Chrys Wesdemiotis

List of Publications by Year
in descending order

200	8,028	38742 50	62596 80
papers	citations	h-index	g-index

208	208	208	5908
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Li+, Na+, and K+Binding to the DNA and RNA Nucleobases. Bond Energies and Attachment Sites from the Dissociation of Metal Ion-Bound Heterodimers. Journal of the American Chemical Society, 1996, 118, 11884-11892.	13.7	306
2	A Giant Surfactant of Polystyreneâ˜'(Carboxylic Acid-Functionalized Polyhedral Oligomeric) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td the American Chemical Society, 2010, 132, 16741-16744.	13.7	235
3	Geometry induced sequence of nanoscale Frankâ€"Kasper and quasicrystal mesophases in giant surfactants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14195-14200.	7.1	201
4	Na+Binding to Cyclic and Linear Dipeptides. Bond Energies, Entropies of Na+Complexation, and Attachment Sites from the Dissociation of Na+-Bound Heterodimers and ab Initio Calculations. Journal of the American Chemical Society, 1998, 120, 2437-2448.	13.7	170
5	Fragmentation pathways of polymer ions. Mass Spectrometry Reviews, 2011, 30, 523-559.	5.4	170
6	Dissociation of the peptide bond in protonated peptides. Journal of Mass Spectrometry, 2000, 35, 1391-1398.	1.6	165
7	Cation-Ï€ effects in the complexation of Na+ and K+ with Phe, Tyr, and Trp in the gas phase. Journal of the American Society for Mass Spectrometry, 2000, 11, 1037-1046.	2.8	160
8	Design, Synthesis, and Traveling Wave Ion Mobility Mass Spectrometry Characterization of Iron(II)â€" and Ruthenium(II)â€"Terpyridine Metallomacrocycles. Journal of the American Chemical Society, 2011, 133, 11967-11976.	13.7	158
9	The Na+ affinities of Î±-amino acids: side-chain substituent effects. International Journal of Mass Spectrometry, 2003, 227, 509-524.	1.5	152
10	Self-Assembly and Traveling Wave Ion Mobility Mass Spectrometry Analysis of Hexacadmium Macrocycles. Journal of the American Chemical Society, 2009, 131, 16395-16397.	13.7	151
11	Synthesis and Structural Characterization of an Imidazolium-Linked Cyclophane and the Silver Complex of an N-Heterocyclic Carbene-Linked Cyclophane. Organometallics, 2001, 20, 1276-1278.	2.3	150
12	Breaking Symmetry toward Nonspherical Janus Particles Based on Polyhedral Oligomeric Silsesquioxanes: Molecular Design, â€œClickâ€•Synthesis, and Hierarchical Structure. Journal of the American Chemical Society, 2011, 133, 10712-10715.	13.7	148
13	Stoichiometric Self-Assembly of Shape-Persistent 2D Complexes: A Facile Route to a Symmetric Supramacromolecular Spoked Wheel. Journal of the American Chemical Society, 2011, 133, 11450-11453.	13.7	147
14	Giant Molecular Shape Amphiphiles Based on Polystyreneâ€"Hydrophilic [60]Fullerene Conjugates: Click Synthesis, Solution Self-Assembly, and Phase Behavior. Journal of the American Chemical Society, 2012, 134, 7780-7787.	13.7	138
15	Dissociation characteristics of [M + X]+ ions (X = H, Li, Na, K) from linear and cyclic polyglycols. Journal of the American Society for Mass Spectrometry, 1994, 5, 1081-1092.	2.8	118
16	â€œClickingâ€•Fullerene with Polymers:Â Synthesis of [60]Fullerene End-Capped Polystyrene. Macromolecules, 2008, 41, 515-517.	4.8	118
17	Identification of a Frankâ€"Kasper Z phase from shape amphiphile self-assembly. Nature Chemistry, 2019, 11, 899-905.	13.6	114
18	Probing a Hidden World of Molecular Self-Assembly: Concentration-Dependent, Three-Dimensional Supramolecular Interconversions. Journal of the American Chemical Society, 2014, 136, 18149-18155.	13.7	104

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19	Peptide-Functionalized Oxime Hydrogels with Tunable Mechanical Properties and Gelation Behavior. Biomacromolecules, 2013, 14, 3749-3758.	5.4	102
20	Stoichiometric Self-Assembly of Isomeric, Shape-Persistent, Supramacromolecular Bowtie and Butterfly Structures. Journal of the American Chemical Society, 2012, 134, 7672-7675.	13.7	100
21	Proton affinities of the N- and C-terminal segments arising upon the dissociation of the amide bond in protonated peptides. Journal of the American Society for Mass Spectrometry, 1999, 10, 1-8.	2.8	93
22	Precise Molecular Fission and Fusion: Quantitative Selfâ€Assembly and Chemistry of a Metalloâ€Cuboctahedron. Angewandte Chemie - International Edition, 2015, 54, 9224-9229.	13.8	93
23	Gradient Tandem Mass Spectrometry Interfaced with Ion Mobility Separation for the Characterization of Supramolecular Architectures. Analytical Chemistry, 2011, 83, 1284-1290.	6.5	90
24	Multidimensional Mass Spectrometry of Synthetic Polymers and Advanced Materials. Angewandte Chemie - International Edition, 2017, 56, 1452-1464.	13.8	89
25	Oneâ€Step Multicomponent Selfâ€Assembly of a Firstâ€Generation SierpiÅ„ski Triangle: From Fractal Design to Chemical Reality. Angewandte Chemie - International Edition, 2014, 53, 12182-12185.	13.8	87
26	Synthesis, Self-assembly, and Crystal Structure of a Shape-Persistent Polyhedral-Oligosilsesquioxane-Nanoparticle-Tethered Perylene Diimide. Journal of Physical Chemistry B, 2010, 114, 4802-4810.	2.6	83
27	Zwitterionic vs. charge-solvated structures in the binding of arginine to alkali metal ions in the gas phase. Analyst, The, 2000, 125, 657-660.	3.5	82
28	Selfâ€Assembly of a Supramolecular, Threeâ€Dimensional, Spoked, Bicycleâ€like Wheel. Angewandte Chemie - International Edition, 2013, 52, 7728-7731.	13.8	81
29	Construction of a Highly Symmetric Nanosphere via a One-Pot Reaction of a Tristerpyridine Ligand with Ru(II). Journal of the American Chemical Society, 2014, 136, 8165-8168.	13.7	80
30	Polymer architectures via mass spectrometry and hyphenated techniques: A review. Analytica Chimica Acta, 2016, 932, 1-21.	5.4	77
31	Toward Controlled Hierarchical Heterogeneities in Giant Molecules with Precisely Arranged Nano Building Blocks. ACS Central Science, 2016, 2, 48-54.	11.3	76
32	Trehalose Glycopolymer Enhances Both Solution Stability and Pharmacokinetics of a Therapeutic Protein. Bioconjugate Chemistry, 2017, 28, 836-845.	3.6	76
33	Characterization of Neutral Fragments in Tandem Mass Spectrometry: A Unique Route to Mechanistic and Structural Information. Journal of Mass Spectrometry, 1996, 31, 1073-1085.	1.6	73
34	Hexameric Palladium(II) Terpyridyl Metallomacrocycles: Assembly with 4,4â€²â€Bipyridine and Characterization by TWIM Mass Spectrometry. Angewandte Chemie - International Edition, 2010, 49, 6539-6544.	13.8	70
35	Schiff base polymers derived from 2,5-diformylfuran. Polymer International, 2013, 62, 1517-1523.	3.1	70
36	Hierarchical Self-Organization of AB_n Dendron-like Molecules into a Supramolecular Lattice Sequence. ACS Central Science, 2017, 3, 860-867.	11.3	69

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37	Magnesium Catalyzed Polymerization of End Functionalized Poly(propylene maleate) and Poly(propylene fumarate) for 3D Printing of Bioactive Scaffolds. Journal of the American Chemical Society, 2018, 140, 277-284.	13.7	67
38	Top-Down Multidimensional Mass Spectrometry Methods for Synthetic Polymer Analysis. Macromolecules, 2011, 44, 4555-4564.	4.8	65
39	Controlled Interconversion of Superposed-Bistriangle, Octahedron, and Cuboctahedron Cages Constructed Using a Single, Terpyridinyl-Based Polyligand and Zn²⁺. Journal of the American Chemical Society, 2016, 138, 12344-12347.	13.7	63
40	Anionic Synthesis of Primary Amine Functionalized Polystyrenes via Hydrosilation of Allylamines with Silyl Hydride Functionalized Polystyrenes. Macromolecules, 2005, 38, 7895-7906.	4.8	61
41	Tuning â€œthiol-eneâ€•reactions toward controlled symmetry breaking in polyhedral oligomeric silsesquioxanes. Chemical Science, 2014, 5, 1046-1053.	7.4	61
42	Separation and Characterization of Metallosupramolecular Libraries by Ion Mobility Mass Spectrometry. Analytical Chemistry, 2011, 83, 6667-6674.	6.5	59
43	The sodium ion affinities of simple Di-, Tri-, and tetrapeptides. Journal of the American Society for Mass Spectrometry, 2007, 18, 541-552.	2.8	57
44	Sequenceâ€Mandated, Distinct Assembly of Giant Molecules. Angewandte Chemie - International Edition, 2017, 56, 15014-15019.	13.8	57
45	Dielectric Relaxation and Rheological Behavior of Supramolecular Polymeric Liquid. Macromolecules, 2013, 46, 3160-3166.	4.8	56
46	Terpyridine-Based, Flexible Tripods: From a Highly Symmetric Nanosphere to Temperature-Dependent, Irreversible, 3D Isomeric Macromolecular Nanocages. Journal of the American Chemical Society, 2017, 139, 3012-3020.	13.7	56
47	A mononuclear zinc complex for selective detection of diphosphate via ESIPT fluorescence turn-on. Journal of Materials Chemistry B, 2014, 2, 3349.	5.8	55
48	Exploring shape amphiphiles beyond giant surfactants: molecular design and click synthesis. Polymer Chemistry, 2013, 4, 1056-1067.	3.9	54
49	The Sodium Ion Affinity of Glycylglycine. Journal of Physical Chemistry B, 2004, 108, 3086-3091.	2.6	52
50	Synthesis of Cyclic Polystyrenes Using Living Anionic Polymerization and Metathesis Ring-Closure. Macromolecules, 2011, 44, 7538-7545.	4.8	51
51	Topologically Directed Assemblies of Semiconducting Sphereâ€“Rod Conjugates. Journal of the American Chemical Society, 2017, 139, 18616-18622.	13.7	51
52	Amphiphilic Polymer Conetworks Based on End-Linked â€œCore-Firstâ€•Star Block Copolymers: Structure Formation with Long-Range Order. ACS Macro Letters, 2015, 4, 1163-1168.	4.8	50
53	Synthesis and 3D Printing of PEGâ€“Poly(propylene fumarate) Diblock and Triblock Copolymer Hydrogels. ACS Macro Letters, 2018, 7, 1254-1260.	4.8	50
54	Tandem Mass Spectrometry Characteristics of Silver-Cationized Polystyrenes:â€‰ Internal Energy, Size, and Chain End versus Backbone Substituent Effects. Analytical Chemistry, 2008, 80, 355-362.	6.5	48

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55	Tandem Mass Spectrometry Characteristics of Silver-Cationized Polystyrenes:Â Backbone Degradation via Free Radical Chemistry. Analytical Chemistry, 2008, 80, 347-354.	6.5	48
56	Entropy considerations in kinetic method experiments. Journal of Mass Spectrometry, 2004, 39, 998-1003.	1.6	47
57	Enhancing Schwann cell migration using concentration gradients of laminin-derived peptides. Biomaterials, 2019, 218, 119335.	11.4	46
58	Glycyl Radical Is a Stable Species in the Gas Phase. Journal of the American Chemical Society, 1999, 121, 7955-7956.	13.7	45
59	From supramolecular triangle to heteroleptic rhombus: a simple bridge can make a difference. Chemical Communications, 2012, 48, 9873.	4.1	45
60	Self-assembly of a family of suprametallomacrocycles: revisiting an o-carborane bisterpyridyl building block. Dalton Transactions, 2014, 43, 9604-9611.	3.3	45
61	Internal energy distributions of tungsten hexacarbonyl ions after neutralizationâ€”Reionization. Journal of the American Society for Mass Spectrometry, 1994, 5, 1093-1101.	2.8	44
62	Identification of the neutral products from the unimolecular dissociation of singly and multiply charged C60 fullerene ions. Journal of Mass Spectrometry, 1995, 30, 33-38.	1.6	43
63	Characterization of linear and branched polyacrylates by tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2008, 392, 595-607.	3.7	42
64	Engineering Ï€â€“Ï€ interactions for enhanced photoluminescent properties: unique discrete dimeric packing of perylene diimides. RSC Advances, 2017, 7, 6530-6537.	3.6	42
65	Direct Probe-Atmospheric Pressure Chemical Ionization Mass Spectrometry of Cross-Linked Copolymers and Copolymer Blends. Analytical Chemistry, 2008, 80, 7778-7785.	6.5	41
66	Cascading One-Pot Synthesis of Single-Tailed and Asymmetric Multitailed Giant Surfactants. ACS Macro Letters, 2013, 2, 1026-1032.	4.8	41
67	Characterization of polysorbate 85, a nonionic surfactant, by liquid chromatography vs. ion mobility separation coupled with tandem mass spectrometry. Analytica Chimica Acta, 2014, 808, 83-93.	5.4	41
68	Sorbitolâ€“POSS Interactions on Development of Isotactic Polypropylene Composites. Macromolecules, 2011, 44, 8064-8079.	4.8	40
69	Poly(propylene imine) dendrimer conformations in the gas phase: a tandem mass spectrometry study. International Journal of Mass Spectrometry, 2002, 214, 75-88.	1.5	39
70	Stable, trinuclear Zn(ii)- and Cd(ii)-metallocycles: TWIM-MS, photophysical properties, and nanofiber formation. Dalton Transactions, 2012, 41, 11573.	3.3	39
71	Differentiation of Linear and Cyclic Polymer Architectures by MALDI Tandem Mass Spectrometry (MALDI-MS²). Journal of the American Society for Mass Spectrometry, 2013, 24, 74-82.	2.8	38
72	Supercharged, Precise, Megametallodendrimers via a Single-Step, Quantitative, Assembly Process. Journal of the American Chemical Society, 2017, 139, 15652-15655.	13.7	37

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73	UV-curable hybrid coatings based on vinylfunctionlized siloxane oligomer and acrylated polyester. Journal of Applied Polymer Science, 2007, 105, 2376-2386.	2.6	35
74	The sodium ion affinities of asparagine, glutamine, histidine and arginine. International Journal of Mass Spectrometry, 2008, 269, 34-45.	1.5	35
75	Generation and characterization of dihydroxycarbene, HOï£¿Cï£¿OH, by neutralization/reionization mass spectrometry. Rapid Communications in Mass Spectrometry, 1994, 8, 804-807.	1.5	34
76	Characterization of Metallosupramolecular Polymers by Top-Down Multidimensional Mass Spectrometry Methods. Macromolecular Rapid Communications, 2015, 36, 1539-1552.	3.9	34
77	Thiol-Michael â€œclickâ€•chemistry: another efficient tool for head functionalization of giant surfactants. Polymer Chemistry, 2014, 5, 6151-6162.	3.9	33
78	Synthesis and mass spectrometry characterization of centrally and terminally amine-functionalized polyisobutylenes. Journal of Polymer Science Part A, 2005, 43, 946-958.	2.3	32
79	Multilevel Manipulation of Supramolecular Structures of Giant Molecules via Macromolecular Composition and Sequence. ACS Macro Letters, 2018, 7, 635-640.	4.8	31
80	Sequential â€œClickâ€•Synthesis of â€œNano-Diamond-Ring-likeâ€•Giant Surfactants Based on Functionalized Hydrophilic POSS/C₆₀ Tethered with Cyclic Polystyrenes. Macromolecules, 2014, 47, 4160-4168.	4.8	30
81	Detection of Surface Enrichment Driven by Molecular Weight Disparity in Virtually Monodisperse Polymers. ACS Macro Letters, 2018, 7, 487-492.	4.8	29
82	Cooperative Soft-Cluster Glass in Giant Molecular Clusters. Macromolecules, 2019, 52, 4341-4348.	4.8	29
83	Î±-Glycyl cation, radical, and anion (H2NCH+/Â·/â^'COOH): Generation and characterization in the gas phase. Journal of the American Society for Mass Spectrometry, 1999, 10, 1241-1247.	2.8	28
84	Probing Surface Concentration of Cyclic/Linear Blend Films Using Surface Layer MALDI-TOF Mass Spectrometry. ACS Macro Letters, 2012, 1, 1024-1027.	4.8	28
85	Synthesis and characterization of reversible and selfâ€healable networks based on acylhydrazone groups. Polymer International, 2014, 63, 1558-1565.	3.1	28
86	T₁₀ Polyhedral Oligomeric Silsesquioxane-Based Shape Amphiphiles with Diverse Head Functionalities via â€œClickâ€•Chemistry. ACS Macro Letters, 2014, 3, 900-905.	4.8	28
87	Breaking Parallel Orientation of Rods via a Dendritic Architecture toward Diverse Supramolecular Structures. Angewandte Chemie - International Edition, 2019, 58, 11879-11885.	13.8	28
88	Anionic Synthesis of Chain-End and In-Chain, Cyano-Functionalized Polystyrenes by Hydrosilylation of Allyl Cyanide with Silyl Hydride-Functionalized Polystyrenes. Macromolecules, 2009, 42, 494-501.	4.8	26
89	Towards Molecular Construction Platforms: Synthesis of a Metallotricyclic Spirane Based on Bis(2,2â€²:6â€²,2â€œâ€Terpyridine)Ru^{II} Connectivity. Chemistry - A European Journal, 2014, 20, 11291-11294.	3.3	26
90	Ringâ€Opening Copolymerization of Maleic Anhydride with Functional Epoxides: Poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Edition, 2018, 57, 12759-12764.	13.8	26

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91	Differentiation of N- from C-Protonated Aniline by Neutralization-Reionization. , 1996, 31, 1169-1172.		25
92	Unimolecular Chemistry of Li+- and Na+-Coordinated Polyglycol Radicals, a New Class of Distonic Radical Cations. Journal of the American Chemical Society, 2000, 122, 12786-12794.	13.7	25
93	Directed flexibility: self-assembly of a supramolecular tetrahedron. Chemical Communications, 2015, 51, 3820-3823.	4.1	25
94	Biomimetic carbocationic polymerizations III: Investigation of isoprene polymerization initiated by dimethyl allyl bromide. Journal of Polymer Science Part A, 2009, 47, 2172-2180.	2.3	24
95	Sequence Analysis of Styrenic Copolymers by Tandem Mass Spectrometry. Analytical Chemistry, 2014, 86, 9576-9582.	6.5	24
96	Composition and Function of Spider Glues Maintained During the Evolution of Cobwebs. Biomacromolecules, 2015, 16, 3373-3380.	5.4	24
97	Tandem mass spectrometry and ion mobility mass spectrometry for the analysis of molecular sequence and architecture of hyperbranched glycopolymers. Analyst, The, 2015, 140, 1182-1191.	3.5	23
98	Electron transfer dissociation of sodium cationized polyesters: Reaction time effects and combination with collisional activation and ion mobility separation. International Journal of Mass Spectrometry, 2015, 378, 303-311.	1.5	22
99	Top-down mass spectrometry of hybrid materials with hydrophobic peptide and hydrophilic or hydrophobic polymer blocks. Analyst, The, 2015, 140, 7550-7564.	3.5	22
100	The distonic ion Â·CH2CH2CH+OH, keto ion CH3CH2CH=O +Â·, enol ion CH3CH=CHOH+Â·, and related C3H6O+Â· radical cations. Stabilities and isomerization proclivities studied by dissociation and neutralization-reionization. Journal of the American Society for Mass Spectrometry, 1996, 7, 573-589.	2.8	21
101	Electron transfer dissociation versus collisionally activated dissociation of cationized biodegradable polyesters. Journal of Mass Spectrometry, 2012, 47, 1442-1449.	1.6	21
102	One Ligand in Dual Roles: Selfâ€Assembly of a Bisâ€Rhomboidalâ€Shaped, Threeâ€Dimensional Molecular Wheel. Chemistry - A European Journal, 2014, 20, 13094-13098.	3.3	21
103	Tandem mass spectrometry of peptides: Mechanistic aspects and structural information based on neutral losses. Iiâ€”Tri- and larger peptides. Organic Mass Spectrometry, 1994, 29, 382-390.	1.3	20
104	First generation and characterization of the enol of glycine, H2N?CH?C(OH)2, in the gas phase. , 2000, 35, 251-257.		20
105	Anionic synthesis of a â€œclickableâ€•middle-chain azidefunctionalized polystyrene and its application in shape amphiphiles. Chinese Journal of Polymer Science (English Edition), 2013, 31, 71-82.	3.8	20
106	Sulfonation Distribution in Sulfonated Polystyrene Ionomers Measured by MALDI-ToF MS. ACS Macro Letters, 2013, 2, 217-221.	4.8	20
107	Multidimensional mass spectrometry methods for the structural characterization of cyclic polymers. Reactive and Functional Polymers, 2014, 80, 95-108.	4.1	20
108	Degradable Polymer Structures from Carbon Dioxide and Butadiene. ACS Macro Letters, 2021, 10, 1254-1259.	4.8	20

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109	Biomimetic processes. IV. Carbocationic polymerization of isoprene initiated by dimethyl allyl alcohol. Journal of Polymer Science Part A, 2009, 47, 2181-2189.	2.3	19
110	Potent sirtuin inhibition bestowed by l-2-amino-7-carboxamidoheptanoic acid (l-ACAH), a NÎµ-acetyl-lysine analog. MedChemComm, 2011, 2, 291.	3.4	19
111	High-fidelity fabrication of Auâ€“polymer Janus nanoparticles using a solution template approach. Soft Matter, 2012, 8, 2965.	2.7	19
112	Interfacing Multistage Mass Spectrometry with Liquid Chromatography or Ion Mobility Separation for Synthetic Polymer Analysis. European Journal of Mass Spectrometry, 2012, 18, 113-137.	1.0	18
113	Peryleneâ€Based Bisâ€, Tetrakisâ€, and Hexakis(terpyridine) Ligands and Their Ruthenium(II)â€“Bis(terpyridine) Complexes: Synthesis and Photophysical Properties. European Journal of Organic Chemistry, 2013, 2013, 3640-3644.	2.4	18
114	Multicomponent reassembly of terpyridine-based materials: quantitative metallomacrocyclic rearrangement. Chemical Communications, 2015, 51, 12851-12854.	4.1	18
115	Sequence isomeric giant surfactants with distinct self-assembly behaviors in solution. Chemical Communications, 2019, 55, 636-639.	4.1	18
116	Distonic IonÂ·CH2CH2SCH+2 and the Isomeric Trimethylene and Propylene Sulfide Radical Cations. Assessment of Structures and Reactivities via Decomposition and Redox Reactions. , 1996, 10, 235-241.		17
117	Functionalization of Poly(styryllithium) with 1-Butene Oxide. Macromolecular Chemistry and Physics, 2001, 202, 1761-1767.	2.2	17
118	Functionalization of polymeric organolithium compounds with 3,4-epoxy-1-butene: Precursors for diene-functionalized macromonomers. Journal of Polymer Science Part A, 2003, 41, 947-957.	2.3	17
119	Selfâ€Assembly and Characterization of 3D Metallamacrocycles: A Study of Supramolecular Constitutional Isomers. European Journal of Inorganic Chemistry, 2013, 2013, 2492-2497.	2.0	17
120	Fine-tuned order-order phase transitions in giant surfactants via interfacial engineering. Giant, 2020, 1, 100002.	5.1	17
121	Tandem mass spectrometry of peptides: Sequence information based on neutral losses. Iâ€”isomeric dipeptides. Organic Mass Spectrometry, 1993, 28, 1041-1046.	1.3	16
122	Multidimensional Mass Spectrometry Coupled with Separation by Polarity or Shape for the Characterization of Sugar-Based Nonionic Surfactants. Analytical Chemistry, 2016, 88, 851-857.	6.5	16
123	Programmed Molecular Engineering: Stepwise, Multicomponent Assembly of a Dimetallic Metallotriangulane. European Journal of Organic Chemistry, 2016, 2016, 5091-5095.	2.4	15
124	Concentration dependent supramolecular interconversions of triptycene-based cubic, prismatic, and tetrahedral structures. Dalton Transactions, 2018, 47, 14189-14194.	3.3	15
125	Nonenzymatic RNA Oligomerization at the Mineralâ€“Water Interface: An Insight into the Adsorptionâ€“Polymerization Relationship. Journal of Physical Chemistry C, 2018, 122, 29386-29397.	3.1	15
126	Surface Layer Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging: A Surface Imaging Technique for the Molecular-Level Analysis of Synthetic Material Surfaces. Analytical Chemistry, 2018, 90, 13427-13433.	6.5	15

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127	Modularly Constructed Polyhedral Oligomeric Silsesquioxane-Based Giant Molecules for Unconventional Nanostructure Fabrication. ACS Applied Nano Materials, 2020, 3, 2952-2958.	5.0	15
128	Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry investigations of polystyrene and poly(methyl methacrylate) produced by monoacylphosphine oxide photoinitiation. Journal of Polymer Science Part A, 2007, 45, 2161-2171.	2.3	14
129	Characterization of polyethylenimine by electrospray ionization and matrix-assisted laser desorption/ionization. Journal of Mass Spectrometry, 2011, 46, 876-883.	1.6	14
130	Valency-Dependent Affinity of Bioactive Hydroxyapatite-Binding Dendrons. Biomacromolecules, 2013, 14, 3304-3313.	5.4	14
131	Syntheses of quaternary ammonium-containing, trithiocarbonate RAFT agents and hemi-telechelic cationomers. Polymer Chemistry, 2014, 5, 1180-1190.	3.9	14
132	Mass Spectrometry and Ion Mobility Characterization of Bioactive Peptideâ€“Synthetic Polymer Conjugates. Analytical Chemistry, 2017, 89, 1170-1177.	6.5	14
133	Synthesis of highly selective lysosomal markers by coupling 2-(2â€²-hydroxyphenyl)benzothiazole (HBT) with benzothiazolium cyanine (Cy): the impact of substituents on selectivity and optical properties. Journal of Materials Chemistry B, 2019, 7, 7502-7514.	5.8	14
134	Structural Characterization of Quinoxaline Homopolymers and Quinoxaline/Ether Sulfone Copolymers by Matrix-Assisted Laser Desorption Ionization Mass Spectrometry. Analytical Chemistry, 2001, 73, 1948-1958.	6.5	13
135	Synthesis of Ï‰â€sulfonated polystyrene via reversible addition fragmentation chain transfer polymerization and postpolymerization modification. Journal of Polymer Science Part A, 2011, 49, 5100-5108.	2.3	13
136	Group 8 Metallomacrocycles â€“ Synthesis, Characterization, and Stability. European Journal of Inorganic Chemistry, 2015, 2015, 5662-5668.	2.0	13
137	Sequence and Conformational Analysis of Peptideâ€“Polymer Bioconjugates by Multidimensional Mass Spectrometry. Biomacromolecules, 2018, 19, 1498-1507.	5.4	13
138	Sequence analysis of cyclic polyester copolymers using ion mobility tandem mass spectrometry. International Journal of Mass Spectrometry, 2018, 429, 151-157.	1.5	13
139	SierpiÅ„ski Pyramids by Molecular Entanglement. Journal of the American Chemical Society, 2020, 142, 5526-5530.	13.7	13
140	Comments on â€œProton Affinities of Primary Alkanols:Â An Appraisal of the Kinetic Methodâ€• Journal of Physical Chemistry A, 2000, 104, 1359-1361.	2.5	12
141	Functionalization of polymeric organolithium compounds with formaldehyde. Journal of Polymer Science Part A, 2003, 41, 2435-2453.	2.3	12
142	Characterization of singly and multiply PEGylated insulin isomers by reversed-phase ultra-performance liquid chromatography interfaced with ion mobility mass spectrometry. Analytica Chimica Acta, 2018, 1004, 58-66.	5.4	12
143	Efficient Synthesis of Ï‰-(p-Vinylbenzyl)polystyrene by Direct Functionalization of Poly(styryl)lithium withp-Vinylbenzyl Chloride in Hydrocarbon Solvent with Lithium 2,3-Dimethyl-3-pentoxide. Macromolecules, 2006, 39, 1681-1692.	4.8	11
144	Precision synthesis and characterization of thymineâ€functionalized polyisobutylene. Journal of Polymer Science Part A, 2010, 48, 3501-3506.	2.3	11

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145	Supramolecular arrays by the self-assembly of terpyridine-based monomers with transition metal ions. Dalton Transactions, 2018, 47, 7528-7533.	3.3	11
146	Efficient synthesis of well-defined cyclic polystyrenes using anionic polymerization, silicon chloride linking chemistry and metathesis ring closure. Polymer Chemistry, 2016, 7, 5840-5848.	3.9	10
147	Synthesis and Isomeric Characterization of Well-Defined 8-Shaped Polystyrene Using Anionic Polymerization, Silicon Chloride Linking Chemistry, and Metathesis Ring Closure. Macromolecules, 2017, 50, 5779-5789.	4.8	10
148	Stepwise, multicomponent assembly of a molecular trapezoid possessing three different metals. Chemical Communications, 2017, 53, 8038-8041.	4.1	10
149	Breaking Parallel Orientation of Rods via a Dendritic Architecture toward Diverse Supramolecular Structures. Angewandte Chemie, 2019, 131, 12005-12011.	2.0	10
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