

Virgil Percec

List of Publications by Year in descending order

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741
papers

50,385
citations

1172

111
h-index

3182

186
g-index

780
all docs

780
docs citations

780
times ranked

16562
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-assembly of liposomes, Dendrimerosomes, and Polymersomes with amphiphilic Janus dendrimers conjugated to Mono- and Tris-Nitrilotriacetic Acid (NTA, TrisNTA) enhances protein recruitment. <i>Giant</i> , 2022, 9, 100089.	5.1	17
2	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.	13.7	43
3	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.	5.1	9
4	Conformationally flexible dendronized cyclotetrameratrylenes (CTTV)s self-organize a large diversity of chiral columnar, Frank-Kasper and quasicrystal phases. <i>Giant</i> , 2022, 10, 100096.	5.1	12
5	Molecular parameters including fluorination program order during hierarchical helical self-organization of self-assembling dendrons. <i>Giant</i> , 2022, 11, 100103.	5.1	10
6	Unraveling topology-induced shape transformations in dendrimerosomes. <i>Soft Matter</i> , 2021, 17, 254-267.	2.7	18
7	Probing sulfatide-tissue lectin recognition with functionalized glycodendrimerosomes. <i>IScience</i> , 2021, 24, 101919.	4.1	17
8	Enhanced Concanavalinâ€¦A Binding to Preorganized Mannose Nanoarrays in Glycodendrimerosomes Revealed Multivalent Interactions. <i>Angewandte Chemie</i> , 2021, 133, 8433-8441.	2.0	0
9	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.	3.2	72
10	Enhanced Concanavalinâ€¦A Binding to Preorganized Mannose Nanoarrays in Glycodendrimerosomes Revealed Multivalent Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8352-8360.	13.8	31
11	Self-organisation of rhombitruncated cuboctahedral hexagonal columns from an amphiphilic Janus dendrimer. <i>Molecular Physics</i> , 2021, 119, .	1.7	13
12	From examining the relationship between (corona)viral adhesins and galectins to glyco-perspectives. <i>Biophysical Journal</i> , 2021, 120, 1031-1039.	0.5	5
13	The legacy of Rosalind E. Franklin: Landmark contributions to two Nobel Prizes. <i>CheM</i> , 2021, 7, 529-536.	11.7	15
14	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.	13.7	66
15	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.	2.3	38
16	Targeted Delivery of mRNA with One-Component Ionizable Amphiphilic Janus Dendrimers. <i>Journal of the American Chemical Society</i> , 2021, 143, 17975-17982.	13.7	48
17	An Accelerated Modular-Orthogonal Ni-Catalyzed Methodology to Symmetric and Nonsymmetric Constitutional Isomeric AB₂ to AB₉ Dendrons Exhibiting Unprecedented Self-Organizing Principles. <i>Journal of the American Chemical Society</i> , 2021, 143, 17724-17743.	13.7	25
18	Self-Organization of Rectangular Bipyramidal Helical Columns by Supramolecular Orientational Memory Epitaxially Nucleated from a Frank-Kasper ĩf Phase. <i>Giant</i> , 2021, , 100084.	5.1	21

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19	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	26
20	Photoinduced Upgrading of Lactic Acid-Based Solvents to Block Copolymer Surfactants. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1276-1284.	6.7	22
21	Perfecting self-organization of covalent and supramolecular mega macromolecules via sequence-defined and monodisperse components. <i>Polymer</i> , 2020, 211, 123252.	3.8	11
22	Dual Biochemically Breakable Drug Carriers from Programmed Telechelic Homopolymers. <i>Biomacromolecules</i> , 2020, 21, 4313-4325.	5.4	5
23	Programming Self-Assembly and Stimuli-Triggered Response of Hydrophilic Telechelic Polymers with Sequence-Encoded Hydrophobic Initiators. <i>Macromolecules</i> , 2020, 53, 7285-7297.	4.8	10
24	Monodisperse Macromolecules by Self-Interrupted Living Polymerization. <i>Journal of the American Chemical Society</i> , 2020, 142, 15265-15270.	13.7	37
25	From organic chemistry to chemical biology via macromolecules with Hermann Staudinger. <i>Giant</i> , 2020, 4, 100036.	5.1	6
26	The Legacy of Hermann Staudinger: Covalently Linked Macromolecules. <i>CheM</i> , 2020, 6, 2855-2861.	11.7	11
27	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.	7.1	37
28	Direct Visualization of Vesicle Disassembly and Reassembly Using Photocleavable Dendrimers Elucidates Cargo Release Mechanisms. <i>ACS Nano</i> , 2020, 14, 7398-7411.	14.6	27
29	Precise and Accelerated Polymer Synthesis via Mixed-Ligand and Mixed-RAFT Agents. <i>CheM</i> , 2020, 6, 1203-1204.	11.7	3
30	Merging Macromolecular and Supramolecular Chemistry into Bioinspired Synthesis of Complex Systems. <i>Israel Journal of Chemistry</i> , 2020, 60, 48-66.	2.3	45
31	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
32	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.	13.7	42
33	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.	5.1	40
34	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
35	Membrane-Mimetic Dendrimersomes Engulf Living Bacteria via Endocytosis. <i>Nano Letters</i> , 2019, 19, 5732-5738.	9.1	38
36	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.	7.1	41

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37	pH-Responsive Micellar Nanoassemblies from Water-Soluble Telechelic Homopolymers Encoding Acid-Labile Middle-Chain Groups in Their Hydrophobic Sequence-Defined Initiator Residue. ACS Macro Letters, 2019, 8, 1200-1208.	4.8	8
38	Sequence-Defined Dendrons Dictate Supramolecular Cogwheel Assembly of Dendronized Perylene Bisimides. Journal of the American Chemical Society, 2019, 141, 15761-15766.	13.7	34
39	Polyacrylates Derived from Biobased Ethyl Lactate Solvent via SET-LRP. Biomacromolecules, 2019, 20, 2135-2147.	5.4	33
40	SET-LRP of Bio- and Petroleum-Sourced Methacrylates in Aqueous Alcoholic Mixtures. Biomacromolecules, 2019, 20, 1816-1827.	5.4	17
41	Supramolecular Spheres Self-Assembled from Conical Dendrons Are Chiral. Journal of the American Chemical Society, 2019, 141, 6162-6166.	13.7	42
42	Designing functionality relationships for adhesion/growth-regulatory galectins. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2837-2842.	7.1	57
43	Encoding biological recognition in a bicomponent cell-membrane mimic. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5376-5382.	7.1	51
44	Bioactive cell-like hybrids from dendrimersomes with a human cell membrane and its components. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 744-752.	7.1	49
45	Screening Libraries of Amphiphilic Janus Dendrimers Based on Natural Phenolic Acids to Discover Monodisperse Unilamellar Dendrimersomes. Biomacromolecules, 2019, 20, 712-727.	5.4	36
46	SET-LRP of the Hydrophobic Biobased Menthyl Acrylate. Biomacromolecules, 2018, 19, 1256-1268.	5.4	27
47	Macromonomers, telechelics and more complex architectures of PMA by a combination of biphasic SET-LRP and biphasic esterification. Polymer Chemistry, 2018, 9, 1885-1899.	3.9	16
48	Dendrimersomes Exhibit Lamellar-to-Sponge Phase Transitions. Langmuir, 2018, 34, 5527-5534.	3.5	16
49	Exploring functional pairing between surface glycoconjugates and human galectins using programmable glycodendrimersomes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2509-E2518.	7.1	71
50	Frontiers of Macromolecular and Supramolecular Science symposia. Polymer Chemistry, 2018, 9, 2355-2358.	3.9	3
51	Acrylate-macromonomers and telechelics of PBA by merging biphasic SET-LRP of BA, chain extension with MA and biphasic esterification. Polymer Chemistry, 2018, 9, 1961-1971.	3.9	16
52	Losing supramolecular orientational memory via self-organization of a misfolded secondary structure. Polymer Chemistry, 2018, 9, 2370-2381.	3.9	15
53	SET-LRP in biphasic mixtures of fluorinated alcohols with water. Polymer Chemistry, 2018, 9, 2313-2327.	3.9	16
54	Highly reactive α -bromoacrylate monomers and Michael acceptors obtained by Cu(II)Br ₂ -dibromination of acrylates and instantaneous E2 by a ligand. Polymer Chemistry, 2018, 9, 2082-2086.	3.9	3

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55	Acetone: a solvent or a reagent depending on the addition order in SET-LRP. <i>Polymer Chemistry</i> , 2018, 9, 5411-5417.	3.9	7
56	Dendronized Poly(2-oxazoline) Displays within only Five Monomer Repeat Units Liquid Quasicrystal, A15 and Īf Frankâ€™Kasper Phases. <i>Journal of the American Chemical Society</i> , 2018, 140, 16941-16947.	13.7	57
57	SET-LRP in Biphasic Mixtures of the Nondisproportionating Solvent Hexafluoroisopropanol with Water. <i>Biomacromolecules</i> , 2018, 19, 4480-4491.	5.4	11
58	Hierarchical Self-Organization of Chiral Columns from Chiral Supramolecular Spheres. <i>Journal of the American Chemical Society</i> , 2018, 140, 13478-13487.	13.7	34
59	Dumbbell-Shaped Janus Dendrimersomes Exhibit Lamellar to Sponge Phase Transitions. <i>Biophysical Journal</i> , 2018, 114, 272a-273a.	0.5	1
60	Recent Developments in the Synthesis of Biomacromolecules and their Conjugates by Single Electron Transferâ€™Living Radical Polymerization. <i>Biomacromolecules</i> , 2017, 18, 1039-1063.	5.4	77
61	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, E2275-E2284.	7.1	25
62	Mimicking Complex Biological Membranes and Their Programmable Glycan Ligands with Dendrimersomes and Glycodendrimersomes. <i>Chemical Reviews</i> , 2017, 117, 6538-6631.	47.7	146
63	Acetoneâ€™water biphasic mixtures as solvents for ultrafast SET-LRP of hydrophobic acrylates. <i>Polymer Chemistry</i> , 2017, 8, 3102-3123.	3.9	29
64	The stirring rate provides a dramatic acceleration of the ultrafast interfacial SET-LRP in biphasic acetonitrileâ€™water mixtures. <i>Polymer Chemistry</i> , 2017, 8, 3405-3424.	3.9	26
65	Tetrahedral Arrangements of Perylene Bisimide Columns <i>via</i> Supramolecular Orientational Memory. <i>ACS Nano</i> , 2017, 11, 983-991.	14.6	33
66	A Tetragonal Phase Self-Organized from Unimolecular Spheres Assembled from a Substituted Poly(2-oxazoline). <i>Macromolecules</i> , 2017, 50, 375-385.	4.8	34
67	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.	2.0	4
68	Single-Electron Transfer Living Radical Polymerization Platform to Practice, Develop, and Invent. <i>Biomacromolecules</i> , 2017, 18, 2981-3008.	5.4	109
69	SET-LRP in the Neoteric Ethyl Lactate Alcohol. <i>Biomacromolecules</i> , 2017, 18, 3447-3456.	5.4	23
70	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.	13.8	41
71	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	24
72	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, E7045-E7053.	7.1	200

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73	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
74	Demonstrating the 10^8 -Helicity and Nanomechanical Function of Self-Organizable Dendronized Polymethacrylates and Polyacrylates. <i>Macromolecules</i> , 2017, 50, 5271-5284.	4.8	32
75	Ultrafast SET-LRP with Peptoid Cytostatic Drugs as Monofunctional and Bifunctional Initiators. <i>Biomacromolecules</i> , 2017, 18, 2610-2622.	5.4	14
76	Why Do Membranes of Some Unhealthy Cells Adopt a Cubic Architecture?. <i>ACS Central Science</i> , 2016, 2, 943-953.	11.3	37
77	Ultrafast SET-LRP of hydrophobic acrylates in multiphase alcohol-water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 3608-3621.	3.9	40
78	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.	13.7	83
79	Ultrafast SET-LRP in biphasic mixtures of the non-disproportionating solvent acetonitrile with water. <i>Polymer Chemistry</i> , 2016, 7, 5930-5942.	3.9	29
80	Complex Arrangement of Orthogonal Nanoscale Columns via a Supramolecular Orientational Memory Effect. <i>ACS Nano</i> , 2016, 10, 10480-10488.	14.6	42
81	The synergistic effect during biphasic SET-LRP in ethanol-nonpolar solvent-water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 7230-7241.	3.9	27
82	Screening Libraries of Semifluorinated Arylene Bisimides to Discover and Predict Thermodynamically Controlled Helical Crystallization. <i>ACS Combinatorial Science</i> , 2016, 18, 723-739.	3.8	23
83	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.	13.7	56
84	Grafting of functional methacrylate polymer brushes by photoinduced SET-LRP. <i>Polymer Chemistry</i> , 2016, 7, 6934-6945.	3.9	34
85	Quantitative end-group functionalization of PNIPAM from aqueous SET-LRP via in situ reduction of Cu(II) with NaBH_4 . <i>Polymer Chemistry</i> , 2016, 7, 4802-4809.	3.9	23
86	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
87	$\text{Ni}(\text{I})(1\text{-Naphthyl})(\text{PCy}_3)_2$, An Air-Stable I^{I} -Ni(II) Precatalyst for Quantitative Cross-Coupling of Aryl $\text{C}=\text{O}$ Electrophiles with Aryl Neopentylglycolboronates. <i>Synthesis</i> , 2016, 48, 2808-2815.	2.3	20
88	An Indefinitely Air-Stable I^{I} -Ni(II) Precatalyst for Quantitative Cross-Coupling of Unreactive Aryl Halides and Mesylates with Aryl Neopentylglycolboronates. <i>Synthesis</i> , 2016, 48, 2795-2807.	2.3	30
89	SET-LRP of NIPAM in water via in situ reduction of Cu(II) to Cu(0) with NaBH_4 . <i>Polymer Chemistry</i> , 2016, 7, 933-939.	3.9	46
90	Bioactive cell-like hybrids coassembled from (glyco)dendrimersomes with bacterial membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1134-41.	7.1	69

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91	Introduction to Frontiers in Macromolecular and Supramolecular Science: Part 1. Chemical Reviews, 2016, 116, 769-770.	47.7	4
92	Onion-like glycodendrimersomes from sequence-defined Janus glycodendrimers and influence of architecture on reactivity to a lectin. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1162-1167.	7.1	86
93	Introduction to Frontiers in Macromolecular and Supramolecular Science: Part 2. Chemical Reviews, 2016, 116, 1671-1672.	47.7	3
94	A supramolecular helix that disregards chirality. Nature Chemistry, 2016, 8, 80-89.	13.6	147
95	Characterization of Fibrous Aggregated Morphologies and Other Complex Architectures Self-Assembled from Helical Alkyne and Triazole Polycarbodiimides (<i>R</i>- and (<i>S</i>)-Families in the Bulk and Thin Film. Macromolecules, 2015, 48, 4088-4103.	4.8	19
96	Columnar Liquid Crystals in Cylindrical Nanoconfinement. ACS Nano, 2015, 9, 1759-1766.	14.6	51
97	Complex Columnar Hexagonal Polymorphism in Supramolecular Assemblies of a Semifluorinated Electron-Accepting Naphthalene Bisimide. Journal of the American Chemical Society, 2015, 137, 807-819.	13.7	31
98	Dissecting Molecular Aspects of Cell Interactions Using Glycodendrimersomes with Programmable Glycan Presentation and Engineered Human Lectins. Angewandte Chemie - International Edition, 2015, 54, 4036-4040.	13.8	94
99	Synthesis of non-fouling poly[N-(2-hydroxypropyl)methacrylamide] brushes by photoinduced SET-LRP. Polymer Chemistry, 2015, 6, 4210-4220.	3.9	59
100	Aqueous SET-LRP catalyzed with in situ -generated Cu(0) demonstrates surface mediated activation and bimolecular termination. Polymer Chemistry, 2015, 6, 2084-2097.	3.9	65
101	A rational approach to activated polyacrylates and polymethacrylates by using a combination of model reactions and SET-LRP of hexafluoroisopropyl acrylate and methacrylate. Polymer Chemistry, 2015, 6, 3259-3270.	3.9	43
102	Unraveling functional significance of natural variations of a human galectin by glycodendrimersomes with programmable glycan surface. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5585-5590.	7.1	75
103	Self-organisation of dodeca-dendronized fullerene into supramolecular discs and helical columns containing a nanowire-like core. Chemical Science, 2015, 6, 3393-3401.	7.4	49
104	Increasing 3D Supramolecular Order by Decreasing Molecular Order. A Comparative Study of Helical Assemblies of Dendronized Nonchlorinated and Tetrachlorinated Perylene Bisimides. Journal of the American Chemical Society, 2015, 137, 5210-5224.	13.7	40
105	Glycodendrimersomes from Sequence-Defined Janus Glycodendrimers Reveal High Activity and Sensor Capacity for the Agglutination by Natural Variants of Human Lectins. Journal of the American Chemical Society, 2015, 137, 13334-13344.	13.7	87
106	Synthesis of amphiphilic homopolymers with high chain end functionality by SET-LRP. Journal of Polymer Science Part A, 2015, 53, 294-303.	2.3	17
107	From structure to function via complex supramolecular dendrimer systems. Chemical Society Reviews, 2015, 44, 3900-3923.	38.1	259
108	Air-Stable Nickel Precatalysts for Fast and Quantitative Cross-Coupling of Aryl Sulfamates with Aryl Neopentylglycolboronates at Room Temperature. Organic Letters, 2014, 16, 6326-6329.	4.6	56

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109	Synthesis of high molar mass poly(<i>n</i> -butyl acrylate) and poly(2-ethylhexyl acrylate) by SET-LRP in mixtures of fluorinated alcohols with DMSO. <i>Polymer Chemistry</i> , 2014, 5, 169-174.	3.9	40
110	Single Electron Transfer in Radical Ion and Radical-Mediated Organic, Materials and Polymer Synthesis. <i>Chemical Reviews</i> , 2014, 114, 5848-5958.	47.7	367
111	Self-activation and activation of Cu(0) wire for SET-LRP mediated by fluorinated alcohols. <i>Polymer Chemistry</i> , 2014, 5, 89-95.	3.9	54
112	SET-LRP of semifluorinated acrylates and methacrylates. <i>Polymer Chemistry</i> , 2014, 5, 5479-5491.	3.9	52
113	Copper(II)/Tertiary Amine Synergy in Photoinduced Living Radical Polymerization: Accelerated Synthesis of β -Functional and β,β -Heterofunctional Poly(acrylates). <i>Journal of the American Chemical Society</i> , 2014, 136, 1141-1149.	13.7	336
114	Homochiral Columns Constructed by Chiral Self-Sorting During Supramolecular Helical Organization of Hat-Shaped Molecules. <i>Journal of the American Chemical Society</i> , 2014, 136, 7169-7185.	13.7	141
115	Mimicking Biological Membranes with Programmable Glycan Ligands Self-Assembled from Amphiphilic Janus Glycodendrimers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10899-10903.	13.8	99
116	Single Amphiphilic Janus Dendrimers Self-Assemble into Uniform Dendrimersomes with Predictable Size. <i>ACS Nano</i> , 2014, 8, 1554-1565.	14.6	91
117	Self-assembly of amphiphilic Janus dendrimers into uniform onion-like dendrimersomes with predictable size and number of bilayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9058-9063.	7.1	145
118	SET-LRP of methacrylates in fluorinated alcohols. <i>Polymer Chemistry</i> , 2013, 4, 5563.	3.9	46
119	SET-LRP of hydrophobic and hydrophilic acrylates in tetrafluoropropanol. <i>Polymer Chemistry</i> , 2013, 4, 5555.	3.9	52
120	SET-LRP of 2-hydroxyethyl acrylate in protic and dipolar aprotic solvents. <i>Polymer Chemistry</i> , 2013, 4, 2995.	3.9	51
121	From Synthetic Macromolecules to Biological-Like Complex Systems. <i>Advances in Polymer Science</i> , 2013, , 173-197.	0.8	15
122	A comparative study of the SET-LRP of oligo(ethylene oxide) methyl ether acrylate in DMSO and in H ₂ O. <i>Polymer Chemistry</i> , 2013, 4, 144-155.	3.9	119
123	Where is Cu(0) generated by disproportionation during SET-LRP?. <i>Polymer Chemistry</i> , 2013, 4, 1328.	3.9	60
124	Interrupted SET-LRP of methyl acrylate demonstrates Cu(0) colloidal particles as activating species. <i>Polymer Chemistry</i> , 2013, 4, 686-694.	3.9	75
125	Complex Adaptable Systems based on Self-Assembling Dendrimers and Dendrons: Toward Dynamic Materials. <i>Israel Journal of Chemistry</i> , 2013, 53, 30-44.	2.3	41
126	Visualization of the crucial step in SET-LRP. <i>Polymer Chemistry</i> , 2013, 4, 1635-1647.	3.9	114

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127	Synthesis of ultrahigh molar mass poly(2-hydroxyethyl methacrylate) by single-electron transfer living radical polymerization. <i>Polymer Chemistry</i> , 2013, 4, 2760.	3.9	59
128	SET-LRP of N-(2-hydroxypropyl)methacrylamide in H ₂ O. <i>Polymer Chemistry</i> , 2013, 4, 2424.	3.9	62
129	SET-LRP of hydrophobic and hydrophilic acrylates in trifluoroethanol. <i>Polymer Chemistry</i> , 2013, 4, 3212.	3.9	64
130	Modular Synthesis of Amphiphilic Janus Glycodendrimers and Their Self-Assembly into Glycodendrimersomes and Other Complex Architectures with Bioactivity to Biomedically Relevant Lectins. <i>Journal of the American Chemical Society</i> , 2013, 135, 9055-9077.	13.7	261
131	Transformation from Kinetically into Thermodynamically Controlled Self-Organization of Complex Helical Columns with 3D Periodicity Assembled from Dendronized Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2013, 135, 4129-4148.	13.7	98
132	Single-electron transfer living radical polymerization of oligo(ethylene oxide) methyl ether methacrylate in the absence and presence of air. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3110-3122.	2.3	41
133	Self-Assembly of Dendritic Dipeptides as a Model of Chiral Selection in Primitive Biological Systems. <i>Topics in Current Chemistry</i> , 2012, 333, 213-253.	4.0	28
134	Self-Organizable Vesicular Columns Assembled from Polymers Dendronized with Semifluorinated Janus Dendrimers Act As Reverse Thermal Actuators. <i>Journal of the American Chemical Society</i> , 2012, 134, 4408-4420.	13.7	123
135	Analysis of the Cu(0)-Catalyzed Polymerization of Methyl Acrylate in Disproportionating and Nondisproportionating Solvents. <i>Macromolecules</i> , 2012, 45, 4606-4622.	4.8	138
136	No Reduction of CuBr ₂ during Cu(0)-Catalyzed Living Radical Polymerization of Methyl Acrylate in DMSO at 25 °C. <i>Macromolecules</i> , 2012, 45, 8267-8274.	4.8	67
137	Nickel Catalyzed Cross-Coupling of Aryl C=O Based Electrophiles with Aryl Neopentylglycolboronates. <i>Journal of Organic Chemistry</i> , 2012, 77, 1018-1025.	3.2	89
138	TREN versus Me ₆ TREN as ligands in SET-LRP of methyl acrylate. <i>Journal of Polymer Science Part A</i> , 2012, 50, 35-46.	2.3	50
139	SET-LRP of methyl acrylate to complete conversion with zero termination. <i>Journal of Polymer Science Part A</i> , 2012, 50, 860-873.	2.3	120
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