

Virgil Percec

List of Publications by Year in descending order

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730
papers

48,032
citations

949

109
h-index

2547

184
g-index

770
all docs

770
docs citations

770
times ranked

16182
citing authors

#	ARTICLE	IF	CITATIONS
1	Bridging Frontiers in Macromolecular and Supramolecular Sciences with Living Cationic Ring-Opening Polymerization of Self-Organizable Dendronized Cyclic α -Amino Ethers Generating Soft Frank-Kasper and Quasicrystal Arrays. <i>Macromolecular Chemistry and Physics</i> , 2025, 226, .	2.6	0
2	Toward a Complete Elucidation of the Primary Structure-Activity in Pentaerythritol-Based One-Component Ionizable Amphiphilic Janus Dendrimers for In Vivo Delivery of Luc-mRNA. <i>Biomacromolecules</i> , 2025, 26, 726-737.	5.4	0
3	From Frank-Kasper, Quasicrystals, and Biological Membrane Mimics to Reprogramming <i>In Vivo</i> the Living Factory to Target the Delivery of mRNA with One-Component Amphiphilic Janus Dendrimers. <i>Biomacromolecules</i> , 2024, 25, 1353-1370.	5.4	12
4	The Constitutional Isomerism of One-Component Ionizable Amphiphilic Janus Dendrimers Orchestrates the Total and Targeted Activities of mRNA Delivery. <i>Journal of the American Chemical Society</i> , 2024, 146, 3627-3634.	15.7	13
5	Glycan-Driven Formation of Raft-Like Domains with Hierarchical Periodic Nanoarrays on Dendrimersome Synthetic Cells. <i>Biomacromolecules</i> , 2024, 25, 366-378.	5.4	0
6	Aptamer-Targeted Dendrimersomes Assembled from Azido-Modified Janus Dendrimers α -Clicked to DNA. <i>Biomacromolecules</i> , 2024, 25, 1541-1549.	5.4	0
7	Cogwheel Mechanism of Helical Self-Organization is Thermodynamically Controlled, Self-Repairing, and Universal. <i>Journal of the American Chemical Society</i> , 2024, 146, 18910-18915.	15.7	5
8	Designing Highly Ordered Helical and Nonhelical Porous Crystalline and Disordered Nonhelical Columnar Liquid Crystalline Self-Organizations. <i>Journal of the American Chemical Society</i> , 2024, 146, 22943-22949.	15.7	5
9	Hierarchical Self-Organization and Disorganization of Helical Supramolecular Columns Mediated by H-Bonding and Shape Complementarity. <i>Journal of the American Chemical Society</i> , 2024, 146, 27299-27304.	15.7	3
10	Accelerated Ten-Gram-Scale Synthesis of One-Component Multifunctional Sequence-Defined Ionizable Amphiphilic Janus Dendrimer 97. <i>Biomacromolecules</i> , 2024, 25, 6871-6882.	5.4	3
11	Porous helical supramolecular columns self-organized via the fluorophobic effect of a semifluorinated tapered dendron. <i>Journal of Materials Chemistry B</i> , 2024, 12, 12265-12281.	5.6	0
12	Unwinding Spherical Helices Increases Entropy and Stability of Frank-Kasper and Body-Centered-Cubic Periodic Arrays To Facilitate Discrimination between Self-Organization Mechanisms. <i>Journal of the American Chemical Society</i> , 2024, 146, 32298-32304.	15.7	0
13	A highly ordered 8/1 helical pyramidal column self-organized from the crown conformation of achiral hexa(butyloxy)triphenylene. <i>Giant</i> , 2023, 13, 100135.	4.2	8
14	Molecular design principles of helical pyramidal chirality self-organized from achiral hexakis(alkyloxy)triphenylene. <i>Giant</i> , 2023, 13, 100138.	4.2	9
15	Shape Control over the Polymer Molecular Weight Distribution and Influence on Rheological Properties. <i>Macromolecules</i> , 2023, 56, 545-555.	5.2	5
16	Stimuli-Responsive Principles of Supramolecular Organizations Emerging from Self-Assembling and Self-Organizable Dendrons, Dendrimers, and Dendronized Polymers. <i>Polymers</i> , 2023, 15, 1832.	4.7	11
17	Catalytic effect of DMSO in metal-catalyzed radical polymerization mediated by disproportionation facilitates living and immortal radical polymerizations. <i>Journal of Polymer Science</i> , 2023, 61, 959-978.	4.0	7
18	Self-Assembly of Glycerol-Amphiphilic Janus Dendrimers Amplifies and Indicates Principles for the Selection of Stereochemistry by Biological Membranes. <i>Journal of the American Chemical Society</i> , 2023, 145, 4311-4323.	15.7	16

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19	Assembling Complex Macromolecules and Self-Organizations of Biological Relevance with Cu(I)-Catalyzed Azide-Alkyne, Thio-Bromo, and TERMINI Double "Click" Reactions. <i>Polymers</i> , 2023, 15, 1075.	4.7	9
20	Screening Libraries to Discover Molecular Design Principles for the Targeted Delivery of mRNA with One-Component Ionizable Amphiphilic Janus Dendrimers Derived from Plant Phenolic Acids. <i>Pharmaceutics</i> , 2023, 15, 1572.	5.2	21
21	Resolving the incompatibility between SET-LRP and non-disproportionating solvents. <i>Giant</i> , 2023, 15, 100176.	4.2	4
22	Bridging organic, molecular, macromolecular, supramolecular and biological sciences to create functions via fluorine chemistry and fluorinated reagents. <i>Giant</i> , 2023, 16, 100193.	4.2	7
23	Targeted and Equally Distributed Delivery of mRNA to Organs with Pentaerythritol-Based One-Component Ionizable Amphiphilic Janus Dendrimers. <i>Journal of the American Chemical Society</i> , 2023, 145, 18760-18766.	15.7	31
24	Herman F. Mark: Pioneer in structural chemistry, molecular biology, and polymer science. <i>Chem</i> , 2023, 9, 3386-3393.	16.6	1
25	Self-organization of rectangular bipyramidal helical columns by supramolecular orientational memory epitaxially nucleated from a Frank-Kasper J_f phase. <i>Giant</i> , 2022, 9, 100084.	4.2	22
26	Co-assembly of liposomes, Dendrimersomes, and Polymersomes with amphiphilic Janus dendrimers conjugated to Mono- and Tris-Nitrilotriacetic Acid (NTA, TrisNTA) enhances protein recruitment. <i>Giant</i> , 2022, 9, 100089.	4.2	17
27	The Unexpected Importance of the Primary Structure of the Hydrophobic Part of One-Component Ionizable Amphiphilic Janus Dendrimers in Targeted mRNA Delivery Activity. <i>Journal of the American Chemical Society</i> , 2022, 144, 4746-4753.	15.7	71
28	Enhancing conformational flexibility of dendronized triphenylene via diethylene glycol linkers lowers transitions of helical columnar, Frank-Kasper, and quasicrystal phases. <i>Giant</i> , 2022, 10, 100098.	4.2	12
29	Conformationally flexible dendronized cyclotetraveratrylenes (CTTV)s self-organize a large diversity of chiral columnar, Frank-Kasper and quasicrystal phases. <i>Giant</i> , 2022, 10, 100096.	4.2	17
30	Molecular parameters including fluorination program order during hierarchical helical self-organization of self-assembling dendrons. <i>Giant</i> , 2022, 11, 100103.	4.2	11
31	Searching for the simplest self-assembling dendron to study helical self-organization and supramolecular polymerization. <i>Giant</i> , 2022, 12, 100118.	4.2	12
32	Zwitterionic Dendrimersomes: A Closer Xenobiotic Mimic of Cell Membranes. <i>Advanced Materials</i> , 2022, 34, .	24.7	14
33	A green solvent-to-polymer upgrading approach to water-soluble LCST poly(<i>N</i> -substituted) Tj ETQq1 1 0.784314 rgBT / Overloc	9.3	5
34	Discotic liquid crystals 45 years later. Dendronized discs and crowns increase liquid crystal complexity to columnar from spheres, cubic Frank-Kasper, liquid quasicrystals and memory-effect induced columnar-bundles. <i>Giant</i> , 2022, 12, 100127.	4.2	20
35	Unraveling topology-induced shape transformations in dendrimersomes. <i>Soft Matter</i> , 2021, 17, 254-267.	2.7	23
36	Probing sulfatide-tissue lectin recognition with functionalized glycodendrimersomes. <i>IScience</i> , 2021, 24, 101919.	3.8	19

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37	Enhanced Concanavalinâ€¦A Binding to Preorganized Mannose Nanoarrays in Glycodendrimersomes Revealed Multivalent Interactions. <i>Angewandte Chemie</i> , 2021, 133, 8433-8441.	1.5	0
38	Helical Self-Organizations and Emerging Functions in Architectures, Biological and Synthetic Macromolecules. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 900-928.	3.9	78
39	Enhanced Concanavalinâ€¦A Binding to Preorganized Mannose Nanoarrays in Glycodendrimersomes Revealed Multivalent Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8352-8360.	15.0	37
40	Self-organisation of rhombitruncated cuboctahedral hexagonal columns from an amphiphilic Janus dendrimer. <i>Molecular Physics</i> , 2021, 119, .	2.4	14
41	From examining the relationship between (corona)viral adhesins and galectins to glyco-perspectives. <i>Biophysical Journal</i> , 2021, 120, 1031-1039.	0.4	6
42	The legacy of Rosalind E. Franklin: Landmark contributions to two Nobel Prizes. <i>CheM</i> , 2021, 7, 529-536.	16.6	18
43	One-Component Multifunctional Sequence-Defined Ionizable Amphiphilic Janus Dendrimer Delivery Systems for mRNA. <i>Journal of the American Chemical Society</i> , 2021, 143, 12315-12327.	15.7	94
44	Helical Chirality of Supramolecular Columns and Spheres Selfâ€Organizes Complex Liquid Crystals, Crystals, and Quasicrystals. <i>Israel Journal of Chemistry</i> , 2021, 61, 530-556.	2.2	42
45	Targeted Delivery of mRNA with One-Component Ionizable Amphiphilic Janus Dendrimers. <i>Journal of the American Chemical Society</i> , 2021, 143, 17975-17982.	15.7	71
46	An Accelerated Modular-Orthogonal Ni-Catalyzed Methodology to Symmetric and Nonsymmetric Constitutional Isomeric AB ₂ to AB ₉ Dendrons Exhibiting Unprecedented Self-Organizing Principles. <i>Journal of the American Chemical Society</i> , 2021, 143, 17724-17743.	15.7	31
47	Replacing Cu(II)Br ₂ with Me ₆ -TREN in Biphasic Cu(0)/TREN Catalyzed SET-LRP Reveals the Mixed-Ligand Effect. <i>Biomacromolecules</i> , 2020, 21, 250-261.	5.4	27
48	Photoinduced Upgrading of Lactic Acid-Based Solvents to Block Copolymer Surfactants. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1276-1284.	7.0	24
49	Perfecting self-organization of covalent and supramolecular mega macromolecules via sequence-defined and monodisperse components. <i>Polymer</i> , 2020, 211, 123252.	4.2	11
50	Dual Biochemically Breakable Drug Carriers from Programmed Telechelic Homopolymers. <i>Biomacromolecules</i> , 2020, 21, 4313-4325.	5.4	8
51	Programming Self-Assembly and Stimuli-Triggered Response of Hydrophilic Telechelic Polymers with Sequence-Encoded Hydrophobic Initiators. <i>Macromolecules</i> , 2020, 53, 7285-7297.	5.2	11
52	Monodisperse Macromolecules by Self-Interrupted Living Polymerization. <i>Journal of the American Chemical Society</i> , 2020, 142, 15265-15270.	15.7	40
53	From organic chemistry to chemical biology via macromolecules with Hermann Staudinger. <i>Giant</i> , 2020, 4, 100036.	4.2	8
54	The Legacy of Hermann Staudinger: Covalently Linked Macromolecules. <i>CheM</i> , 2020, 6, 2855-2861.	16.6	11

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55	Nanovesicles displaying functional linear and branched oligomannose self-assembled from sequence-defined Janus glycodendrimers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11931-11939.	7.7	43
56	Direct Visualization of Vesicle Disassembly and Reassembly Using Photocleavable Dendrimers Elucidates Cargo Release Mechanisms. <i>ACS Nano</i> , 2020, 14, 7398-7411.	15.4	32
57	Merging Macromolecular and Supramolecular Chemistry into Bioinspired Synthesis of Complex Systems. <i>Israel Journal of Chemistry</i> , 2020, 60, 48-66.	2.2	49
58	Me ₆ -TREN/TREN Mixed-Ligand Effect During SET-LRP in the Catalytically Active DMSO Revitalizes TREN into an Excellent Ligand. <i>Biomacromolecules</i> , 2020, 21, 1902-1919.	5.4	20
59	Extraordinary Acceleration of Cogwheel Helical Self-Organization of Dendronized Perylene Bisimides by the Dendron Sequence Encoding Their Tertiary Structure. <i>Journal of the American Chemical Society</i> , 2020, 142, 9525-9536.	15.7	45
60	Supramolecular spheres assembled from covalent and supramolecular dendritic crowns dictate the supramolecular orientational memory effect mediated by Frank-Kasper phases. <i>Giant</i> , 2020, 1, 100001.	4.2	42
61	SET-LRP from Programmed Difunctional Initiators Encoded with Double Single-Cleavage and Double Dual-Cleavage Groups. <i>Biomacromolecules</i> , 2019, 20, 3200-3210.	5.4	15
62	Membrane-Mimetic Dendrimersomes Engulf Living Bacteria via Endocytosis. <i>Nano Letters</i> , 2019, 19, 5732-5738.	8.8	47
63	Encapsulation of hydrophobic components in dendrimersomes and decoration of their surface with proteins and nucleic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15378-15385.	7.7	44
64	pH-Responsive Micellar Nanoassemblies from Water-Soluble Telechelic Homopolymers Encoding Acid-Labile Middle-Chain Groups in Their Hydrophobic Sequence-Defined Initiator Residue. <i>ACS Macro Letters</i> , 2019, 8, 1200-1208.	5.1	10
65	Sequence-Defined Dendrons Dictate Supramolecular Cogwheel Assembly of Dendronized Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2019, 141, 15761-15766.	15.7	35
66	Polyacrylates Derived from Biobased Ethyl Lactate Solvent via SET-LRP. <i>Biomacromolecules</i> , 2019, 20, 2135-2147.	5.4	37
67	SET-LRP of Bio- and Petroleum-Sourced Methacrylates in Aqueous Alcoholic Mixtures. <i>Biomacromolecules</i> , 2019, 20, 1816-1827.	5.4	21
68	Supramolecular Spheres Self-Assembled from Conical Dendrons Are Chiral. <i>Journal of the American Chemical Society</i> , 2019, 141, 6162-6166.	15.7	43
69	Design-functionality relationships for adhesion/growth-regulatory galectins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2837-2842.	7.7	59
70	Encoding biological recognition in a bicomponent cell-membrane mimic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5376-5382.	7.7	54
71	Bioactive cell-like hybrids from dendrimersomes with a human cell membrane and its components. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 744-752.	7.7	51
72	Screening Libraries of Amphiphilic Janus Dendrimers Based on Natural Phenolic Acids to Discover Monodisperse Unilamellar Dendrimersomes. <i>Biomacromolecules</i> , 2019, 20, 712-727.	5.4	37

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73	SET-LRP of the Hydrophobic Biobased Menthyl Acrylate. <i>Biomacromolecules</i> , 2018, 19, 1256-1268.	5.4	28
74	Macromonomers, telechelics and more complex architectures of PMA by a combination of biphasic SET-LRP and biphasic esterification. <i>Polymer Chemistry</i> , 2018, 9, 1885-1899.	3.9	16
75	Dendrimersomes Exhibit Lamellar-to-Sponge Phase Transitions. <i>Langmuir</i> , 2018, 34, 5527-5534.	3.8	17
76	Exploring functional pairing between surface glycoconjugates and human galectins using programmable glycodendrimersomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, .	7.7	73
77	Frontiers of Macromolecular and Supramolecular Science symposia. <i>Polymer Chemistry</i> , 2018, 9, 2355-2358.	3.9	3
78	Acrylate-macromonomers and telechelics of PBA by merging biphasic SET-LRP of BA, chain extension with MA and biphasic esterification. <i>Polymer Chemistry</i> , 2018, 9, 1961-1971.	3.9	16
79	Losing supramolecular orientational memory <i>via</i> self-organization of a misfolded secondary structure. <i>Polymer Chemistry</i> , 2018, 9, 2370-2381.	3.9	15
80	SET-LRP in biphasic mixtures of fluorinated alcohols with water. <i>Polymer Chemistry</i> , 2018, 9, 2313-2327.	3.9	16
81	Highly reactive $\hat{1}$ -bromoacrylate monomers and Michael acceptors obtained by Cu(<i>ii</i>)-dibromination of acrylates and instantaneous E2 by a ligand. <i>Polymer Chemistry</i> , 2018, 9, 2082-2086.	3.9	3
82	Acetone: a solvent or a reagent depending on the addition order in SET-LRP. <i>Polymer Chemistry</i> , 2018, 9, 5411-5417.	3.9	8
83	Dendronized Poly(2-oxazoline) Displays within only Five Monomer Repeat Units Liquid Quasicrystal, A15 and $\hat{1}$ Frank-Kasper Phases. <i>Journal of the American Chemical Society</i> , 2018, 140, 16941-16947.	15.7	58
84	SET-LRP in Biphasic Mixtures of the Nondisproportionating Solvent Hexafluoroisopropanol with Water. <i>Biomacromolecules</i> , 2018, 19, 4480-4491.	5.4	11
85	Hierarchical Self-Organization of Chiral Columns from Chiral Supramolecular Spheres. <i>Journal of the American Chemical Society</i> , 2018, 140, 13478-13487.	15.7	37
86	Dumbbell-Shaped Janus Dendrimersomes Exhibit Lamellar to Sponge Phase Transitions. <i>Biophysical Journal</i> , 2018, 114, 272a-273a.	0.4	1
87	Recent Developments in the Synthesis of Biomacromolecules and their Conjugates by Single Electron Transfer-Living Radical Polymerization. <i>Biomacromolecules</i> , 2017, 18, 1039-1063.	5.4	74
88	Self-interrupted synthesis of sterically hindered aliphatic polyamide dendrimers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, .	7.7	23
89	Mimicking Complex Biological Membranes and Their Programmable Glycan Ligands with Dendrimersomes and Glycodendrimersomes. <i>Chemical Reviews</i> , 2017, 117, 6538-6631.	54.6	153
90	Acetone-water biphasic mixtures as solvents for ultrafast SET-LRP of hydrophobic acrylates. <i>Polymer Chemistry</i> , 2017, 8, 3102-3123.	3.9	29

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91	The stirring rate provides a dramatic acceleration of the ultrafast interfacial SET-LRP in biphasic acetonitrile/water mixtures. <i>Polymer Chemistry</i> , 2017, 8, 3405-3424.	3.9	26
92	Tetrahedral Arrangements of Perylene Bisimide Columns <i>via</i> Supramolecular Orientational Memory. <i>ACS Nano</i> , 2017, 11, 983-991.	15.4	34
93	A Tetragonal Phase Self-Organized from Unimolecular Spheres Assembled from a Substituted Poly(2-oxazoline). <i>Macromolecules</i> , 2017, 50, 375-385.	5.2	34
94	Reaction of a Programmable Glycan Presentation of Glycodendrimersomes and Cells with Engineered Human Lectins To Show the Sugar Functionality of the Cell Surface. <i>Angewandte Chemie</i> , 2017, 129, 14869-14873.	1.5	5
95	Single-Electron Transfer Living Radical Polymerization Platform to Practice, Develop, and Invent. <i>Biomacromolecules</i> , 2017, 18, 2981-3008.	5.4	117
96	SET-LRP in the Neoteric Ethyl Lactate Alcohol. <i>Biomacromolecules</i> , 2017, 18, 3447-3456.	5.4	29
97	Reaction of a Programmable Glycan Presentation of Glycodendrimersomes and Cells with Engineered Human Lectins To Show the Sugar Functionality of the Cell Surface. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14677-14681.	15.0	42
98	Searching for efficient SET-LRP systems via biphasic mixtures of water with carbonates, ethers and dipolar aprotic solvents. <i>Polymer Chemistry</i> , 2017, 8, 5865-5874.	3.9	25
99	Janus dendrimersomes coassembled from fluorinated, hydrogenated, and hybrid Janus dendrimers as models for cell fusion and fission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, .	7.7	202
100	SET-LRP mediated by TREN in biphasic water/organic solvent mixtures provides the most economical and efficient process. <i>Polymer Chemistry</i> , 2017, 8, 7559-7574.	3.9	22
101	Demonstrating the 8 ¹ -Helicity and Nanomechanical Function of Self-Organizable Dendronized Polymethacrylates and Polyacrylates. <i>Macromolecules</i> , 2017, 50, 5271-5284.	5.2	32
102	Ultrafast SET-LRP with Peptoid Cytostatic Drugs as Monofunctional and Bifunctional Initiators. <i>Biomacromolecules</i> , 2017, 18, 2610-2622.	5.4	14
103	Why Do Membranes of Some Unhealthy Cells Adopt a Cubic Architecture?. <i>ACS Central Science</i> , 2016, 2, 943-953.	9.6	38
104	Ultrafast SET-LRP of hydrophobic acrylates in multiphase alcohol/water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 3608-3621.	3.9	41
105	Self-Sorting and Coassembly of Fluorinated, Hydrogenated, and Hybrid Janus Dendrimers into Dendrimersomes. <i>Journal of the American Chemical Society</i> , 2016, 138, 12655-12663.	15.7	88
106	Ultrafast SET-LRP in biphasic mixtures of the non-disproportionating solvent acetonitrile with water. <i>Polymer Chemistry</i> , 2016, 7, 5930-5942.	3.9	30
107	Complex Arrangement of Orthogonal Nanoscale Columns <i>via</i> a Supramolecular Orientational Memory Effect. <i>ACS Nano</i> , 2016, 10, 10480-10488.	15.4	43
108	The synergistic effect during biphasic SET-LRP in ethanol/nonpolar solvent/water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 7230-7241.	3.9	28

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109	Screening Libraries of Semifluorinated Arylene Bisimides to Discover and Predict Thermodynamically Controlled Helical Crystallization. <i>ACS Combinatorial Science</i> , 2016, 18, 723-739.	5.1	25
110	Hierarchical Self-Organization of Perylene Bisimides into Supramolecular Spheres and Periodic Arrays Thereof. <i>Journal of the American Chemical Society</i> , 2016, 138, 14798-14807.	15.7	56
111	Grafting of functional methacrylate polymer brushes by photoinduced SET-LRP. <i>Polymer Chemistry</i> , 2016, 7, 6934-6945.	3.9	37
112	Quantitative end-group functionalization of PNIPAM from aqueous SET-LRP <i>via in situ</i> reduction of Cu(II) with NaBH_4 . <i>Polymer Chemistry</i> , 2016, 7, 4802-4809.	3.9	24
113	A multiple-stage activation of the catalytically inhomogeneous Cu(0) wire used in SET-LRP. <i>Polymer Chemistry</i> , 2016, 7, 4549-4558.	3.9	27
114	$\text{Ni}(\text{I})(1\text{-Naphthyl})(\text{PCy}_3)_2$, An Air-Stable I^{f} -Ni(II) Precatalyst for Quantitative Cross-Coupling of Aryl $\text{C}=\text{O}$ Electrophiles with Aryl Neopentylglycolboronates. <i>Synthesis</i> , 2016, 48, 2808-2815.	2.4	20
115	An Indefinitely Air-Stable I^{f} -Ni(II) Precatalyst for Quantitative Cross-Coupling of Unreactive Aryl Halides and Mesylates with Aryl Neopentylglycolboronates. <i>Synthesis</i> , 2016, 48, 2795-2807.	2.4	32
116	SET-LRP of NIPAM in water <i>via in situ</i> reduction of Cu(II) to Cu(0) with NaBH_4 . <i>Polymer Chemistry</i> , 2016, 7, 933-939.	3.9	47
117	Bioactive cell-like hybrids coassembled from (glyco)dendrimerosomes with bacterial membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, .	7.7	71
118	Introduction to Frontiers in Macromolecular and Supramolecular Science: Part 1. <i>Chemical Reviews</i> , 2016, 116, 769-770.	54.6	4
119	Onion-like glycodendrimerosomes from sequence-defined Janus glycodendrimers and influence of architecture on reactivity to a lectin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1162-1167.	7.7	89
120	Introduction to Frontiers in Macromolecular and Supramolecular Science: Part 2. <i>Chemical Reviews</i> , 2016, 116, 1671-1672.	54.6	3
121	Dissecting Molecular Aspects of Cell Interactions Using Glycodendrimerosomes with Programmable Glycan Presentation and Engineered Human Lectins. <i>Angewandte Chemie</i> , 2015, 127, 4108-4112.	1.5	14
122	Characterization of Fibrous Aggregated Morphologies and Other Complex Architectures Self-Assembled from Helical Alkyne and Triazole Polycarbodiimides (R)- and (S)-Families in the Bulk and Thin Film. <i>Macromolecules</i> , 2015, 48, 4088-4103.	5.2	20
123	Columnar Liquid Crystals in Cylindrical Nanoconfinement. <i>ACS Nano</i> , 2015, 9, 1759-1766.	15.4	56
124	Complex Columnar Hexagonal Polymorphism in Supramolecular Assemblies of a Semifluorinated Electron-Accepting Naphthalene Bisimide. <i>Journal of the American Chemical Society</i> , 2015, 137, 807-819.	15.7	31
125	Dissecting Molecular Aspects of Cell Interactions Using Glycodendrimerosomes with Programmable Glycan Presentation and Engineered Human Lectins. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4036-4040.	15.0	95
126	Synthesis of non-fouling poly[N-(2-hydroxypropyl)methacrylamide] brushes by photoinduced SET-LRP. <i>Polymer Chemistry</i> , 2015, 6, 4210-4220.	3.9	67

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127	Aqueous SET-LRP catalyzed with α -cyanoguanidate-generated Cu(0) demonstrates surface mediated activation and bimolecular termination. <i>Polymer Chemistry</i> , 2015, 6, 2084-2097.	3.9	65
128	A rational approach to activated polyacrylates and polymethacrylates by using a combination of model reactions and SET-LRP of hexafluoroisopropyl acrylate and methacrylate. <i>Polymer Chemistry</i> , 2015, 6, 3259-3270.	3.9	44
129	Unraveling functional significance of natural variations of a human galectin by glycodendrimersomes with programmable glycan surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5585-5590.	7.7	75
130	Self-organisation of dodeca-dendronized fullerene into supramolecular discs and helical columns containing a nanowire-like core. <i>Chemical Science</i> , 2015, 6, 3393-3401.	7.5	45
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