

Seiji Shinkai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

693
papers

41,515
citations

102
h-index

170
g-index

700
ext. papers

42,775
ext. citations

5.8
avg. IF

7.26
L-index

#	Paper	IF	Citations
693	Universal Glucose-based Low-molecular-weight Gelators for Both Organic and Aqueous Solvents. <i>Chemistry Letters</i> , 2020 , 49, 156-159	1.7	5
692	Amylose-grafted Curdlan: A New Class of Semi-artificial Branched Polysaccharides for Hierarchical Polymeric Superstructures Created by the Action of "Orthogonal" Binding Sites. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2102-2107	4.5	
691	"Dynamic" molecular recognition and chirality segregation utilizing concepts of molecular machines and molecular assemblies. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2019 , 95, 590-601	4	4
690	Design of a Hypersensitive pH-Sensory System Created by a Combination of Charge Neutralization and Aggregation-Induced Emission (AIE). <i>Chemistry - A European Journal</i> , 2017 , 23, 17663-17666	4.8	12
689	Dynamic Control of Recognition Processes in Host-Guest Systems and Polymer-Polymer Interactions 2016 , 346-359		
688	Ratiometric Sensing of d-Glucose in a Combined Approach of Aggregation-induced Emission (AIE) and Dynamic Covalent Bond Formation. <i>Chemistry Letters</i> , 2016 , 45, 702-704	1.7	11
687	Rational Synthesis of 2D Polymers Towards Designer Nanosheets. <i>Kobunshi Ronbunshu</i> , 2016 , 73, 42-54	0	6
686	Amplified fluorescence emission of bolaamphiphilic perylene-azacrown ether derivatives directed towards molecular recognition events. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 13239-45	3.6	5
685	Supramolecular assembly of achiral alkynylplatinum(II) complexes and carboxylic β ,1,3-glucan into different helical handedness stabilized by Pt-Pt and/or π - π interactions. <i>Chemistry - A European Journal</i> , 2015 , 21, 5447-58	4.8	19
684	Environment-induced Sequential Interconversion of Amphoteric β ,1,3-Glucans/Polythiophene Complexes: A Unique System Applicable to a Naked-eye Detectable Fluorogenic pH Probe. <i>Chemistry Letters</i> , 2015 , 44, 1667-1669	1.7	6
683	One-pot Optical Sensing of Keto Acids through the Combination of the Oxime-click Reaction and Aggregation-induced Emission (AIE). <i>Chemistry Letters</i> , 2015 , 44, 812-814	1.7	5
682	Mild One-Step Synthesis of 4,6-Benzylidene-glycopyranosides from Aromatic Aldehydes and Gelation Abilities of the Glucose Derivatives. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 6439-6447	2.2	12
681	Molecular recognition directed supramolecular control over perylene-bisimide aggregation resulting in aggregation induced enhanced emission (AIEE) and induced chiral amplification. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2310-2318	7.1	16
680	Giant amino acids designed on the polysaccharide scaffold and their protein-like structural interconversion. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 815-22	3.9	17
679	Geometric change of a thiacalix[4]arene supramolecular gel with volatile gases and its chromogenic detection for rapid analysis. <i>Inorganic Chemistry</i> , 2014 , 53, 3004-11	5.1	18
678	Structural optimization of super-gelators derived from naturally-occurring mannose and their morphological diversity. <i>RSC Advances</i> , 2014 , 4, 25940-25947	3.7	17
677	Cyclization-induced turn-on fluorescence system applicable to dicarboxylate sensing. <i>Chemistry - A European Journal</i> , 2014 , 20, 381-4	4.8	52

676	A Rubber Elastic Low-molecular-weight Organogel. <i>Chemistry Letters</i> , 2014 , 43, 1330-1332	1.7	2
675	Creation of circularly polarized luminescence from an achiral polyfluorene derivative through complexation with helix-forming polysaccharides: importance of the meta-linkage chain for helix formation. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 218-22	4.5	63
674	Stimuli-Responsive Folding and Unfolding of a Polymer Bearing Multiple Cerium(IV) Bis(porphyrinate) Joints: Mechano-imitation of the Action of a Folding Ruler. <i>Angewandte Chemie</i> , 2013 , 125, 415-418	3.6	8
673	Stimuli-responsive folding and unfolding of a polymer bearing multiple cerium(IV) bis(porphyrinate) joints: mechano-imitation of the action of a folding ruler. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 397-400	16.4	24
672	Selective detection of NADPH among four pyridine-nucleotide cofactors by a fluorescent probe based on aggregation-induced emission. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 779-84	4.8	28
671	Controlled supramolecular assembly of helical silica nanotube-graphene hybrids for chiral transcription and separation. <i>ACS Nano</i> , 2013 , 7, 2595-601	16.7	43
670	Dye-sensitised preparation of chiral plasmonic Ag nanoparticles on helical polysaccharides. <i>Supramolecular Chemistry</i> , 2013 , 25, 748-755	1.8	3
669	Supramolecular dye inclusion single crystals created from 2,3,6-trimethyl- β -cyclodextrin and porphyrins. <i>Chemistry - A European Journal</i> , 2012 , 18, 456-65	4.8	27
668	Creation of chiral thixotropic gels through a crown-ammonium interaction and their application to a memory-erasing recycle system. <i>Chemistry - A European Journal</i> , 2012 , 18, 2832-8	4.8	52
667	Stereochemistry-dependent, mechanoresponsive supramolecular host assemblies for fullerenes: a guest-induced enhancement of thixotropy. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2161-71	16.4	82
666	Supra-Macromolecular Chemistry: Toward Design of New Organic Materials from Supramolecular Standpoints 2012 , 51-70		
665	Nonlinear fluorescence response driven by ATP-induced self-assembly of guanidinium-tethered tetraphenylethene. <i>Chemical Communications</i> , 2012 , 48, 8090-2	5.8	82
664	Unexpected chiral induction from achiral cationic polythiophene aggregates and its application to the sugar pattern recognition. <i>Chemical Communications</i> , 2012 , 48, 7091-3	5.8	20
663	Enantioselective recognition of dicarboxylic acid guests based on an allosteric effect of a chiral double-decker porphyrin which changes the stoichiometry upon the guest binding. <i>Supramolecular Chemistry</i> , 2011 , 23, 59-64	1.8	4
662	Hierarchical polymer assemblies constructed by the mutual template effect of cationic polymer complex and anionic supramolecular nanofiber. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 146-53	3.9	13
661	A pH-responsive carboxylic β -D-glucan polysaccharide for complexation with polymeric guests. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 4266-75	3.9	26
660	pH and Sugar Responsive Host Polymer Hydrogels Designed Based on Sugar and Boronic Acid Interaction. <i>Chemistry Letters</i> , 2011 , 40, 1303-1305	1.7	5
659	Photocontrollable Supramolecular Materials Formed by Cyclodextrins and Azobenzene Polymers. <i>Kobunshi Ronbunshu</i> , 2011 , 68, 669-678	0	3

658	Functionalized magnetic nanoparticles as chemosensors and adsorbents for toxic metal ions in environmental and biological fields. <i>Chemical Society Reviews</i> , 2011 , 40, 4464-74	58.5	236
657	What kind of "soft materials" can we design from molecular gels?. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 266-82	4.5	270
656	Mechanically Interlocked Porphyrin Gears Propagating Two Different Rotational Frequencies. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 1831-1836	3.2	19
655	Photochemically Controlled Supramolecular Curdlan/Single-Walled Carbon Nanotube Composite Gel: Preparation of Molecular Distaff by Cyclodextrin Modified Curdlan and Phase Transition Control. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 2801-2806	3.2	25
654	New strategy for controlling the oligothiophene aggregation mode utilizing the gel-to-sol phase transition induced by crown-alkali metal interactions. <i>Chemical Communications</i> , 2011 , 47, 3093-5	5.8	39
653	'Supramolecular wrapping chemistry' by helix-forming polysaccharides: a powerful strategy for generating diverse polymeric nano-architectures. <i>Chemical Communications</i> , 2011 , 47, 1961-75	5.8	92
652	Heat and light dual switching of a single-walled carbon nanotube/thermo-responsive helical polysaccharide complex: a new responsive system applicable to photodynamic therapy. <i>Chemical Communications</i> , 2011 , 47, 7065-7	5.8	25
651	Thiourea-tagged poly(octadecyl acrylate) gels as fluoride and acetate responsive polymer gels through selective complexation. <i>Chemical Communications</i> , 2011 , 47, 1571-3	5.8	26
650	Molecular rotation in self-assembled multidecker porphyrin complexes. <i>ACS Nano</i> , 2011 , 5, 9575-82	16.7	45
649	Facile fabrication of CD-active 1-D polypyrrole by the templating effect of a helix-forming anionic polysaccharide. <i>Supramolecular Chemistry</i> , 2011 , 23, 239-243	1.8	2
648	Creation of supramolecular assemblies from a dipolar dye molecule by the template effect of 1,3-glucan polysaccharide. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9022		14
647	A molecular template designed by the modification of a helix-forming β -1,3-glucan polysaccharide to fabricate one-dimensional nanostructures. <i>Langmuir</i> , 2010 , 26, 19100-5	4	11
646	Thermo- and solvent-responsive polymer complex created from supramolecular complexation between a helix-forming polysaccharide and a cationic polythiophene. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13928-35	16.4	75
645	Fabrication of silica nanotubes by using self-assembled gels and their applications in environmental and biological fields. <i>Chemical Society Reviews</i> , 2010 , 39, 4286-302	58.5	147
644	Transcription of chirality in the organogel systems dictates the enantiodifferentiating photodimerization of substituted anthracene. <i>Chemistry - A European Journal</i> , 2010 , 16, 3676-89	4.8	53
643	A bevel-gear-shaped rotor bearing a double-decker porphyrin complex. <i>Chemistry - A European Journal</i> , 2010 , 16, 8285-90	4.8	68
642	Regulation of a Real-Time Self-Healing Process in Organogel Tissues by Molecular Adhesives. <i>Angewandte Chemie</i> , 2010 , 122, 6482-6486	3.6	32
641	Photoswitchable Supramolecular Hydrogels Formed by Cyclodextrins and Azobenzene Polymers. <i>Angewandte Chemie</i> , 2010 , 122, 7623-7626	3.6	90

640	Regulation of a real-time self-healing process in organogel tissues by molecular adhesives. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6338-42	16.4	113
639	Photoswitchable supramolecular hydrogels formed by cyclodextrins and azobenzene polymers. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7461-4	16.4	369
638	Screening of arylboronic acids to search for a strong inhibitor for β -glutamyl transpeptidase (EGTP). <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 2010 , 115, 44-48		8
637	On the helical motif of the complexes created by association of helix-forming schizophyllan (SPG) and helix-forming polythiophene derivatives. <i>Chemistry - A European Journal</i> , 2009 , 15, 11221-8	4.8	17
636	"Supramolecular" amphiphiles created by wrapping poly(styrene) with the helix-forming beta-1,3-glucan polysaccharide. <i>Chemistry - A European Journal</i> , 2009 , 15, 12338-45	4.8	11
635	Supramolecular assemblies of polyaniline through cooperative bundling by a palladium-complex-appended synthetic cross-linker. <i>Chemistry - A European Journal</i> , 2009 , 15, 12627-35	4.8	12
634	A preliminary step toward molecular spring driven by cooperative guest binding. <i>Tetrahedron Letters</i> , 2009 , 50, 2006-2009	2	17
633	Octadecylsilyl silica column method for extraction of messenger RNA. <i>Analytical Biochemistry</i> , 2009 , 391, 72-3	3.1	1
632	Selective Deposition of Metal Complex Nanocrystals onto the Surfaces of Organic Single Crystals Bearing Pyridine Moieties. <i>Crystal Growth and Design</i> , 2009 , 9, 2751-2755	3.5	9
631	Control of polythiophene redox potentials based on supramolecular complexation with helical schizophyllan. <i>Chemical Communications</i> , 2009 , 6086-8	5.8	18
630	Studies on a new class of organogelator containing 2-anthracenecarboxylic acid: influence of gelator and solvent on stereochemistry of the photodimers. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4378-85	3.9	32
629	An organogel system can control the stereochemical course of anthracene photodimerization. <i>Chemical Communications</i> , 2009 , 2100-2	5.8	92
628	Circularly Polarized Luminescence from Supramolecular Chiral Complexes of Achiral Conjugated Polymers and a Neutral Polysaccharide. <i>Chemistry Letters</i> , 2009 , 38, 254-255	1.7	83
627	Alignment of Polysaccharide/WNT Composites by Metal-Ligand Interactions. <i>Chemistry Letters</i> , 2009 , 38, 812-813	1.7	5
626	Molecular dynamics studies of side chain effect on the beta-1,3-D-glucan triple helix in aqueous solution. <i>Biomacromolecules</i> , 2008 , 9, 783-8	6.9	59
625	Creation of polynucleotide-assisted molecular assemblies in organic solvents: general strategy toward the creation of artificial DNA-like nanoarchitectures. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 712-8	3.9	21
624	Metal ion induced allosteric transition in the catalytic activity of an artificial phosphodiesterase. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 493-9	3.9	26
623	Hierarchical carbon nanotube assemblies created by sugar-boric or boronic acid interactions. <i>Chemical Communications</i> , 2008 , 4478-80	5.8	26

622	Angle-controlled arrangement of single-walled carbon nanotubes solubilised by 8-quinolinol metal chelate derivatives on mica. <i>Chemical Communications</i> , 2008 , 1801-3	5.8	9
621	Discontinuous swelling behaviors of lipophilic polyelectrolyte gels in non-polar media. <i>Soft Matter</i> , 2008 , 4, 748-750	3.6	18
620	Self-Sorting Organogels with pπ Heterojunction Points. <i>Chemistry of Materials</i> , 2008 , 20, 2863-2865	9.6	155
619	Alternate layer-by-layer adsorption of single- and double-walled carbon nanotubes wrapped by functionalized beta-1,3-glucan polysaccharides. <i>Langmuir</i> , 2008 , 24, 13270-5	4	27
618	Self-Assembled Polysaccharide Nanotubes Generated from β1,3-Glucan Polysaccharides 2008 , 65-121		5
617	Immobilization of Polythiophene Chirality Induced by a Helix-Forming β1,3-Glucan Polysaccharide (Schizophyllan) through Sol-Gel Reaction. <i>Bulletin of the Chemical Society of Japan</i> , 2008 , 81, 1002-1006	5.1	7
616	Photoresponsive Fluorescence Color Change Derived from TICT in an Organogel System. <i>Chemistry Letters</i> , 2008 , 37, 912-913	1.7	12
615	Polysaccharide-templated twisted assemble of 2-anilinonaphthalene-6-sulfonic acid. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1440-1448	2.5	4
614	Creation of hierarchical carbon nanotube assemblies through alternative packing of complementary semi-artificial beta-1,3-glucan/carbon nanotube composites. <i>Chemistry - A European Journal</i> , 2008 , 14, 2398-404	4.8	48
613	Reversible solubilization and precipitation of carbon nanotubes through oxidation-reduction reactions of a solubilizing agent. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4577-80	16.4	42
612	Molecular Design of Superabsorbent Polymers for Organic Solvents by Crosslinked Lipophilic Polyelectrolytes. <i>Advanced Functional Materials</i> , 2008 , 18, 3936-3940	15.6	74
611	Reversible Solubilization and Precipitation of Carbon Nanotubes through Oxidation-Reduction Reactions of a Solubilizing Agent. <i>Angewandte Chemie</i> , 2008 , 120, 4653-4656	3.6	3
610	Boronic acids in molecular self-assembly. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 1076-91	4.5	199
609	Creation of 1D [60]fullerene superstructures and its polymerization by γ-ray irradiation. <i>Journal of Materials Chemistry</i> , 2007 , 17, 2454-2458		28
608	New approach to preparing one-dimensional Au nanowires utilizing a helical structure constructed by schizophyllan. <i>New Journal of Chemistry</i> , 2007 , 31, 618	3.6	15
607	A double-stranded helix by complexation of two polymer chains with a helical supramolecular assembly. <i>Journal of the American Chemical Society</i> , 2007 , 129, 270-1	16.4	72
606	Ternary complex consisting of DNA, polycation, and a natural polysaccharide of schizophyllan to induce cellular uptake by antigen presenting cells. <i>Biomacromolecules</i> , 2007 , 8, 1178-86	6.9	21
605	Instantaneous inclusion of a polynucleotide and hydrophobic guest molecules into a helical core of cationic beta-1,3-glucan polysaccharide. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3979-88	16.4	69

604	β1,3-Glucan Schizophyllan Can Act as a One-dimensional Host to Arrange Icosahedral Carboranes. <i>Chemistry Letters</i> , 2007 , 36, 668-669	1.7	6
603	Organogels of 8-quinolinol/metal(II)-chelate derivatives that show electron- and light-emitting properties. <i>Chemistry - A European Journal</i> , 2007 , 13, 4155-62	4.8	74
602	Cucurbit[7]uril: A simple macrocyclic, pH-triggered hydrogelator exhibiting guest-induced stimuli-responsive behavior. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 210-3	16.4	188
601	Cucurbit[7]uril: A Simple Macrocyclic, pH-Triggered Hydrogelator Exhibiting Guest-Induced Stimuli-Responsive Behavior. <i>Angewandte Chemie</i> , 2007 , 119, 214-217	3.6	55
600	Dynamic Rotational Oscillation of Cerium(IV) Bis(porphyrinate) and Its Control by Diamine Guest Binding with Positive Homotropic Allostereism. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1883-1886	3.2	10
599	Pyridine-containing versatile gelators for post-modification of gel tissues toward construction of novel porphyrin nanotubes. <i>Tetrahedron</i> , 2007 , 63, 7326-7333	2.4	29
598	Lipophilic polyelectrolyte gels as super-absorbent polymers for nonpolar organic solvents. <i>Nature Materials</i> , 2007 , 6, 429-33	27	213
597	Controlled stability of the triple-stranded helical structure of a beta-1,3-glucan with a chromophoric aromatic moiety at a peripheral position. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1290-8	4.5	12
596	Post-polymerization of preorganized assemblies for creating shape-controlled functional materials. <i>Chemical Society Reviews</i> , 2007 , 36, 415-35	58.5	190
595	A polysaccharide carrier to effectively deliver native phosphodiester CpG DNA to antigen-presenting cells. <i>Bioconjugate Chemistry</i> , 2007 , 18, 1280-6	6.3	22
594	The concept of molecular machinery is useful for design of stimuli-responsive gene delivery systems in the mammalian cell. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 58, 205-219		26
593	Delivery of Antisense Oligonucleotides to Nuclear Telomere RNA by Use of a Complex between Polysaccharide and Polynucleotide. <i>Bulletin of the Chemical Society of Japan</i> , 2007 , 80, 1091-1098	5.1	3
592	Toward the alignment of conjugated polymers into anisotropically-ordered structure. <i>New Journal of Chemistry</i> , 2007 , 31, 790	3.6	10
591	Complex formation between cationic beta-1,3-glucan and hetero-sequence oligodeoxynucleotide and its delivery into macrophage-like cells to induce cytokine secretion. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2219-24	3.9	11
590	Carbohydrate-appended curdlans as a new family of glycoclusters with binding properties both for a polynucleotide and lectins. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2404-12	3.9	61
589	Polydiacetylene nanofibers created in low-molecular-weight gels by post modification: control of blue and red phases by the odd-even effect in alkyl chains. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4134-5	16.4	109
588	β1,3-Glucan (Schizophyllan) Can Act as a One-Dimensional Host for Creating Chirally Twisted Poly(p-phenylene Ethynylene). <i>Supramolecular Chemistry</i> , 2007 , 19, 107-113	1.8	23
587	'Click chemistry' on polysaccharides: a convenient, general, and monitorable approach to develop (1→3)-beta-D-glucans with various functional appendages. <i>Carbohydrate Research</i> , 2006 , 341, 35-40	2.9	108

586	A supramolecular bundling approach toward the alignment of conjugated polymers. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1548-53	16.4	77
585	Spontaneous colorimetric sensing of the positional isomers of dihydroxynaphthalene in a 1D organogel matrix. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1592-5	16.4	287
584	A Supramolecular Bundling Approach toward the Alignment of Conjugated Polymers. <i>Angewandte Chemie</i> , 2006 , 118, 1578-1583	3.6	24
583	Spontaneous Colorimetric Sensing of the Positional Isomers of Dihydroxynaphthalene in a 1D Organogel Matrix. <i>Angewandte Chemie</i> , 2006 , 118, 1622-1625	3.6	87
582	Beta-1,3-glucan polysaccharide (schizophyllan) acting as a one-dimensional host for creating supramolecular dye assemblies. <i>Organic Letters</i> , 2006 , 8, 5533-6	6.2	43
581	Design and Function of Low Molecular-Mass Organic Gelators (LMOGs) Bearing Steroid and Sugar Groups 2006 , 553-575		3
580	Gels of Low Molecular-Mass Organic Gelators as Templates for Transcription 2006 , 857-893		2
579	Control of self-aggregation of fullerenes by connection with calix[4]arene: solvent- and guest-effects to particle size. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 519-23	3.9	12
578	Axial coordination changes the morphology of porphyrin assemblies in an organogel system. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 1902-9	3.9	21
577	Highly enantioselective recognition of dicarboxylic acid substrates by the control of nonlinear responses. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16008-9	16.4	56
576	Synthesis and in vitro characterization of antigen-conjugated polysaccharide as a CpG DNA carrier. <i>Bioconjugate Chemistry</i> , 2006 , 17, 1136-40	6.3	10
575	Structural Examination of Polysaccharide/Nucleic Acid Complex by Computational Chemistry. <i>Kobunshi Ronbunshu</i> , 2006 , 63, 451-457	0	
574	Effective Antisense DNA Delivery by use of a Polysaccharide/Polynucleotide Complex. <i>Kobunshi Ronbunshu</i> , 2006 , 63, 468-475	0	1
573	Encapsulation of Ferricytochrome into the Nanoparticle Made from a Natural Polysaccharide: Schizophyllan. <i>Chemistry Letters</i> , 2006 , 35, 1120-1121	1.7	3
572	CpG DNA/zymosan complex to enhance cytokine secretion owing to the cocktail effect. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 1301-4	2.9	12
571	Galactose-PEG dual conjugation of beta-(1->3)-D-glucan schizophyllan for antisense oligonucleotides delivery to enhance the cellular uptake. <i>Biomaterials</i> , 2006 , 27, 1626-35	15.6	27
570	Morphology control of one-dimensional supramolecular assemblies by a template polymer. <i>Science and Technology of Advanced Materials</i> , 2006 , 7, 605-608	7.1	4
569	Molecular informatics: Preface to the special issue on the 21st century COE program of Kyushu University. <i>Science and Technology of Advanced Materials</i> , 2006 , 7, 601-604	7.1	

568	Molecular programming of organogelators which can accept [60]fullerene by encapsulation. <i>Tetrahedron</i> , 2006 , 62, 2016-2024	2.4	21
567	Unexpected chiroptical inversion observed for supramolecular complexes formed between an achiral polythiophene and ATP. <i>Chemistry - an Asian Journal</i> , 2006 , 1, 95-101	4.5	45
566	RECENT DEVELOPMENT OF ORGANOGELS TOWARDS SMART AND SOFT MATERIALS. <i>Annual Review of Nano Research</i> , 2006 , 385-428		15
565	On the influence of porphyrin pi-pi stacking on supramolecular chirality created in the porphyrin-based twisted tape structure. <i>Chemical Communications</i> , 2005 , 5539-41	5.8	58
564	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		61
563	Allosteric function facilitates template assisted olefin metathesis. <i>Chemical Communications</i> , 2005 , 5742-58	5.8	23
562	Beta-1,3-glucan polysaccharide can act as a one-dimensional host to create novel silica nanofiber structures. <i>Chemical Communications</i> , 2005 , 4655-7	5.8	69
561	Allosteric binding of anionic guests to a bicyclic host which imitates the action of a 'turnstile'. <i>Chemical Communications</i> , 2005 , 3805-7	5.8	41
560	Stabilization of Crown-Based Organogelators by Charge-Transfer Interaction. <i>Chemistry of Materials</i> , 2005 , 17, 459-462	9.6	26
559	Beta-1,3-glucan polysaccharides as novel one-dimensional hosts for DNA/RNA, conjugated polymers and nanoparticles. <i>Chemical Communications</i> , 2005 , 4383-98	5.8	109
558	Oligosilane-nanofibers can be prepared through fabrication of permethyldecasilane within a helical superstructure of schizophyllan. <i>Organic Letters</i> , 2005 , 7, 5605-8	6.2	29
557	Separation technique for messenger RNAs by use of schizophyllan/poly(A) tail complexation. <i>Biomacromolecules</i> , 2005 , 6, 174-9	6.9	4
556	Inclusion of cut and as-grown single-walled carbon nanotubes in the helical superstructure of schizophyllan and curdlan (beta-1,3-glucans). <i>Journal of the American Chemical Society</i> , 2005 , 127, 5875-84	16.4	207
555	Polysaccharide-polynucleotide complexes. Part 32. Structural analysis of the curdlan/poly(cytidylic acid) complex with semiempirical molecular orbital calculations. <i>Biomacromolecules</i> , 2005 , 6, 1540-6	6.9	22
554	Porphyrin-based organogels: control of the aggregation mode by a pyridine-carboxylic acid interaction. <i>Langmuir</i> , 2005 , 21, 2163-72	4	66
553	Creation of a mixed-valence state from one-dimensionally aligned TTF utilizing the self-assembling nature of a low molecular-weight gel. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14980-1	16.4	158
552	Superstructural Poly(pyrrole) Assemblies Created by a DNA Templating Method. <i>Macromolecules</i> , 2005 , 38, 1609-1615	5.5	20
551	Inclusion of DNA into organic gelator fibers made of amphipathic molecules and its controlled release. <i>Langmuir</i> , 2005 , 21, 9398-401	4	39

550	Self-assembly of supramolecular chiral insulated molecular wire. <i>Journal of the American Chemical Society</i> , 2005 , 127, 4548-9	16.4	195
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