Complexes. Bulletin of the Chemical Society of Japan, 1995, 68, 2709-2715.	3.2	33

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127	Cell uptake of albumin with synthetic glycolipid.. Drug Delivery System, 1995, 10, 199-200.	0.0	2
128	Physicochemical Perturbation ofÎ±-Linolenic Acid Related to Cell Proliferation. Bulletin of the Chemical Society of Japan, 1994, 67, 2213-2218.	3.2	6
129	Anticancer Activity of Polyunsaturated Fatty Acid Emulsion Stabilized by Hydrophobized Polysaccharide. Journal of Bioactive and Compatible Polymers, 1993, 8, 305-316.	2.1	8
130	Direct Transfer of Membrane Proteins from B16 Melanoma Cell to Artificial Cell Liposome.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1992, 68, 69-74.	3.8	9
131	O/W-Emulsion as Formed by Cholesterol-Bearing Pullulan.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1992, 1992, 186-190.	0.1	1
132	Polysaccharide-Coated Liposomal Amphotericin B for the Treatment of Murine Pulmonary Candidiasis.. Tohoku Journal of Experimental Medicine, 1992, 168, 483-490.	1.2	13
133	Naturally occurring polysaccharide derivatives which behave as an artificial cell wall on an artificial cell liposome. Macromolecules, 1992, 25, 5665-5670.	4.8	70
134	Recent aspects in the use of liposomes in biotechnology and medicine. Progress in Lipid Research, 1992, 31, 345-372.	11.6	86
135	Development of liposome for targeting therapy against brain tumor.. Drug Delivery System, 1992, 7, 109-114.	0.0	1
136	Damage of Egg Phosphatidylcholine Liposomes by DNA-Binding Cytotoxic Agents. Bulletin of the Chemical Society of Japan, 1991, 64, 1364-1369.	3.2	1
137	Induction ofin vitro andin vivo anti-tumor responses by sensitization of mice with liposomes containing a crude butanol extract of leukemia cells and transferred inter-membranously with cell-surface proteins. International Journal of Cancer, 1991, 48, 434-442.	5.1	27
138	Cell Specificity of Polysaccharide Derivatives on Liposomal Surface. Chemistry Letters, 1990, 19, 473-476.	1.3	15
139	Targeting chemotherapy of brain tumor using liposome-encapsulated cisplatin. Part 2. Pullulancoated liposomes to target brain tumor.. Drug Delivery System, 1990, 5, 261-265.	0.0	11
140	Effective Transfer of Membrane Proteins from Intact Cells to Liposomes and Preparation of Liposomal Vaccines. Annals of the New York Academy of Sciences, 1990, 613, 116-127.	3.8	6
141	Synthesis and characterization of 1,2-dimyristoylamido-1,2-deoxyphosphatidylcholine as an artificial boundary lipid. Biochimica Et Biophysica Acta - Biomembranes, 1990, 1024, 209-219.	2.6	40
142	Targeting chemotherapy of brain tumor using liposome-encapsulated cisplatin. Part 1. Substances associated with liposomes to target brain tumor.. Drug Delivery System, 1990, 5, 83-87.	0.0	0
143	Potent Immunomodulating Activities of Polyvinyladenine and (Vinyladenine-Alt-Maleic Acid) Copolymer. Journal of Bioactive and Compatible Polymers, 1989, 4, 124-136.	2.1	28
144	Physicochemical Stabilization of Lipid Microspheres by Coating with Polysaccharide Derivatives. Bulletin of the Chemical Society of Japan, 1989, 62, 791-796.	3.2	19

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145	Development of cell-specific liposome and its application in biotechnology.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1989, 1989, 161-173.	0.1	4
146	Cell targetability of liposomes bearing molecular recognition site.. Drug Delivery System, 1989, 4, 7-11.	0.0	1
147	Targeting Cancer therapy in Mice by Use of Newly Developed Immunoliposomes Bearing Adriamycin. Journal of Liposome Research, 1988, 1, 15-33.	3.3	13
148	Polysaccharide-Coated Liposome with Antimicrobial Agents Against Intracytoplasmic Pathogen and Fungus. Journal of Bioactive and Compatible Polymers, 1988, 3, 137-147.	2.1	13
149	Polysaccharide-Coated Immunoliposomes Bearing Anti-CEA Fab' Fragment and Their Internalization by CEA-Producing Tumor Cells. Journal of Bioactive and Compatible Polymers, 1988, 3, 195-204.	2.1	10
150	Molecular Recogniton of Polysaccharide-Coated Liposomes. Importance of Sialic Acid Moiety on Liposomal Surface. Chemistry Letters, 1988, 17, 1781-1784.	1.3	14
151	Specific Rejection of Glycophorin-Reconstituted Liposomes by Human Phagocytes. Chemistry Letters, 1987, 16, 1935-1938.	1.3	11
152	Lectin-induced aggregation of glycophorin-reconstituted liposomes.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1987, 1987, 569-574.	0.1	5
153	A newly developed immunoliposome â€" an egg phosphatidylcholine liposome coated with pullulan bearing both a cholesterol moiety and an IgMs fragment. Biochimica Et Biophysica Acta - Biomembranes, 1987, 898, 323-330.	2.6	86
154	Macrophage Activation by Poly(maleic acid-alt-2-cyclohexyl-1,3-dioxap-5-ene) Encapsulated in Polysaccharide-Coated Liposomes. Journal of Bioactive and Compatible Polymers, 1986, 1, 448-460.	2.1	34
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