

Steven C C Zimmerman

List of Publications by Year in descending order

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197
papers

14,034
citations

16411

64
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22764

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all docs

209
docs citations

209
times ranked

11116
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid-Responsive Anticorrosion Microcapsules for Self-Protecting Coatings. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	1.1	2
2	Enzyme-like catalysis by single chain nanoparticles that use transition metal cofactors. <i>Chemical Communications</i> , 2022, 58, 985-988.	2.2	9
3	A Selective Alkylating Agent for CTG Repeats in Myotonic Dystrophy Type 1. <i>ACS Chemical Biology</i> , 2022, 17, 1103-1110.	1.6	2
4	Selective and Reversible Ligand Assembly on the DNA and RNA Repeat Sequences in Myotonic Dystrophy. <i>ChemBioChem</i> , 2022, 23, .	1.3	5
5	Electrochemical CO ₂ -to-ethylene conversion on polyamine-incorporated Cu electrodes. <i>Nature Catalysis</i> , 2021, 4, 20-27.	16.1	313
6	CAG RNAs induce DNA damage and apoptosis by silencing <i>NUDT16</i> expression in polyglutamine degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	17
7	Versatile Target-Guided Screen for Discovering Bidirectional Transcription Inhibitors of a Trinucleotide Repeat Disease. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 935-940.	1.3	5
8	A Novel Minor Groove Binder as a Potential Therapeutic Agent for Myotonic Dystrophy Type 1. <i>ChemMedChem</i> , 2021, 16, 2638-2644.	1.6	0
9	A polymeric approach toward resistance-resistant antimicrobial agent with dual-selective mechanisms of action. <i>Science Advances</i> , 2021, 7, .	4.7	50
10	Tandem catalysis using an enzyme and a polymeric ruthenium-based artificial metalloenzyme. <i>Polymer Chemistry</i> , 2021, 12, 6755-6760.	1.9	15
11	Independent control over size, valence, and elemental composition in the synthesis of DNA-nanoparticle conjugates. <i>Chemical Science</i> , 2020, 11, 1564-1572.	3.7	7
12	A Bioorthogonal Small Molecule Selective Polymeric "Clickase". <i>Journal of the American Chemical Society</i> , 2020, 142, 13966-13973.	6.6	40
13	Nonionic Surfactant Properties of Amphiphilic Hyperbranched Polyglycerols. <i>Langmuir</i> , 2020, 36, 10103-10109.	1.6	9
14	Construction from destruction using a photo-triggered self-propagating degradable polyurethane as a one-pot epoxy. <i>Polymer Chemistry</i> , 2020, 11, 6215-6220.	1.9	7
15	Expanded DNA and RNA Trinucleotide Repeats in Myotonic Dystrophy Type 1 Select Their Own Multitarget, Sequence-Selective Inhibitors. <i>Biochemistry</i> , 2020, 59, 3463-3472.	1.2	8
16	Structural Basis for Targeting T:T Mismatch with Triaminotriazine-Acridine Conjugate Induces a U-Shaped Head-to-Head Four-Way Junction in CTG Repeat DNA. <i>Journal of the American Chemical Society</i> , 2020, 142, 11165-11172.	6.6	28
17	Single-Chain Nanoparticle Delivers a Partner Enzyme for Concurrent and Tandem Catalysis in Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 4565-4569.	6.6	76
18	Base-triggered self-amplifying degradable polyurethanes with the ability to translate local stimulation to continuous long-range degradation. <i>Chemical Science</i> , 2020, 11, 3326-3331.	3.7	18

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19	Assessing the feasibility and stability of uracil base flipping in RNA–small molecule complexes using molecular dynamics simulations. <i>Canadian Journal of Chemistry</i> , 2020, 98, 261-269.	0.6	2
20	Intramolecularly Cross-Linked Polymers: From Structure to Function with Applications as Artificial Antibodies and Artificial Enzymes. <i>Accounts of Chemical Research</i> , 2020, 53, 1244-1256.	7.6	100
21	Acid-Triggered, Acid-Generating, and Self-Amplifying Degradable Polymers. <i>Journal of the American Chemical Society</i> , 2019, 141, 2838-2842.	6.6	43
22	Polymeric –Clickase–Accelerates the Copper Click Reaction of Small Molecules, Proteins, and Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 9693-9700.	6.6	84
23	Development of novel macrocyclic small molecules that target CTG trinucleotide repeats. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2978-2984.	1.4	11
24	Intrinsically cell-penetrating multivalent and multitargeting ligands for myotonic dystrophy type 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8709-8714.	3.3	39
25	AQAMAN, a bisamidine-based inhibitor of toxic protein inclusions in neurons, ameliorates cytotoxicity in polyglutamine disease models. <i>Journal of Biological Chemistry</i> , 2019, 294, 2757-5526.	1.6	10
26	Structure of an RNA helix with pyrimidine mismatches and cross-strand stacking. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 652-656.	0.4	4
27	Engineering the Surface of Therapeutic –Living–Cells. <i>Chemical Reviews</i> , 2018, 118, 1664-1690.	23.0	93
28	Designed transition metal catalysts for intracellular organic synthesis. <i>Chemical Society Reviews</i> , 2018, 47, 1811-1821.	18.7	126
29	Linear dendronized polyols as a multifunctional platform for a versatile and efficient fluorophore design. <i>Polymer Chemistry</i> , 2018, 9, 2040-2047.	1.9	10
30	Enzyme-like Click Catalysis by a Copper-Containing Single-Chain Nanoparticle. <i>Journal of the American Chemical Society</i> , 2018, 140, 13695-13702.	6.6	100
31	pH-Triggered Release from Polyamide Microcapsules Prepared by Interfacial Polymerization of a Simple Diester Monomer. <i>ACS Macro Letters</i> , 2017, 6, 321-325.	2.3	33
32	Patterning Three-Dimensional Hydrogel Microenvironments Using Hyperbranched Polyglycerols for Independent Control of Mesh Size and Stiffness. <i>Biomacromolecules</i> , 2017, 18, 1393-1400.	2.6	30
33	Bottom-Up Strategy To Prepare Nanoparticles with a Single DNA Strand. <i>Journal of the American Chemical Society</i> , 2017, 139, 3623-3626.	6.6	30
34	Proton transfer dynamics dictate quinone speciation at lipid-modified electrodes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 7086-7093.	1.3	12
35	Worm-Like Superparamagnetic Nanoparticle Clusters for Enhanced Adhesion and Magnetic Resonance Relaxivity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1219-1225.	4.0	14
36	Building a Modern Chemistry Undergraduate Program at Hanoi University of Science-Vietnam National University: A Vietnam–U.S. Partnership. <i>ACS Symposium Series</i> , 2017, , 15-32.	0.5	1

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37	A journey in bioinspired supramolecular chemistry: from molecular tweezers to small molecules that target myotonic dystrophy. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 125-138.	1.3	26
38	Supramolecular chemistry at the interface of biology, materials and medicine. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1101-1102.	1.3	1
39	A Potent Inhibitor of Protein Sequestration by Expanded Triplet (CUG) Repeats that Shows Phenotypic Improvements in a <i>Drosophila</i> Model of Myotonic Dystrophy. <i>ChemMedChem</i> , 2016, 11, 1428-1435.	1.6	36
40	Synthesis and Conjugation of Alkyne-Functional Hyperbranched Polyglycerols. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2252-2261.	1.1	9
41	Proton transfer dynamics control the mechanism of O ₂ reduction by a non-precious metal electrocatalyst. <i>Nature Materials</i> , 2016, 15, 754-759.	13.3	126
42	A Highly Efficient Single-Chain Metal-Organic Nanoparticle Catalyst for Alkyne-Azide "Click" Reactions in Water and in Cells. <i>Journal of the American Chemical Society</i> , 2016, 138, 11077-11080.	6.6	190
43	The Flip-Flop Diffusion Mechanism across Lipids in a Hybrid Bilayer Membrane. <i>Biophysical Journal</i> , 2016, 110, 2451-2462.	0.2	23
44	Integrating Display and Delivery Functionality with a Cell Penetrating Peptide Mimic as a Scaffold for Intracellular Multivalent Multitargeting. <i>Journal of the American Chemical Society</i> , 2016, 138, 9498-9507.	6.6	26
45	Crosslinked dendronized polyols as a general approach to brighter and more stable fluorophores. <i>Chemical Communications</i> , 2016, 52, 3781-3784.	2.2	31
46	Self-Assembling Amphiphilic Hyperbranched Polyglycerol-Polystyrene Copolymers for Encapsulation. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1729-1736.	1.1	5
47	A double supramolecular crosslinked polymer gel exhibiting macroscale expansion and contraction behavior and multistimuli responsiveness. <i>Polymer Chemistry</i> , 2015, 6, 1912-1917.	1.9	56
48	Anion Transport through Lipids in a Hybrid Bilayer Membrane. <i>Analytical Chemistry</i> , 2015, 87, 2403-2409.	3.2	22
49	Hydrophilic packaging of iron oxide nanoclusters for highly sensitive imaging. <i>Biomaterials</i> , 2015, 69, 184-190.	5.7	29
50	Water-Soluble Polyglycerol Dendrimers with Two Orthogonally Reactive Core Functional Groups for One-Pot Functionalization. <i>Macromolecules</i> , 2015, 48, 2504-2508.	2.2	11
51	New Frontiers for Encapsulation in the Chemical Industry. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6359-6368.	4.0	62
52	Trigger Chemistries for Better Industrial Formulations. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6369-6382.	4.0	58
53	Photoresponsive Molecular Switch for Regulating Transmembrane Proton-Transfer Kinetics. <i>Journal of the American Chemical Society</i> , 2015, 137, 14059-14062.	6.6	29
54	Rationally Designed Small Molecules That Target Both the DNA and RNA Causing Myotonic Dystrophy Type 1. <i>Journal of the American Chemical Society</i> , 2015, 137, 14180-14189.	6.6	106

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55	Chemical Control over Cellular Uptake of Organic Nanoparticles by Fine Tuning Surface Functional Groups. <i>ACS Nano</i> , 2015, 9, 10227-10236.	7.3	47
56	Proton switch for modulating oxygen reduction by a copper electrocatalyst embedded in a hybrid bilayer membrane. <i>Nature Materials</i> , 2014, 13, 619-623.	13.3	51
57	Isaiah Shavitt: Computational chemistry pioneer. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	0.5	1
58	Polymer self-assembly: a web themed issue. <i>Chemical Communications</i> , 2014, 50, 13415-13416.	2.2	7
59	Targeting Toxic RNAs that Cause Myotonic Dystrophy Type 1 (DM1) with a Bisamidinium Inhibitor. <i>Journal of the American Chemical Society</i> , 2014, 136, 6355-6361.	6.6	91
60	Small Molecules that Target the Toxic RNA in Myotonic Dystrophy Type 1. <i>ChemMedChem</i> , 2014, 9, 2455-2462.	1.6	21
61	Practical synthesis of water-soluble organic nanoparticles with a single reactive group and a functional carrier scaffold. <i>Chemical Science</i> , 2014, 5, 2862-2868.	3.7	63
62	Hydrogen Bonding Modules for Use in Supramolecular Polymers. <i>Israel Journal of Chemistry</i> , 2013, 53, 511-520.	1.0	78
63	Supramolecular Chemistry for Biology, Materials and Medicine. <i>Israel Journal of Chemistry</i> , 2013, 53, 495-496.	1.0	0
64	A Polymeric Fastener Can Easily Functionalize Liposome Surfaces with Gadolinium for Enhanced Magnetic Resonance Imaging. <i>ACS Nano</i> , 2013, 7, 9599-9610.	7.3	45
65	Orthogonality in organic, polymer, and supramolecular chemistry: from Merrifield to click chemistry. <i>Chemical Communications</i> , 2013, 49, 1679.	2.2	267
66	High-Affinity DNA Base Analogs as Supramolecular, Nanoscale Promoters of Macroscopic Adhesion. <i>Journal of the American Chemical Society</i> , 2013, 135, 7288-7295.	6.6	84
67	Quadruply Hydrogen Bonding Modules as Highly Selective Nanoscale Adhesive Agents. <i>Organic Letters</i> , 2013, 15, 3506-3509.	2.4	24
68	A dendritic single-molecule fluorescent probe that is monovalent, photostable and minimally blinking. <i>Nature Chemistry</i> , 2013, 5, 692-697.	6.6	112
69	Leukocyte-Mimicking Stem Cell Delivery via in Situ Coating of Cells with a Bioactive Hyperbranched Polyglycerol. <i>Journal of the American Chemical Society</i> , 2013, 135, 8770-8773.	6.6	74
70	Developing Bivalent Ligands to Target CUG Triplet Repeats, the Causative Agent of Myotonic Dystrophy Type 1. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9471-9481.	2.9	51
71	A Novel CUG ^{exp} -MBNL1 Inhibitor with Therapeutic Potential for Myotonic Dystrophy Type 1. <i>ACS Chemical Biology</i> , 2013, 8, 1037-1043.	1.6	54
72	Single-molecule study of the CUG repeat-MBNL1 interaction and its inhibition by small molecules. <i>Nucleic Acids Research</i> , 2013, 41, 6687-6697.	6.5	27

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73	Calix[8]arene Functionalized Polyglycerol Nanogels for Encapsulation and Stabilization of Fluorescent Dyes. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1403, 149.	0.1	1
74	Investigating the Binding Mode of an Inhibitor of the MBNL1-RNA Complex in Myotonic Dystrophy Type 1 (DM1) Leads to the Unexpected Discovery of a DNA-Selective Binder. <i>ChemBioChem</i> , 2012, 13, 2505-2509.	1.3	17
75	Azobenzene dye-coupled quadruply hydrogen-bonding modules as colorimetric indicators for supramolecular interactions. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 486-495.	1.3	10
76	Synthesis and properties of fluorescent dyes conjugated to hyperbranched polyglycerols. <i>New Journal of Chemistry</i> , 2012, 36, 419-427.	1.4	33
77	Polyglycerol-Dendronized Perylenediimides as Stable, Water-Soluble Fluorophores. <i>Advanced Functional Materials</i> , 2012, 22, 3023-3028.	7.8	25
78	Photostability: Polyglycerol-Dendronized Perylenediimides as Stable, Water-Soluble Fluorophores (<i>Adv. Funct. Mater.</i> 14/2012). <i>Advanced Functional Materials</i> , 2012, 22, 3022-3022.	7.8	0
79	Clickable polyglycerol hyperbranched polymers and their application to gold nanoparticles and acid-labile nanocarriers. <i>Chemical Communications</i> , 2011, 47, 1279-1281.	2.2	53
80	Top-down Synthesis of Versatile Polyaspartamide Linkers for Single-Step Protein Conjugation to Materials. <i>Bioconjugate Chemistry</i> , 2011, 22, 2377-2382.	1.8	16
81	Monovalent, Clickable, Uncharged, Water-Soluble Perylenediimide-Cored Dendrimers for Target-Specific Fluorescent Biolabeling. <i>Journal of the American Chemical Society</i> , 2011, 133, 9964-9967.	6.6	124
82	Synthesis of a Redox-Responsive Quadruple Hydrogen-Bonding Unit for Applications in Supramolecular Chemistry. <i>Journal of the American Chemical Society</i> , 2011, 133, 17118-17121.	6.6	104
83	Selective inhibition of MBNL1-CCUG interaction by small molecules toward potential therapeutic agents for myotonic dystrophy type 2 (DM2). <i>Nucleic Acids Research</i> , 2011, 39, 8881-8890.	6.5	40
84	Prebiotic Selection of the AT Base-Pair?. <i>ACS Symposium Series</i> , 2010, , 95-107.	0.5	1
85	Direct, Electrocatalytic Oxygen Reduction by Laccase on Anthracene-2-methanethiol-Modified Gold. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2251-2254.	2.1	88
86	Room Temperature, Copper-Catalyzed Amination of Bromonaphthyridines with Aqueous Ammonia. <i>Journal of Organic Chemistry</i> , 2010, 75, 4848-4851.	1.7	27
87	Tuning hydrogel properties and function using substituent effects. <i>Soft Matter</i> , 2010, 6, 2150.	1.2	12
88	A simple ligand that selectively targets CUG trinucleotide repeats and inhibits MBNL protein binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16068-16073.	3.3	198
89	Switching the selectivity of a polyglycerol dendrimer monomolecularly imprinted with d-(α)-fructose. <i>Tetrahedron Letters</i> , 2009, 50, 2204-2207.	0.7	8
90	Photoresponsive Crosslinked Hyperbranched Polyglycerols as Smart Nanocarriers for Guest Binding and Controlled Release. <i>Small</i> , 2009, 5, 2199-2204.	5.2	56

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91	Cross-Linked Hyperbranched Polyglycerols as Hosts for Selective Binding of Guest Molecules. <i>Journal of the American Chemical Society</i> , 2009, 131, 10574-10580.	6.6	68
92	Modeling the Equilibria of Complex Supramolecular Systems. <i>Journal of Chemical Education</i> , 2009, 86, 638.	1.1	4
93	Hydrogen-Bonded DeUG \cdot DAN Heterocomplex: Structure and Stability and a Scalable Synthesis of DeUG with Reactive Functionality. <i>Organic Letters</i> , 2009, 11, 61-64.	2.4	38
94	A Route to Water-Soluble Molecularly Templated Nanoparticles Using Click Chemistry and Alkyne-Functionalized Hyperbranched Polyglycerol. <i>Israel Journal of Chemistry</i> , 2009, 49, 71-78.	1.0	10
95	Molecular recognition of a thymine bulge by a high affinity, deazaguanine-based hydrogen-bonding ligand. <i>Chemical Communications</i> , 2009, , 668-670.	2.2	34
96	Degradable dendrimers divergently synthesized via click chemistry. <i>Chemical Communications</i> , 2009, , 794.	2.2	30
97	Synthesis of Polyglycerol, Porphyrin-Cored Dendrimers Using Click Chemistry. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3845-3851.	1.2	46
98	Substituted 1,3,5-Triazaadamantanes: Biocompatible and Degradable Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8072-8074.	7.2	21
99	Bis-ureidodeazapterin (Bis-DeAP) as a general route to supramolecular star polymers. <i>Tetrahedron</i> , 2008, 64, 8558-8570.	1.0	38
100	Exploring the Reversibility of the Ring-Closing Metathesis Mediated Cross-linking of Dendrimers. <i>Macromolecules</i> , 2007, 40, 8114-8118.	2.2	15
101	Supramolecular Star Polymers. Increased Molecular Weight with Decreased Polydispersity through Self-Assembly. <i>Journal of the American Chemical Society</i> , 2007, 129, 14534-14535.	6.6	110
102	Does the A \cdot T or G \cdot C Base-Pair Possess Enhanced Stability? Quantifying the Effects of CH \cdot \cdot \cdot O Interactions and Secondary Interactions on Base-Pair Stability Using a Phenomenological Analysis and ab Initio Calculations. <i>Journal of the American Chemical Society</i> , 2007, 129, 934-941.	6.6	126
103	Cross-Linked Glycerol Dendrimers and Hyperbranched Polymers as Ionophoric, Organic Nanoparticles Soluble in Water and Organic Solvents. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8164-8167.	7.2	59
104	A very versatile nanocapsule. <i>Nature Nanotechnology</i> , 2007, 2, 201-202.	15.6	27
105	A Supramolecular Multi-Block Copolymer with a High Propensity for Alternation. <i>Journal of the American Chemical Society</i> , 2006, 128, 13986-13987.	6.6	154
106	Formation of a Miscible Supramolecular Polymer Blend through Self-Assembly Mediated by a Quadruply Hydrogen-Bonded Heterocomplex. <i>Journal of the American Chemical Society</i> , 2006, 128, 11582-11590.	6.6	239
107	Interplay of Fidelity, Binding Strength, and Structure in Supramolecular Polymers. <i>Journal of the American Chemical Society</i> , 2006, 128, 14236-14237.	6.6	86
108	Synthesis and characterization of an electroactive surface that releases β -aminobutyric acid (GABA). <i>Journal of Colloid and Interface Science</i> , 2006, 296, 165-177.	5.0	10

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109	Higher Affinity Quadruply Hydrogen-Bonded Complexation with 7-Deazaguanine Urea. <i>Organic Letters</i> , 2006, 8, 1589-1592.	2.4	43
110	Preparation of 2,7-Diamino-1,8-naphthyridine: A Useful Building Block for Supramolecular Chemistry. <i>Synlett</i> , 2005, 2005, 1435-1436.	1.0	1
111	A Quadruply Hydrogen Bonded Heterocomplex Displaying High-Fidelity Recognition. <i>Journal of the American Chemical Society</i> , 2005, 127, 18133-18142.	6.6	131
112	A Highly Stable Quadruply Hydrogen-Bonded Heterocomplex Useful for Supramolecular Polymer Blends. <i>Journal of the American Chemical Society</i> , 2005, 127, 6520-6521.	6.6	209
113	Synthesis of a Soluble Ureido-Naphthyridine Oligomer that Self-Associates via Eight Contiguous Hydrogen Bonds. <i>Organic Letters</i> , 2005, 7, 3005-3008.	2.4	57
114	Fidelity in the supramolecular assembly of triply and quadruply hydrogen-bonded complexes. <i>Israel Journal of Chemistry</i> , 2005, 45, 381-389.	1.0	41
115	Structure-Function Studies on a Synthetic Guanosine Receptor That Simultaneously Binds Watson-Crick and Hoogsteen Sites. <i>Journal of Organic Chemistry</i> , 2005, 70, 7459-7467.	1.7	19
116	A monomolecularly imprinted dendrimer (MID) capable of selective binding with a tris(2-aminoethyl)amine guest through multiple functional group interactions Electronic supplementary information (ESI) available: compound characterization data and representative UV-visible binding data with Kassoc plots. See http://www.rsc.org/suppdata/cc/b3/b316248f/ . <i>Chemical Communications</i> , 2004, , 488.	2.2	31
117	Performance improvement program for reducing home health care costs in hospice. <i>Journal of Pain and Symptom Management</i> , 2004, 28, 417-419.	0.6	1
118	Synthesis and duplex DNA recognition studies of oligonucleotides containing a ureido isoindolin-1-one homo-N-nucleoside. A comparison of host-guest and DNA recognition studies. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 1517-1526.	1.4	24
119	Integrating chemosensors for amine-containing compounds into cross-linked dendritic hosts. <i>Tetrahedron</i> , 2004, 60, 11191-11204.	1.0	18
120	Organic Nanoparticles Whose Size and Rigidity Are Finely Tuned by Cross-Linking the End Groups of Dendrimers. <i>Journal of the American Chemical Society</i> , 2004, 126, 11420-11421.	6.6	74
121	With Regard to the Hydrogen Bonding in Complexes of Pyridylureas, Less Is More. A Role for Shape Complementarity and CH- \cdots O Interactions?. <i>Organic Letters</i> , 2004, 6, 1649-1652.	2.4	37
122	An ABC Stacking Supramolecular Discotic Columnar Structure Constructed via Hydrogen-Bonded Hexamers. <i>Chemistry of Materials</i> , 2004, 16, 2975-2977.	3.2	35
123	Cross-Linking Dendrimers with Allyl Ether End-Groups Using the Ring-Closing Metathesis Reaction. <i>Journal of Organic Chemistry</i> , 2004, 69, 7363-7366.	1.7	30
124	On the Nature of Dendrimer Cross-Linking by Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2004, 126, 13576-13577.	6.6	51
125	Synthesis of Nanosized α -Cored-Star Polymers. <i>Macromolecules</i> , 2004, 37, 778-787.	2.2	75
126	Synthetic hosts via molecular imprinting are universal synthetic antibodies realistically possible?. <i>Chemical Communications</i> , 2004, , 5-14.	2.2	193

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127	A New Route to Organic Nanotubes from Porphyrin Dendrimers. <i>Angewandte Chemie</i> , 2003, 115, 1153-1158.	1.6	51
128	A New Route to Organic Nanotubes from Porphyrin Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1121-1126.	7.2	155
129	Kinetics and Thermodynamics of Amine and Diamine Signaling by a Trifluoroacetyl Azobenzene Reporter Group. <i>Organic Letters</i> , 2003, 5, 3127-3130.	2.4	50
130	Cross-Linked Dendrimer Hosts Containing Reporter Groups for Amine Guests. <i>Journal of the American Chemical Society</i> , 2003, 125, 3424-3425.	6.6	169
131	Molecular Imprinting Inside Dendrimers. <i>Journal of the American Chemical Society</i> , 2003, 125, 13504-13518.	6.6	139
132	Discrete and polymeric self-assembled dendrimers: Hydrogen bond-mediated assembly with high stability and high fidelity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5099-5104.	3.3	170
133	Supramolecular Polymer Chemistry: Self-Assembling Dendrimers Using the DDA-AAD (GC-like) Hydrogen Bonding Motif. <i>Journal of the American Chemical Society</i> , 2002, 124, 13757-13769.	6.6	170
134	Synthetic hosts by monomolecular imprinting inside dendrimers. <i>Nature</i> , 2002, 418, 399-403.	13.7	383
135	Supramolecular polymer chemistry: design, synthesis, characterization, and kinetics, thermodynamics, and fidelity of formation of self-assembled dendrimers. <i>Tetrahedron</i> , 2002, 58, 825-843.	1.0	60
136	Complexation-Induced Unfolding of Heterocyclic Ureas. Simple Foldamers Equilibrate with Multiply Hydrogen-Bonded Sheetlike Structures ¹ . <i>Journal of the American Chemical Society</i> , 2001, 123, 10475-10488.	6.6	240
137	Synthesis of Cored Dendrimers with Internal Cross-Links. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1962-1966.	7.2	65
138	Supramolecular Chemistry of Dendrimers. <i>Topics in Current Chemistry</i> , 2001, , 95-120.	4.0	142
139	Heteroaromatic Modules for Self-Assembly Using Multiple Hydrogen Bonds. <i>Structure and Bonding</i> , 2000, , 63-94.	1.0	243
140	Synthetic Receptors for CG Base Pairs. <i>Organic Letters</i> , 2000, 2, 2931-2934.	2.4	23
141	Complexation-Induced Unfolding of Heterocyclic Ureas: A Hydrogen-Bonded, Sheetlike Heterodimer. <i>Journal of the American Chemical Society</i> , 2000, 122, 3779-3780.	6.6	128
142	Molecular Tweezers as Synthetic Receptors: Molecular Recognition of Electron-Deficient Aromatic Substrates by Chemically Bonded Stationary Phases. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2741-2749.	1.2	42
143	Self-Assembly of 1,3,5-Benzenetricarboxylic (Trimesic) Acid and Its Analogues. <i>Chemistry - A European Journal</i> , 1999, 5, 2537-2547.	1.7	123
144	Synthesis of Cored Dendrimers. <i>Journal of the American Chemical Society</i> , 1999, 121, 1389-1390.	6.6	217

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