

Roeland J M Nolte

List of Publications by Year in descending order

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604
papers

37,973
citations

3264

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5873

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684
all docs

684
docs citations

684
times ranked

29986
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-gated binding in double-motorized porphyrin cages. <i>Natural Sciences</i> , 2022, 2, .	1.0	1
2	Paramagnetic relaxation enhancement NMR as a tool to probe guest binding and exchange in metallohosts. <i>Nature Communications</i> , 2022, 13, 1846.	5.8	7
3	¹¹³ Cd as a Probe in NMR Studies of Allosteric Host-Guest-Ligand Complexes of Porphyrin Cage Compounds. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	0
4	Mechanistic Studies on the Epoxidation of Alkenes by Macrocyclic Manganese Porphyrin Catalysts. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2
5	Host-Guest Exchange of Viologen Guests in Porphyrin Cage Compounds as Studied by Selective Exchange Spectroscopy (1D EXSY) NMR. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1254-1262.	7.2	11
6	Host-Guest Exchange of Viologen Guests in Porphyrin Cage Compounds as Studied by Selective Exchange Spectroscopy (1D EXSY) NMR. <i>Angewandte Chemie</i> , 2021, 133, 1274-1282.	1.6	3
7	Allosteric Guest Binding in Chiral Zirconium(IV) Double Decker Porphyrin Cages. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 607-617.	1.2	2
8	Enantioselective synthesis of chiral porphyrin macrocyclic hosts and kinetic enantio recognition of viologen guests. <i>Chemical Science</i> , 2021, 12, 1661-1667.	3.7	7
9	Engineered protein cages for selective heparin encapsulation. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1272-1276.	2.9	17
10	Stabilization of thermally unstable photoisomers of pyridinium-functionalized hemithioindigo switches by host-guest complexation. <i>Tetrahedron</i> , 2021, , 132499.	1.0	5
11	Molecular motor-functionalized porphyrin macrocycles. <i>Nature Communications</i> , 2020, 11, 5291.	5.8	21
12	Absolute configuration and host-guest binding of chiral porphyrin-cages by a combined chiroptical and theoretical approach. <i>Nature Communications</i> , 2020, 11, 4776.	5.8	25
13	Supramolecular phthalocyanine assemblies – a Linstead Career Award paper. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 1243-1257.	0.4	5
14	Double Porphyrin Cage Compounds. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 7087-7100.	1.2	3
15	Porphyrin cage compounds based on glycoluril – from enzyme mimics to functional molecular machines. <i>Chemical Communications</i> , 2019, 55, 9590-9605.	2.2	47
16	Rapid and scalable synthesis of chiral porphyrin cage compounds. <i>Tetrahedron</i> , 2019, 75, 4640-4647.	1.0	15
17	Nonequilibrium Reshaping of Polymersomes via Polymer Addition. <i>ACS Nano</i> , 2019, 13, 12767-12773.	7.3	29
18	Effect of Chirality on the Binding of Viologen Guests in Porphyrin Macrocycles. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3525-3533.	1.2	11

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19	Motion Control of Polymeric Nanomotors Based on Host-Guest Interactions. <i>Angewandte Chemie</i> , 2019, 131, 8779-8783.	1.6	9
20	Motion Control of Polymeric Nanomotors Based on Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8687-8691.	7.2	34
21	Aerobic Epoxidation of Low-Molecular-Weight and Polymeric Olefins by a Supramolecular Manganese Porphyrin Catalyst. <i>Catalysts</i> , 2019, 9, 195.	1.6	25
22	Modular, Bioorthogonal Strategy for the Controlled Loading of Cargo into a Protein Nanocage. <i>Bioconjugate Chemistry</i> , 2018, 29, 1186-1193.	1.8	16
23	Virus-like particles as crosslinkers in fibrous biomimetic hydrogels: approaches towards capsid rupture and gel repair. <i>Soft Matter</i> , 2018, 14, 1442-1448.	1.2	8
24	Controlling the gelation temperature of biomimetic polyisocyanides. <i>Chinese Chemical Letters</i> , 2018, 29, 281-284.	4.8	19
25	Directional threading of a chiral porphyrin cage compound onto viologen guests. <i>Chemical Communications</i> , 2018, 54, 12491-12494.	2.2	9
26	Encoding information into polymers. <i>Nature Reviews Chemistry</i> , 2018, 2, 365-381.	13.8	150
27	Synthetic polymers as substrates for a DNA-sliding clamp protein. <i>Biopolymers</i> , 2018, 109, e23119.	1.2	2
28	Self-Assembly and Stabilization of Hybrid Cowpea Chlorotic Mottle Virus Particles under Nearly Physiological Conditions. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3518-3525.	1.7	12
29	Transfection by cationic gemini lipids and surfactants. <i>MedChemComm</i> , 2018, 9, 1404-1425.	3.5	28
30	A manganese porphyrin- α -cyclodextrin conjugate as an artificial enzyme for the catalytic epoxidation of polybutadiene. <i>Chemical Communications</i> , 2018, 54, 5586-5589.	2.2	27
31	Self-assembly of porphyrin hexamers via bidentate metal-ligand coordination. <i>Dalton Transactions</i> , 2018, 47, 14277-14287.	1.6	3
32	Direct Synthesis of Chiral Porphyrin Macrocyclic Receptors via Regioselective Nitration. <i>Organic Letters</i> , 2018, 20, 3719-3722.	2.4	15
33	Expansion of the assembly of cowpea chlorotic mottle virus towards non-native and physiological conditions. <i>Tetrahedron</i> , 2017, 73, 4968-4971.	1.0	17
34	Carbenoid transfer reactions catalyzed by a ruthenium porphyrin macrocycle. <i>Tetrahedron</i> , 2017, 73, 5029-5037.	1.0	19
35	Stabilization of a Virus-Like Particle and Its Application as a Nanoreactor at Physiological Conditions. <i>Biomacromolecules</i> , 2017, 18, 3492-3497.	2.6	37
36	Alternative application of an affinity purification tag: hexahistidines in ester hydrolysis. <i>Scientific Reports</i> , 2017, 7, 14772.	1.6	13

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37	Metal Ion-Induced Self-Assembly of a Multi-Responsive Block Copolyptide into Well-Defined Nanocapsules. <i>Small</i> , 2016, 12, 2476-2483.	5.2	37
38	Conformational Analysis and Binding Properties of a Cavity Containing Porphyrin Catalyst Provided with Urea Functions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4487-4495.	1.2	7
39	Bio-Inspired Polymer Chemistry. Tuning the Structure and Properties of Self-Assembled Polymers by Solvent Interactions. <i>Macromolecular Symposia</i> , 2016, 369, 97-100.	0.4	1
40	Multicolor Photoluminescence Including White-Light Emission by a Single Host-Guest Complex. <i>Journal of the American Chemical Society</i> , 2016, 138, 13541-13550.	6.6	233
41	Highly efficient enzyme encapsulation in a protein nanocage: towards enzyme catalysis in a cellular nanocompartment mimic. <i>Nanoscale</i> , 2016, 8, 14467-14472.	2.8	45
42	Shaping polymersomes into predictable morphologies via out-of-equilibrium self-assembly. <i>Nature Communications</i> , 2016, 7, 12606.	5.8	127
43	Dynamic Loading and Unloading of Proteins in Polymeric Stomatocytes: Formation of an Enzyme-Loaded Supramolecular Nanomotor. <i>ACS Nano</i> , 2016, 10, 2652-2660.	7.3	240
44	Nanoscale Study of Polymer Dynamics. <i>ACS Nano</i> , 2016, 10, 1434-1441.	7.3	31
45	Natural supramolecular protein assemblies. <i>Chemical Society Reviews</i> , 2016, 45, 24-39.	18.7	291
46	A Double-Cavity-Containing Porphyrin Host as a Highly Stable Epoxidation Catalyst. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5246-5253.	1.2	16
47	Extended π -conjugated ruthenium zinc-porphyrin complexes with enhanced nonlinear-optical properties. <i>Chemical Communications</i> , 2015, 51, 2855-2858.	2.2	55
48	Allosterically Controlled Threading of Polymers through Macrocyclic Dimers. <i>Journal of the American Chemical Society</i> , 2015, 137, 3915-3923.	6.6	40
49	Sortase A-Mediated N-Terminal Modification of Cowpea Chlorotic Mottle Virus for Highly Efficient Cargo Loading. <i>Bioconjugate Chemistry</i> , 2015, 26, 2429-2434.	1.8	50
50	Molecular computing: paths to chemical Turing machines. <i>Chemical Science</i> , 2015, 6, 6050-6058.	3.7	38
51	Slippage of a Porphyrin Macrocycle over Threads of Varying Bulkiness: Implications for the Mechanism of Threading Polymers through a Macrocyclic Ring. <i>Chemistry - A European Journal</i> , 2015, 21, 360-370.	1.7	20
52	Thermodynamics and Kinetics of Guest-Induced Switching between α -Basket Handle-Porphyrin Isomers. <i>Molecules</i> , 2014, 19, 5278-5300.	1.7	6
53	Solution scattering studies of the hierarchical assembly of porphyrin trimers based on benzene triscarboxamide. <i>Soft Matter</i> , 2014, 10, 9688-9694.	1.2	4
54	Functional interlocked systems. <i>Chemical Society Reviews</i> , 2014, 43, 99-122.	18.7	265

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55	Manipulation of micro- and nanostructure motion with magnetic fields. <i>Soft Matter</i> , 2014, 10, 1295-1308.	1.2	184
56	Structure–delivery relationships of lysine-based gemini surfactants and their lipoplexes. <i>Soft Matter</i> , 2014, 10, 5702-5714.	1.2	20
57	Probing morphological changes in polymersomes with magnetic birefringence. <i>Chemical Communications</i> , 2014, 50, 5394-5396.	2.2	33
58	Processive Catalysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11420-11428.	7.2	72
59	Strong Induced-Fit Binding of Viologen and Pyridine Derivatives in Adjustable Porphyrin Cavities. <i>Chemistry - A European Journal</i> , 2014, 20, 11574-11583.	1.7	15
60	Polymersome magneto-valves for reversible capture and release of nanoparticles. <i>Nature Communications</i> , 2014, 5, 5010.	5.8	55
61	Designing Processive Catalytic Systems. Threading Polymers through a Flexible Macrocyclic Ring. <i>Journal of the American Chemical Society</i> , 2014, 136, 9165-9172.	6.6	41
62	Preparation and characterization of non-linear poly(ethylene glycol) analogs from oligo(ethylene) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 4	2.6	37
63	Characterization of the neutron beam at nELBE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 723, 151-162.	0.7	35
64	Measurement of the proton light response of various LAB based scintillators and its implication for supernova neutrino detection via neutrino–proton scattering. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	23
65	Stiffness versus architecture of single helical polyisocyanopeptides. <i>Chemical Science</i> , 2013, 4, 2357.	3.7	28
66	Nanoscale organization of proteins via block copolymer lithography and non-covalent bioconjugation. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3026.	2.9	11
67	Photocatalytic oxidation of stilbene by self-assembled stacks of manganese porphyrins. <i>Chemical Communications</i> , 2013, 49, 10787.	2.2	18
68	Responsive biomimetic networks from polyisocyanopeptide hydrogels. <i>Nature</i> , 2013, 493, 651-655.	13.7	441
69	Interferometry with Bose-Einstein Condensates in Microgravity. <i>Physical Review Letters</i> , 2013, 110, 093602.	2.9	296
70	Interlocked Porphyrin Switches. <i>Chemistry - A European Journal</i> , 2013, 19, 7758-7770.	1.7	31
71	Detection of different oxidation states of individual manganese porphyrins during their reaction with oxygen at a solid/liquid interface. <i>Nature Chemistry</i> , 2013, 5, 621-627.	6.6	107
72	Fuel concentration dependent movement of supramolecular catalytic nanomotors. <i>Nanoscale</i> , 2013, 5, 1315-1318.	2.8	56

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73	A clamp-like biohybrid catalyst for DNA oxidation. <i>Nature Chemistry</i> , 2013, 5, 945-951.	6.6	64
74	Beta Sheets with a Twist: The Conformation of Helical Polyisocyanopeptides Determined by Using Vibrational Circular Dichroism. <i>Chemistry - A European Journal</i> , 2013, 19, 13168-13174.	1.7	15
75	Characterization of single crystal chemical vapor deposition diamond detectors for neutron spectrometry. <i>Review of Scientific Instruments</i> , 2012, 83, 10D906.	0.6	4
76	Carbazole Functionalized Isocyanide Brushes in Heterojunction Photovoltaic Devices. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 503-507.	0.9	2
77	Designing Two Self-Assembly Mechanisms into One Viral Capsid Protein. <i>Journal of the American Chemical Society</i> , 2012, 134, 18506-18509.	6.6	101
78	Solvent-dependent amplification of chirality in assemblies of porphyrin trimers based on benzene tricarboxamide. <i>Chemical Communications</i> , 2012, 48, 4371.	2.2	28
79	Direct Backbone Structure Determination of Polyisocyanodipeptide Using Solid-State Nuclear Magnetic Resonance. <i>Macromolecules</i> , 2012, 45, 2209-2218.	2.2	12
80	Variation of the Viologen Electron Relay in Cyclodextrin-Based Self-Assembled Systems for Photoinduced Hydrogen Evolution from Water. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6729-6736.	1.2	20
81	Entrapment of Metal Nanoparticles in Polymer Stomatocytes. <i>Journal of the American Chemical Society</i> , 2012, 134, 9894-9897.	6.6	50
82	Autonomous movement of platinum-loaded stomatocytes. <i>Nature Chemistry</i> , 2012, 4, 268-274.	6.6	519
83	Processive Rotaxane Catalysts. , 2012, , 183-193.		0
84	79 Ordered Surface Structures of Self-Assembled Porphyrins. <i>Handbook of Porphyrin Science</i> , 2012, , 1-56.	0.3	1
85	Construction of phthalocyanine-terminated polystyrene nanoarchitectures. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 586-591.	0.9	8
86	Postfunctionalization of Helical Polyisocyanopeptides with Phthalocyanine Chromophores by "Click Chemistry". <i>ChemPlusChem</i> , 2012, 77, 700-706.	1.3	12
87	Virus-based nanocarriers for drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 811-825.	6.6	374
88	Catalytic capsids: the art of confinement. <i>Chemical Science</i> , 2011, 2, 358-362.	3.7	147
89	Solution scattering studies on a virus capsid protein as a building block for nanoscale assemblies. <i>Soft Matter</i> , 2011, 7, 11380.	1.2	12
90	Electrostatic self-assembly of virus-polymer complexes. <i>Journal of Materials Chemistry</i> , 2011, 21, 2112-2117.	6.7	57

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91	Controlled Templating of Porphyrins by a Molecular Command Layer. <i>Langmuir</i> , 2011, 27, 2644-2651.	1.6	20
92	Reactions inside nanoscale protein cages. <i>Nanoscale</i> , 2011, 3, 2376.	2.8	85
93	Cyclodextrin-based systems for photoinduced hydrogen evolution. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7903.	1.3	25
94	Helical poly(isocyanides): past, present and future. <i>Polymer Chemistry</i> , 2011, 2, 33-47.	1.9	224
95	Thermoresponsive giant biohybrid amphiphiles. <i>Polymer Chemistry</i> , 2011, 2, 333-340.	1.9	61
96	Sequential Energy and Electron Transfer in Polyisocyanopeptide-Based Multichromophoric Arrays. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1590-1600.	1.2	16
97	Hierarchical Self-Assembly and Optical Disassembly for Controlled Switching of Magnetoferritin Nanoparticle Magnetism. <i>ACS Nano</i> , 2011, 5, 6394-6402.	7.3	75
98	Metal-Ion-Induced Formation and Stabilization of Protein Cages Based on the Cowpea Chlorotic Mottle Virus. <i>Small</i> , 2011, 7, 911-919.	5.2	24
99	Amine-Reactive PEGylated Nanoparticles for Potential Bioconjugation. <i>Macromolecular Rapid Communications</i> , 2011, 32, 19-24.	2.0	9
100	Temperature-Switchable Assembly of Supramolecular Virus-Polymer Complexes. <i>Advanced Functional Materials</i> , 2011, 21, 2012-2019.	7.8	49
101	Green and Blue Electrochemically Generated Chemiluminescence from Click Chemistry-Customizable Iridium Complexes. <i>Chemistry - A European Journal</i> , 2011, 17, 4640-4647.	1.7	110
102	A Toroidal Oxidation Catalyst. , 2010, , 225-230.		0
103	Smart nanocontainers and nanoreactors. <i>Nanoscale</i> , 2010, 2, 844.	2.8	194
104	Delivery of DNA and siRNA by novel gemini-like amphiphilic peptides. <i>Journal of Controlled Release</i> , 2010, 145, 33-39.	4.8	41
105	Macromolecular Scaffolding: The Relationship Between Nanoscale Architecture and Function in Multichromophoric Arrays for Organic Electronics. <i>Advanced Materials</i> , 2010, 22, E81-8.	11.1	39
106	Cysteine-Containing Polyisocyanides as Versatile Nanoplatforms for Chromophoric and Bioscaffolding. <i>Chemistry - A European Journal</i> , 2010, 16, 6176-6186.	1.7	22
107	Multichromophoric Phthalocyanine-(Perylene) Molecules: A Photophysical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 10021-10029.	1.7	23
108	Encapsulation of DNA-Templated Chromophore Assemblies within Virus Protein Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5335-5338.	7.2	46

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109	Cellular Integration of an Enzyme-Loaded Polymersome Nanoreactor. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7213-7216.	7.2	133
110	Complex Assembly Behavior During the Encapsulation of Green Fluorescent Protein Analogs in Virus Derived Protein Capsules. <i>Macromolecular Bioscience</i> , 2010, 10, 539-545.	2.1	26
111	Synthesis of imidazole-containing poly(iminomethylenes). Choice of N(Im)-protecting group. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 2010, 103, 46-50.	0.0	5
112	Mechanism of enantioselective ester cleavage by histidine-containing peptides at a micellar interface. 2. Effect of changing peptide chain length. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 2010, 111, 459-468.	0.0	8
113	Self-assembly and optically triggered disassembly of hierarchical dendron-virus complexes. <i>Nature Chemistry</i> , 2010, 2, 394-399.	6.6	178
114	Virus-like Particles Templated by DNA Micelles: A General Method for Loading Virus Nanocarriers. <i>Journal of the American Chemical Society</i> , 2010, 132, 7834-7835.	6.6	130
115	Synthesis, Characterization, and Surface Initiated Polymerization of Carbazole Functionalized Isocyanides. <i>Chemistry of Materials</i> , 2010, 22, 2597-2607.	3.2	27
116	Direct Access to Polyisocyanide Screw Sense Using Vibrational Circular Dichroism. <i>Macromolecules</i> , 2010, 43, 7931-7935.	2.2	37
117	Polymersome Stomatocytes: Controlled Shape Transformation in Polymer Vesicles. <i>Journal of the American Chemical Society</i> , 2010, 132, 12522-12524.	6.6	199
118	Macromolecular multi-chromophoric scaffolding. <i>Chemical Society Reviews</i> , 2010, 39, 1576.	18.7	113
119	Cationic Heteroleptic Cyclometalated Iridium(III) Complexes Containing Phenyl-Triazole and Triazole-Pyridine Clicked Ligands. <i>Molecules</i> , 2010, 15, 2039-2059.	1.7	65
120	Single-Biomolecule Kinetics: The Art of Studying a Single Enzyme. <i>Annual Review of Analytical Chemistry</i> , 2010, 3, 319-340.	2.8	47
121	Porphyrin Macrocyclic Catalysts for the Processive Oxidation of Polymer Substrates. <i>Journal of the American Chemical Society</i> , 2010, 132, 1529-1531.	6.6	88
122	A hydrogel-based enzyme-loaded polymersome reactor. <i>Nanoscale</i> , 2010, 2, 709.	2.8	34
123	Kinetic switching between two modes of bisurea surfactant self-assembly. <i>Chemical Communications</i> , 2010, 46, 6063.	2.2	16
124	Squaring cooperative binding circles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10471-10476.	3.3	35
125	STM studies of the self-assembly of manganese porphyrin catalysts at the Au(111)-tetradecane interface. <i>New Journal of Physics</i> , 2009, 11, 083011.	1.2	4
126	Vibrational self-trapping in beta-sheet structures observed with femtosecond nonlinear infrared spectroscopy. <i>Journal of Chemical Physics</i> , 2009, 131, 124503.	1.2	17

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127	A Polymersome Nanoreactor with Controllable Permeability Induced by Stimuli-Responsive Block Copolymers. <i>Advanced Materials</i> , 2009, 21, 2787-2791.	11.1	320
128	Helter- and Like-Perylene Polyisocyanopeptides. <i>Chemistry - A European Journal</i> , 2009, 15, 2536-2547.	1.7	64
129	A Three-Enzyme Cascade Reaction through Positional Assembly of Enzymes in a Polymersome Nanoreactor. <i>Chemistry - A European Journal</i> , 2009, 15, 1107-1114.	1.7	319
130	Ir^{III} and Ru^{II} Complexes Containing Triazole-Pyridine Ligands: Luminescence Enhancement upon Substitution with β -Cyclodextrin. <i>Chemistry - A European Journal</i> , 2009, 15, 13124-13134.	1.7	97
131	Cascade Reactions in an All-Enzyme Nanoreactor. <i>Chemistry - A European Journal</i> , 2009, 15, 12600-12603.	1.7	65
132	Polymersomes: Small 10/2009. <i>Small</i> , 2009, 5, NA-NA.	5.2	19
133	Sorting Catalytically Active Polymersome Nanoreactors by Flow Cytometry. <i>Small</i> , 2009, 5, 1138-1143.	5.2	9
134	Water soluble azido polyisocyanopeptides as functional sheet mimics. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4150-4164.	2.5	13
135	Controlled Integration of Polymers into Viral Capsids. <i>Biomacromolecules</i> , 2009, 10, 3141-3147.	2.6	66
136	Biohybrid Polymer Capsules. <i>Chemical Reviews</i> , 2009, 109, 6212-6274.	23.0	375
137	The Relationship between Nanoscale Architecture and Charge Transport in Conjugated Nanocrystals Bridged by Multichromophoric Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 7055-7063.	6.6	52
138	Improved Performance of Perylene-Based Photovoltaic Cells Using Polyisocyanopeptide Arrays. <i>Macromolecules</i> , 2009, 42, 2023-2030.	2.2	78
139	Synthesis of Polymer-Biohybrids: From Small to Giant Surfactants. <i>Accounts of Chemical Research</i> , 2009, 42, 681-692.	7.6	119
140	Controlled Encapsulation of Multiple Proteins in Virus Capsids. <i>Journal of the American Chemical Society</i> , 2009, 131, 17771-17773.	6.6	191
141	Self-assembly of corrole trimers in solution and at the solid-liquid interface. <i>Journal of Materials Chemistry</i> , 2009, 19, 66-69.	6.7	17
142	Single-Step Azide Introduction in Proteins via an Aqueous Diazo Transfer. <i>Bioconjugate Chemistry</i> , 2009, 20, 20-23.	1.8	97
143	Novel Organometallic Gelators with Enhanced Amphiphilic Character: Structure-Property Correlations, Principles for Design, and Diversity of Gelation. <i>Organometallics</i> , 2009, 28, 1377-1382.	1.1	36
144	Monitoring Protein-Polymer Conjugation by a Fluorogenic Cu(I)-Catalyzed Azide-Alkyne 1,3-Dipolar Cycloaddition. <i>Bioconjugate Chemistry</i> , 2009, 20, 1129-1138.	1.8	46

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145	Polymeric Monosaccharide Receptors Responsive at Neutral pH. <i>Journal of the American Chemical Society</i> , 2009, 131, 13908-13909.	6.6	143
146	Viruses and protein cages as nanocontainers and nanoreactors. <i>Journal of Materials Chemistry</i> , 2009, 19, 2274.	6.7	115
147	Synthesis and aggregation behavior of biohybrid amphiphiles composed of a tripeptidic head group and a polystyrene tail. <i>Soft Matter</i> , 2009, 5, 1692.	1.2	14
148	Influence of π - π stacking on the self-assembly and coiling of multi-chromophoric polymers based on perylenebis(dicarboximides): an AFM study. <i>Soft Matter</i> , 2009, 5, 4680.	1.2	10
149	Self-trapped vibrational states in synthetic β -sheet helices. <i>Chemical Communications</i> , 2009, , 4675.	2.2	8
150	CCMV capsid formation induced by a functional negatively charged polymer. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4685.	1.5	41
151	Biocatalytic oxidation by chloroperoxidase from <i>Caldariomyces fumago</i> in polymersome nanoreactors. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4604.	1.5	39
152	DNA-Coatings: Bioactive Properties and Effects on Osteoblast-Like Cells. <i>Key Engineering Materials</i> , 2008, 361-363, 605-608.	0.4	4
153	A Block Copolymer for Functionalisation of Polymersome Surfaces. <i>Macromolecular Rapid Communications</i> , 2008, 29, 321-325.	2.0	81
154	β -Cyclodextrin-Appended Giant Amphiphile: Aggregation to Vesicle Polymersomes and Immobilisation of Enzymes. <i>Chemistry - A European Journal</i> , 2008, 14, 9914-9920.	1.7	80
155	A Polymeric Molecular "Handle" for Multiple AFM-Based Single-Molecule Force Measurements. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2431-2434.	7.2	30
156	Electronic Transport Properties of Ensembles of Perylene-Substituted Polyisocyanopeptide Arrays. <i>Advanced Functional Materials</i> , 2008, 18, 3947-3955.	7.8	70
157	Protein-Polymer Hybrid Amphiphiles. <i>Advanced Materials</i> , 2008, 20, 3953-3957.	11.1	79
158	Construction of supramolecular multi-component assemblies by using allosteric interactions. <i>Tetrahedron</i> , 2008, 64, 8535-8542.	1.0	13
159	Mechanism of Threading a Polymer Through a Macrocyclic Ring. <i>Science</i> , 2008, 322, 1668-1671.	6.0	110
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