

Toshimi Shimizu

List of Publications by Year in descending order

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243
papers

11,173
citations

24978
57
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35952
97
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250
all docs

250
docs citations

250
times ranked

7474
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid Nanotubes. Nanostructure Science and Technology, 2021, , 59-95.	0.1	0
2	Peptide-Based Nanotubes. Nanostructure Science and Technology, 2021, , 175-202.	0.1	0
3	Bolaamphiphile-Based Nanotubes. Nanostructure Science and Technology, 2021, , 97-149.	0.1	0
4	Rigidâ€Flexible Block Molecule-Based Nanotubes. Nanostructure Science and Technology, 2021, , 291-352.	0.1	0
5	General Remarks of Soft-Matter Nanotubes. Nanostructure Science and Technology, 2021, , 1-58.	0.1	1
6	Protein-Based Nanotubes. Nanostructure Science and Technology, 2021, , 241-263.	0.1	0
7	Soft-Matter Nanotubes: A Platform for Diverse Functions and Applications. Chemical Reviews, 2020, 120, 2347-2407.	23.0	147
8	Observing the Kinetic Pathway of Nanotube Formation from Bolaamphiphiles by Time-Resolved Small-Angle X-ray Scattering. Journal of Physical Chemistry B, 2019, 123, 4340-4345.	1.2	9
9	Encapsulation of Albumin in Organic Nanotube Channel: Structural Investigation by Small-Angle X-ray Scattering. ACS Applied Bio Materials, 2019, 2, 1652-1659.	2.3	9
10	Bioreactors Based on Enzymes Encapsulated in Photoresponsive Transformable Nanotubes and Nanocoils Endâ€Capped with Magnetic Nanoparticles. Advanced Biology, 2018, 2, 1700214.	3.0	12
11	Self-Assembly of Discrete Organic Nanotubes. Bulletin of the Chemical Society of Japan, 2018, 91, 623-668.	2.0	91
12	Cross-sectional structures of a molecular monolayer nanotube explored with SAXS: evidence for the parallel orientation of the headgroups in asymmetric bolaamphiphiles. Physical Chemistry Chemical Physics, 2017, 19, 24445-24447.	1.3	13
13	Lipid Nanotube Tailored Fabrication of Uniquely Shaped Polydopamine Nanofibers as Photothermal Converters. Chemistry - A European Journal, 2016, 22, 4345-4350.	1.7	34
14	Effect of Photoinduced Size Changes on Protein Refolding and Transport Abilities of Soft Nanotubes. Chemistry - A European Journal, 2016, 22, 7198-7205.	1.7	20
15	Molecular-Level Understanding of the Encapsulation and Dissolution of Poorly Water-Soluble Ibuprofen by Functionalized Organic Nanotubes Using Solid-State NMR Spectroscopy. Journal of Physical Chemistry B, 2016, 120, 4496-4507.	1.2	26
16	Supramolecular Self-Assembly into Biofunctional Soft Nanotubes: From Bilayers to Monolayers. Langmuir, 2016, 32, 12242-12264.	1.6	69
17	Quantitative analyses of PEGylated phospholipids adsorbed on single walled carbon nanohorns by high resolution magic angle spinning 1H NMR. Carbon, 2016, 101, 213-217.	5.4	12
18	Soft nanotubes acting as confinement effecters and chirality inducers for achiral polythiophenes. Chemical Communications, 2016, 52, 1346-1349.	2.2	26

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19	Qualitative/chiral sensing of amino acids by naked-eye fluorescence change based on morphological transformation and hierarchizing in supramolecular assemblies of pyrene-conjugated glycolipids. <i>Chemical Communications</i> , 2015, 51, 11104-11107.	2.2	43
20	Spontaneous Nematic Alignment of a Lipid Nanotube in Aqueous Solutions. <i>Langmuir</i> , 2015, 31, 1150-1154.	1.6	14
21	Photoinduced Morphological Transformations of Soft Nanotubes. <i>Chemistry - A European Journal</i> , 2015, 21, 8832-8839.	1.7	36
22	Two-step naked-eye detection of lectin by hierarchical organization of soft nanotubes into liquid crystal and gel phases. <i>Chemical Communications</i> , 2015, 51, 6816-6819.	2.2	20
23	Effects of PEGylation on the physicochemical properties and in vivo distribution of organic nanotubes. <i>International Journal of Nanomedicine</i> , 2014, 9, 5811.	3.3	20
24	Boroxine Nanotubes: Moisture Sensitive Morphological Transformation and Guest Release. <i>Advanced Functional Materials</i> , 2014, 24, 603-609.	7.8	22
25	Encapsulation of poorly water-soluble drugs into organic nanotubes for improving drug dissolution. <i>International Journal of Pharmaceutics</i> , 2014, 469, 190-196.	2.6	24
26	Self-organized nanotube materials and their application in bioengineering. <i>Polymer Journal</i> , 2014, 46, 831-858.	1.3	80
27	Biologically responsive, sustainable release from metallo-drug coordinated 1D nanostructures. <i>Journal of Materials Chemistry B</i> , 2013, 1, 276-283.	2.9	26
28	Soft Nanotubes with a Hydrophobic Channel Hybridized with Au Nanoparticles: Photothermal Dispersion/Aggregation Control of C60 in Water. <i>Advanced Functional Materials</i> , 2013, 23, 1677-1683.	7.8	31
29	A hydro/organo/hybrid gelator: A peptide lipid with turning aspartame head groups. <i>Journal of Colloid and Interface Science</i> , 2013, 395, 154-160.	5.0	19
30	Control of Self-assembled Morphology and Molecular Packing of Asymmetric Glycolipids by Association/Dissociation with Poly(thiopheneboronic acid). <i>Langmuir</i> , 2013, 29, 13291-13298.	1.6	18
31	Electric moulding of dispersed lipid nanotubes into a nanofluidic device. <i>Scientific Reports</i> , 2013, 3, 2165.	1.6	15
32	Higher lung accumulation of intravenously injected organic nanotubes. <i>International Journal of Nanomedicine</i> , 2013, 8, 315.	3.3	13
33	Supramolecular nanofiber formation from commercially available arginine and a bola-type diacetylenic diacid via hydrogelation. <i>Polymer Journal</i> , 2012, 44, 646-650.	1.3	13
34	Cisplatin-encapsulated organic nanotubes by endo-complexation in the hollow cylinder. <i>Chemical Communications</i> , 2012, 48, 8625.	2.2	29
35	Soft Nanotubes Acting as a Light-Harvesting Antenna System. <i>Chemistry of Materials</i> , 2012, 24, 209-214.	3.2	59
36	Hybrid Organic Nanotubes with Dual Functionalities Localized on Cylindrical Nanochannels Control the Release of Doxorubicin. <i>Advanced Healthcare Materials</i> , 2012, 1, 699-706.	3.9	30

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37	Solvent-chirality selective organogelation by chiral aspartame lipids. <i>Soft Matter</i> , 2012, 8, 11979.	1.2	18
38	Facile Fabrication and Magnetic Properties of a One-Dimensional Magnetite Peapod in a Lipid Nanotube. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2439-2444.	4.0	9
39	Soft Nanotube Hydrogels Functioning As Artificial Chaperones. <i>ACS Nano</i> , 2012, 6, 5249-5258.	7.3	74
40	Preparation of pH-sensitive lipid-modified magnetite nanoparticle dispersion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 395, 63-69.	2.3	6
41	Self-assembled organic nanotubes embedding hydrophobic molecules within solid bilayer membranes. <i>Soft Matter</i> , 2011, 7, 85-90.	1.2	23
42	Single bilayered organic nanotubes: anchors for production of a reusable catalyst with nickel ions. <i>Green Chemistry</i> , 2011, 13, 1138.	4.6	17
43	Self-Assembled Organic Nanotubes and Their Applications in Nano-Bio Fields. , 2011, , 31-74.		1
44	A Simple <i>N</i> -Acyl-L-amino Acid Constructed Metal-complexed Organic Nanotube Having an Inner Diameter below 10 nm. <i>Chemistry Letters</i> , 2011, 40, 218-220.	0.7	8
45	Functionalized organic nanotubes as tubular nonviral gene transfer vector. <i>Journal of Controlled Release</i> , 2011, 156, 70-75.	4.8	26
46	Organic nanotubes for drug loading and cellular delivery. <i>International Journal of Pharmaceutics</i> , 2011, 413, 271-278.	2.6	39
47	Buffers to suppress sodium dodecyl sulfate adsorption to polyethylene oxide for protein separation on capillary polymer electrophoresis. <i>Electrophoresis</i> , 2011, 32, 448-454.	1.3	4
48	Photoresponsive Soft Nanotubes for Controlled Guest Release. <i>Chemistry - A European Journal</i> , 2011, 17, 5251-5255.	1.7	45
49	Liquid-Phase Nanospace Science of Bionanotubes Consisting of Synthetic Lipid Membranes. <i>Kobunshi Ronbunshu</i> , 2010, 67, 560-573.	0.2	2
50	Semisolid Phase Synthesis of Metal-complexed Organic Nanotubes. <i>Chemistry Letters</i> , 2010, 39, 822-823.	0.7	19
51	Self-assembled organic nanotubes: Architectures and nano-bio functions. , 2010, , .		0
52	Confinement Effect of Organic Nanotubes Toward Green Fluorescent Protein (GFP) Depending on the Inner Diameter Size. <i>Chemistry - A European Journal</i> , 2010, 16, 4217-4223.	1.7	56
53	Diverse Morphologies of Self-Assemblies from Homoditopic 1,18-Nucleotide-Appended Bolaamphiphiles: Effects of Nucleobases and Complementary Oligonucleotides. <i>Small</i> , 2010, 6, 1131-1139.	5.2	22
54	One-dimensional hollow cylinder and three-dimensional meshworks of supramolecular nanotube hydrogels for fixation of proteins. , 2010, , .		0

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55	Copper(II)-coordinated organic nanotube: A novel heterogeneous catalyst for various oxidation reactions. <i>Catalysis Communications</i> , 2010, 12, 9-13.	1.6	26
56	Highly efficient production of various organic nanotubes with different surfaces and their application to an adsorbent. <i>Soft Matter</i> , 2010, 6, 4528.	1.2	30
57	Lipid Nanotube Encapsulating Method in Low-Energy Scanning Transmission Electron Microscopy Analyses. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 097001.	0.8	13
58	Antimicrobial Nanotubes Consisting of Ag-Embedded Peptidic Lipid-Bilayer Membranes as Delivery Vehicles. <i>Advanced Materials</i> , 2009, 21, 1742-1745.	11.1	41
59	Dynamic light-scattering measurement of sieving polymer solutions for protein separation on SDS CE. <i>Electrophoresis</i> , 2009, 30, 3607-3612.	1.3	18
60	Necklace-like Chains of Hybrid Nanospheres Consisting of Pd Nanocrystals and Peptidic Lipids. <i>Journal of the American Chemical Society</i> , 2009, 131, 2456-2457.	6.6	40
61	Measuring the Length Distribution of Self-Assembled Lipid Nanotubes by Orientation Control with a High-Frequency Alternating Current Electric Field in Aqueous Solutions. <i>Analytical Chemistry</i> , 2009, 81, 1459-1464.	3.2	15
62	Molecular Motion of Surface-Immobilized Double-Decker Phthalocyanine Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 17808-17813.	6.6	39
63	Supramolecular Nanotube Hydrogels: Remarkable Resistance Effect of Confined Proteins to Denaturants. <i>Chemistry of Materials</i> , 2009, 21, 5892-5898.	3.2	63
64	Gel-Flocculation Transition of a Supramolecular Hydrogel Induced by Depletion Effect of Polymers. <i>Chemistry Letters</i> , 2009, 38, 606-607.	0.7	3
65	Development of massive synthesis method of organic nanotube toward practical use. <i>Synthesiology</i> , 2009, 1, 169-176.	0.2	7
66	Nanoscale to Macroscale Investigation of the Frictional Properties of Physisorbed Layers of Self-Organized Phthalocyanine Derivatives. <i>Tribology Letters</i> , 2008, 31, 9-15.	1.2	6
67	Supramolecular Nanotube <i>endo</i> Sensing for a Guest Protein. <i>Small</i> , 2008, 4, 561-565.	5.2	51
68	Self-assembled organic nanotubes: Toward attoliter chemistry. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2601-2611.	2.5	68
69	Self-assembled helical ribbon and tubes of alanine-based amphiphiles induced by two different formation mechanisms. <i>Tetrahedron</i> , 2008, 64, 1301-1308.	1.0	23
70	Nanofiber formation from sequence-selective DNA-templated self-assembly of a thymidylic acid-appended bolaamphiphile. <i>Chemical Communications</i> , 2008, , 5770.	2.2	10
71	Controllable biomolecule release from self-assembled organic nanotubes with asymmetric surfaces: pH and temperature dependence. <i>Soft Matter</i> , 2008, 4, 1681.	1.2	63
72	Growth Process and Molecular Packing of a Self-assembled Lipid Nanotube: Phase-Contrast Transmission Electron Microscopy and XRD Analyses. <i>Langmuir</i> , 2008, 24, 709-713.	1.6	47

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73	Alkyl Chain Length Dependence of the Self-Organized Structure of Alkyl-Substituted Phthalocyanines. <i>Langmuir</i> , 2008, 24, 4708-4714.	1.6	43
74	One-Dimensional Confinement of CdS Nanodots and Subsequent Formation of CdS Nanowires by Using a Glycolipid Nanotube as a Ship-in-Bottle Scaffold. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18412-18416.	1.5	13
75	Lipid Nanotubes: A Unique Template To Create Diverse One-Dimensional Nanostructures. <i>Chemistry of Materials</i> , 2008, 20, 625-633.	3.2	129
76	Scanning Tunneling Microscopy Observation of Self-Assembled Monolayers of Strapped Porphyrins. <i>Langmuir</i> , 2008, 24, 12877-12882.	1.6	19
77	Lipid Nanotube Encapsulating Method for Two- and Three-Dimensional Transmission Electron Microscopy Analyses of Cage-Shaped Proteins. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 394-399.	0.8	14
78	Identification of Migration Forces in Organic Nanotube Nanopipette. , 2008, , .		0
79	Spout from Organic Nanotube Nanopipette by Electric Migration Forces. , 2008, , .		1
80	Molecular Self-Assembly into One-Dimensional Nanotube Architectures and Exploitation of Their Functions. <i>Bulletin of the Chemical Society of Japan</i> , 2008, 81, 1554-1566.	2.0	57
81	Nanopipette with a lipid nanotube as nanochannel. , 2007, , .		3
82	Spontaneous Self-Assembly, Functionalization, and Meso-Scale Host-Guest Science of Organic Nanotubes. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1061, 1.	0.1	0
83	Molecular Monolayer Nanotubes Having 7-9 nm Inner Diameters Covered with Different Inner and Outer Surfaces. <i>Chemistry Letters</i> , 2007, 36, 896-897.	0.7	35
84	Formation of Self-Assembled Glycolipid Nanotubes with Bilayer Sheets. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 960-964.	0.9	17
85	Functionalizable Organic Nanochannels Based on Lipid Nanotubes: Encapsulation and Nanofluidic Behavior of Biomacromolecules. <i>Chemistry of Materials</i> , 2007, 19, 3553-3560.	3.2	110
86	Effects of oligoDNA template length and sequence on binary self-assembly of a nucleotide bolaamphiphile. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3450.	1.5	16
87	Regulation of Silica Nanotube Diameters: Sol-Gel Transcription Using Solvent-Sensitive Morphological Change of Peptidic Lipid Nanotubes as Templates. <i>Chemistry of Materials</i> , 2007, 19, 1329-1334.	3.2	53
88	3D Manipulation of lipid nanotubes using laser trapped functional gel microbeads. , 2007, , .		9
89	Self-Assembly and Thermal Phase Transition Behavior of Unsymmetrical Bolaamphiphiles Having Glucose- and Amino-Hydrophilic Headgroups. <i>Langmuir</i> , 2007, 23, 4634-4641.	1.6	88
90	Instant Preparation of Self-Assembled Metal-Complexed Lipid Nanotubes That Act as Templates to Produce Metal-Oxide Nanotubes. <i>Advanced Materials</i> , 2007, 19, 242-246.	11.1	67

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91	Fluorescent Nanotubes Consisting of CdS-Embedded Bilayer Membranes of a Peptide Lipid. <i>Advanced Materials</i> , 2007, 19, 1055-1058.	11.1	40
92	Aligned Nanocables: Controlled Sheathing of CuO Nanowires by a Self-Assembled Tubular Glycolipid. <i>Advanced Materials</i> , 2007, 19, 4194-4197.	11.1	23
93	Transition Metal(II)-Salen and -Salophen Macrocyclic Complexes for Rotaxane Formation: Syntheses and Crystal Structures. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4229-4237.	1.0	27
94	Stabilization of an asymmetric bolaamphiphilic sugar-based crown ether hydrogel by hydrogen bonding interaction and its sol-gel transcription. <i>Tetrahedron</i> , 2007, 63, 7449-7456.	1.0	32
95	Phase behavior and spherical hollow particle formation by dipeptide-based two-headed amphiphiles in a mixed solvent of dimethyl sulfoxide and water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 297, 191-197.	2.3	6
96	DNA detection system using molecularly imprinted polymer as the gel matrix in electrophoresis. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1974-1981.	5.3	37
97	3D Manipulation of Lipid Nanotubes with Functional Gel Microbeads. <i>Journal of Robotics and Mechatronics</i> , 2007, 19, 198-204.	0.5	3
98	Development of Novel Nanopipette with a Lipid Nanotube as Nanochannel. <i>Journal of Robotics and Mechatronics</i> , 2007, 19, 528-534.	0.5	31
99	Elastic precursor of the transformation from glycolipid nanotube to vesicle. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 3089-3096.	0.7	13
100	Hydrogel behavior of a sugar-based gelator by introduction of an unsaturated moiety as a hydrophobic group. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2033.	1.5	42
101	Synthesis of a [2]Rotaxane Incorporating a Ni(II)-Salen Moiety: Evidence of Ring-Opening-and-Closing Protocol. <i>Organic Letters</i> , 2006, 8, 2341-2344.	2.4	22
102	Local and Network Structure of Thermoreversible Polyrotaxane Hydrogels Based on Poly(ethylene Terephthalate) Overlaid with a Hydrogel. <i>Journal of Polymer Science Part A: Polymer Chemistry</i> , 2006, 44, 1128-1139.	1.2	89
103	Molecular-Level Helical Stack of a Nucleotide-Appended Oligo(p-phenylenevinylene) Directed by Supramolecular Self-Assembly with a Complementary Oligonucleotide as a Template. <i>Journal of the American Chemical Society</i> , 2006, 128, 13298-13304.	6.6	144
104	Helical Arrays of CdS Nanoparticles Tracing on a Functionalized Chiral Template of Glycolipid Nanotubes. <i>Chemistry of Materials</i> , 2006, 18, 403-406.	3.2	65
105	Dimension Control of Glycolipid Nanotubes by Successive Use of Vesicle Extrusion and Porous Template. <i>Chemistry of Materials</i> , 2006, 18, 1577-1580.	3.2	20
106	Confined Sol-Gel Reaction Using a Neutral Glycolipid Nanotube as a Template: Aqueous Fabrication of Titania Rod Structures. <i>Chemistry Letters</i> , 2006, 35, 394-395.	0.7	7
107	Alignment of Glycolipid Nanotubes on a Planar Glass Substrate Using a Two-Step Microextrusion Technique. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 1464-1466.	0.9	14
108	Self-assembled lipid nanotube hosts: The dimension control for encapsulation of nanometer-scale guest substances. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5137-5152.	2.5	63

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109	Detection of a specific DNA sequence by electrophoresis through a molecularly imprinted polymer. <i>Biomaterials</i> , 2006, 27, 4177-4182.	5.7	43
110	Reversible Photochemical Conversion of Helicity in Self-Assembled Nanofibers from a 1,5-Di-thymidylic Acid Appended Bolaamphiphile. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4601-4604.	7.2	68
111	Supramolecular Nanotube Hosts for Encapsulation of 10-nm-Scale Objects. <i>Materials Research Society Symposia Proceedings</i> , 2006, 922, 1.	0.1	1
112	Fabrication of Inorganic Tubular Structures Using a Lipid Nanotube as a Template in Aqueous Solutions. <i>Materials Research Society Symposia Proceedings</i> , 2006, 922, 1.	0.1	0
113	FT-IR Study of the Interlamellar Water Confined in Glycolipid Nanotube Walls. <i>Langmuir</i> , 2005, 21, 4610-4614.	1.6	32
114	Encapsulation of Ferritin within a Hollow Cylinder of Glycolipid Nanotubes. <i>Chemistry Letters</i> , 2005, 34, 232-233.	0.7	42
115	Ultrastable Steroidal Nanotube Formed in Organic Solvents. <i>Chemistry Letters</i> , 2005, 34, 532-533.	0.7	2
116	Polymorphism of monolayer lipid membrane structures made from unsymmetrical bolaamphiphiles. <i>Carbohydrate Research</i> , 2005, 340, 2502-2509.	1.1	35
117	Selective Construction of Supramolecular Nanotube Hosts with Cationic Inner Surfaces. <i>Advanced Materials</i> , 2005, 17, 2732-2736.	11.1	79
118	Self-Assembling Structures of Long-Chain Sugar-Based Amphiphiles Influenced by the Introduction of Double Bonds. <i>Chemistry - A European Journal</i> , 2005, 11, 5538-5544.	1.7	51
119	Synthesis of Alkyl-Substituted, Strapped Porphyrin to Prepare Stable Alkyl-Chain-Assisted Self-Assembled Monolayers of Porphyrin Conjugates. <i>ChemInform</i> , 2005, 36, no.	0.1	0
120	Supramolecular Nanotube Architectures Based on Amphiphilic Molecules. <i>ChemInform</i> , 2005, 36, no.	0.1	3
121	Alkyl-Chain-Length Dependence of Frictional Properties of Alkyl-Substituted Phthalocyanines Physisorbed on Graphite Surfaces. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 5403-5408.	0.8	5
122	Self-assembling structures of steroidal derivatives in organic solvents and their sol-gel transcription into double-walled transition-metal oxide nanotubes. <i>Journal of Materials Chemistry</i> , 2005, 15, 3979.	6.7	64
123	Self-assembly of glycolipids on silica nanotube templates yielding hybrid nanotubes with concentric organic and inorganic layers. <i>Journal of Materials Chemistry</i> , 2005, 15, 743.	6.7	42
124	Chemical synthesis of transition metal oxide nanotubes in water using an iced lipid nanotube as a template. <i>Chemical Communications</i> , 2005, , 4411.	2.2	40
125	Local Environment and Property of Water inside the Hollow Cylinder of a Lipid Nanotube. <i>Langmuir</i> , 2005, 21, 721-727.	1.6	67
126	Molecular Structure of Glucopyranosylamide Lipid and Nanotube Morphology. <i>Langmuir</i> , 2005, 21, 743-750.	1.6	93

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127	Supramolecular Nanotube Architectures Based on Amphiphilic Molecules. <i>Chemical Reviews</i> , 2005, 105, 1401-1444.	23.0	1,398
128	Direct Sol-gel Replication without Catalyst in an Aqueous Gel System: From a Lipid Nanotube with a Single Bilayer Wall to a Uniform Silica Hollow Cylinder with an Ultrathin Wall. <i>Chemistry of Materials</i> , 2004, 16, 250-254.	3.2	73
129	Metal-complexed nanofiber formation in water from dicarboxylic valylvaline bolaamphiphiles. <i>Journal of Colloid and Interface Science</i> , 2004, 273, 394-399.	5.0	20
130	Sodium chloride-induced self-assembly of microfibers from nanofiber components. <i>Journal of Colloid and Interface Science</i> , 2004, 277, 299-303.	5.0	6
131	Stable spherical hollow particles composed of bola-form amides via non-covalent interactions. <i>Journal of Materials Chemistry</i> , 2004, 14, 3532.	6.7	9
132	¹ H NMR analysis of porphyrin-stoppered rotaxanes: effect of the porphyrin substituents on the macrocycle. Electronic supplementary information (ESI) available: chemical shift data. See http://www.rsc.org/suppdata/nj/b4/b403707c/ . <i>New Journal of Chemistry</i> , 2004, 28, 870.	1.4	15
133	Synthesis and characterisation of macrocyclic palladium(ii)-sodium(i) complexes: generation of an unusual metal-mediated electron delocalisation. <i>Dalton Transactions</i> , 2004, , 1513-1515.	1.6	19
134	Confined organization of Au nanocrystals in glycolipid nanotube hollow cylinders. <i>Chemical Communications</i> , 2004, , 500-501.	2.2	57
135	Unsaturation Effect on Gelation Behavior of Aryl Glycolipids. <i>Langmuir</i> , 2004, 20, 2060-2065.	1.6	86
136	Glycolipid Nanotube Hollow Cylinders as Substrates: Fabrication of One-Dimensional Metallic Organic Nanocomposites and Metal Nanowires. <i>Chemistry of Materials</i> , 2004, 16, 2826-2831.	3.2	94
137	Lipid Nanotubes and Microtubes: Experimental Evidence for Unsymmetrical Monolayer Membrane Formation from Unsymmetrical Bolaamphiphiles. <i>Langmuir</i> , 2004, 20, 5969-5977.	1.6	156
138	Threading-Followed-by-Shrinking Protocol for the Synthesis of a [2]Rotaxane Incorporating a Pd(II)-Salophen Moiety. <i>Journal of the American Chemical Society</i> , 2004, 126, 16740-16741.	6.6	95
139	STM Observation of Alkyl-Chain-Assisted Self-Assembled Monolayers of Pyridine-Coordinated Porphyrin Rhodium Chlorides. <i>Langmuir</i> , 2004, 20, 5454-5459.	1.6	71
140	Synthesis of Alkyl-substituted, Strapped Porphyrin to Prepare Stable Alkyl-chain-assisted Self-assembled Monolayers of Porphyrin Conjugates. <i>Chemistry Letters</i> , 2004, 33, 1418-1419.	0.7	13
141	Controlling Wall Thickness of Silica Nanotubes within 4-nm Precision. <i>Chemistry Letters</i> , 2004, 33, 504-505.	0.7	24
142	Templated Assembly of a Monolayer Consisting of a Coordination Nanobox at Air-Water Interface. <i>Chemistry Letters</i> , 2004, 33, 860-861.	0.7	6
143	Self-Assembly and Subsequent Accumulation of Lipid Nanotubes at Oil/Water Interfaces. <i>Analytical Sciences</i> , 2004, 20, 1549-1552.	0.8	3
144	Seikai-Kakou, 2004, 16, 749-753.	0.0	0

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145	NMR and X-ray Crystallographic Analysis of Thermodynamically Stable Tetraphenylporphyrin-Stoppered Rotaxanes. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3744-3751.	1.2	19
146	Hydrophilic Interface-Directed Self-Assembly of Bola-Form Amide into Hollow Spheres. <i>Advanced Materials</i> , 2003, 15, 1417-1420.	11.1	11
147	Aligning a Single-Lipid Nanotube with Moderate Stiffness. <i>Angewandte Chemie</i> , 2003, 115, 76-78.	1.6	8
148	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1039-1042.	1.6	34
149	Bottom-up Synthesis and Morphological Control of High-Axial-Ratio Nanostructures Through Molecular Self-Assembly. <i>ChemInform</i> , 2003, 34, no.	0.1	0
150	Creation of Double Silica Nanotubes by Using Crown-Appended Cholesterol Nanotubes. <i>Chemistry - A European Journal</i> , 2003, 9, 5307-5313.	1.7	100
151	Aligning a Single-Lipid Nanotube with Moderate Stiffness. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 72-74.	7.2	86
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