

Chrys Wesdemiotis

List of Publications by Year in descending order

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200
papers

8,028
citations

38742

50
h-index

62596

80
g-index

208
all docs

208
docs citations

208
times ranked

5908
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation, identification, and confirmation of cyclic and tadpole macromolecules <i>via</i> UPLC-MS/MS. <i>The Analyst</i> , 2022, 147, 2089-2096.	3.5	1
2	Molecular Geometryâ€Directed Selfâ€Recognition in the Selfâ€Assembly of Giant Amphiphiles. <i>Macromolecular Rapid Communications</i> , 2022, , 2200216.	3.9	1
3	Mass spectrometry investigation into the oxidative degradation of poly(ethylene glycol). <i>Polymer Degradation and Stability</i> , 2021, 183, 109388.	5.8	7
4	Synthesis, characterization, in vitro SAR study, and preliminary in vivo toxicity evaluation of naphthylmethyl substituted bis-imidazolium salts. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115893.	3.0	2
5	Amino Acid Specific Nonenzymatic Montmorilloniteâ€Promoted RNA Polymerization. <i>ChemSystemsChem</i> , 2021, 3, e2000060.	2.6	5
6	Multidimensional Mass Spectrometry of Multicomponent Nonionic Surfactant Blends. <i>Analytical Chemistry</i> , 2021, 93, 12090-12095.	6.5	1
7	Poly(ethylene glycol) Hydrogel Crosslinking Chemistries Identified via Atmospheric Solids Analysis Probe Mass Spectrometry. <i>Macromolecules</i> , 2021, 54, 7754-7764.	4.8	4
8	Elucidation of Low Molecular Weight Polymers in Vehicular Engine Deposits by Multidimensional Mass Spectrometry. <i>Energy & Fuels</i> , 2021, 35, 1691-1700.	5.1	8
9	Degradable Polymer Structures from Carbon Dioxide and Butadiene. <i>ACS Macro Letters</i> , 2021, 10, 1254-1259.	4.8	20
10	Route to Useful Metallomonomers: Step-Wise Construction of Bimetallic Triangles by Site-Specific Metalation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 153-158.	3.7	3
11	Synthesis of poly(methyl methacrylate)-<i>b</i>-poly[(4-vinylphenyl)dimethylsilane]<i>via</i> atom transfer radical polymerization and its in-chain functionalization. <i>Polymer Chemistry</i> , 2020, 11, 876-881.	3.9	2
12	Collision crossâ€section analysis of selfâ€assembled metallomacrocyclic isomers and isobars via ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8717.	1.5	9
13	SierpiÅ„ski Pyramids by Molecular Entanglement. <i>Journal of the American Chemical Society</i> , 2020, 142, 5526-5530.	13.7	13
14	Conformational Characterization of Polyelectrolyte Oligomers and Their Noncovalent Complexes Using Ion Mobility-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 441-449.	2.8	5
15	Modularly Constructed Polyhedral Oligomeric Silsesquioxane-Based Giant Molecules for Unconventional Nanostructure Fabrication. <i>ACS Applied Nano Materials</i> , 2020, 3, 2952-2958.	5.0	15
16	Fine-tuned order-order phase transitions in giant surfactants via interfacial engineering. <i>Giant</i> , 2020, 1, 100002.	5.1	17
17	Elucidating Branching Topology and Branch Lengths in Star-Branched Polymers by Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1981-1991.	2.8	5
18	Enhancing Schwann cell migration using concentration gradients of laminin-derived peptides. <i>Biomaterials</i> , 2019, 218, 119335.	11.4	46

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19	Sequencing of Side-Chain Liquid Crystalline Copolymers by Matrix-Assisted Laser Desorption/Ionization Tandem Mass Spectrometry. <i>Polymers</i> , 2019, 11, 1118.	4.5	5
20	Identification of a Frankâ€“Kasper Z phase from shape amphiphile self-assembly. <i>Nature Chemistry</i> , 2019, 11, 899-905.	13.6	114
21	Sequence isomeric giant surfactants with distinct self-assembly behaviors in solution. <i>Chemical Communications</i> , 2019, 55, 636-639.	4.1	18
22	Breaking Parallel Orientation of Rods via a Dendritic Architecture toward Diverse Supramolecular Structures. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11879-11885.	13.8	28
23	Breaking Parallel Orientation of Rods via a Dendritic Architecture toward Diverse Supramolecular Structures. <i>Angewandte Chemie</i> , 2019, 131, 12005-12011.	2.0	10
24	Cooperative Soft-Cluster Glass in Giant Molecular Clusters. <i>Macromolecules</i> , 2019, 52, 4341-4348.	4.8	29
25	Synthesis, Self-Assembly and Characterization of Tandem Triblock BPOSS-PDI-X Shape Amphiphiles. <i>Molecules</i> , 2019, 24, 2114.	3.8	4
26	Analysis of monodisperse, sequence-defined, and POSS-functionalized polyester copolymers by MALDI tandem mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2019, 25, 164-174.	1.0	8
27	Facile synthesis and linker guided self-assembly of dendron-like amphiphiles. <i>Polymer</i> , 2019, 167, 118-121.	3.8	8
28	Mechanism of 6-Hydroxynicotinate 3-Monooxygenase, a Flavin-Dependent Decarboxylative Hydroxylase Involved in Bacterial Nicotinic Acid Degradation. <i>Biochemistry</i> , 2019, 58, 1751-1763.	2.5	7
29	Synthesis of highly selective lysosomal markers by coupling 2-(2â€“hydroxyphenyl)benzothiazole (HBT) with benzothiazolium cyanine (Cy): the impact of substituents on selectivity and optical properties. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7502-7514.	5.8	14
30	Characterization of supramolecular peptide-polymer bioconjugates using multistage tandem mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2019, 436, 130-136.	1.5	2
31	Monitoring Metalloâ€“Macromolecular Assembly Equilibria by Ion Mobilityâ€“Mass Spectrometry. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1800667.	3.9	3
32	Concentration dependent supramolecular interconversions of triptycene-based cubic, prismatic, and tetrahedral structures. <i>Dalton Transactions</i> , 2018, 47, 14189-14194.	3.3	15
33	Characterization of singly and multiply PEGylated insulin isomers by reversed-phase ultra-performance liquid chromatography interfaced with ion mobility mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1004, 58-66.	5.4	12
34	Detection of Surface Enrichment Driven by Molecular Weight Disparity in Virtually Monodisperse Polymers. <i>ACS Macro Letters</i> , 2018, 7, 487-492.	4.8	29
35	Sequence and Conformational Analysis of Peptideâ€“Polymer Bioconjugates by Multidimensional Mass Spectrometry. <i>Biomacromolecules</i> , 2018, 19, 1498-1507.	5.4	13
36	Magnesium Catalyzed Polymerization of End Functionalized Poly(propylene maleate) and Poly(propylene fumarate) for 3D Printing of Bioactive Scaffolds. <i>Journal of the American Chemical Society</i> , 2018, 140, 277-284.	13.7	67

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37	Sequence analysis of cyclic polyester copolymers using ion mobility tandem mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2018, 429, 151-157.	1.5	13
38	Synthesis and Characterization of Well-Defined, Tadpole-Shaped Polystyrene with a Single Atom Junction Point. <i>Macromolecules</i> , 2018, 51, 9509-9518.	4.8	7
39	Nonenzymatic RNA Oligomerization at the Mineral-Water Interface: An Insight into the Adsorption-Polymerization Relationship. <i>Journal of Physical Chemistry C</i> , 2018, 122, 29386-29397.	3.1	15
40	Synthesis and 3D Printing of PEG-Poly(propylene fumarate) Diblock and Triblock Copolymer Hydrogels. <i>ACS Macro Letters</i> , 2018, 7, 1254-1260.	4.8	50
41	Method for the Synthesis of ^3H -PEGylated Folic Acid and Its Fluorescein-Labeled Derivative. <i>Macromolecules</i> , 2018, 51, 9069-9077.	4.8	9
42	Surface Layer Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging: A Surface Imaging Technique for the Molecular-Level Analysis of Synthetic Material Surfaces. <i>Analytical Chemistry</i> , 2018, 90, 13427-13433.	6.5	15
43	Multilevel Manipulation of Supramolecular Structures of Giant Molecules via Macromolecular Composition and Sequence. <i>ACS Macro Letters</i> , 2018, 7, 635-640.	4.8	31
44	Supramolecular arrays by the self-assembly of terpyridine-based monomers with transition metal ions. <i>Dalton Transactions</i> , 2018, 47, 7528-7533.	3.3	11
45	Ring-Opening Copolymerization of Maleic Anhydride with Functional Epoxides: Poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3 Edition, 2018, 57, 12759-12764.	13.8	26
46	Ring-Opening Copolymerization of Maleic Anhydride with Functional Epoxides: Poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 12941-12946.	2.0	4
47	Subtle End Group Functionalization of Polymer Chains Drives Surface Depletion of Entire Polymer Chains. <i>ACS Macro Letters</i> , 2018, 7, 795-800.	4.8	8
48	Amphiphilic [tpy-MII-tpy] metallotriangles: synthesis, characterisation and hierarchical ordering. <i>Supramolecular Chemistry</i> , 2017, 29, 69-79.	1.2	8
49	Engineering π - π interactions for enhanced photoluminescent properties: unique discrete dimeric packing of perylene diimides. <i>RSC Advances</i> , 2017, 7, 6530-6537.	3.6	42
50	Terpyridine-Based, Flexible Tripods: From a Highly Symmetric Nanosphere to Temperature-Dependent, Irreversible, 3D Isomeric Macromolecular Nanocages. <i>Journal of the American Chemical Society</i> , 2017, 139, 3012-3020.	13.7	56
51	Amphiphilic Polymer Conetworks Based on Interconnected Hydrophobic Star Block Copolymers: Synthesis and Characterization. <i>Macromolecular Symposia</i> , 2017, 372, 69-86.	0.7	5
52	Trehalose Glycopolymer Enhances Both Solution Stability and Pharmacokinetics of a Therapeutic Protein. <i>Bioconjugate Chemistry</i> , 2017, 28, 836-845.	3.6	76
53	Mass Spectrometry and Ion Mobility Characterization of Bioactive Peptide-Synthetic Polymer Conjugates. <i>Analytical Chemistry</i> , 2017, 89, 1170-1177.	6.5	14
54	Supercharged, Precise, Megametallodendrimers via a Single-Step, Quantitative, Assembly Process. <i>Journal of the American Chemical Society</i> , 2017, 139, 15652-15655.	13.7	37

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55	Sequenceâ€Mandated, Distinct Assembly of Giant Molecules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15014-15019.	13.8	57
56	Sequenceâ€Mandated, Distinct Assembly of Giant Molecules. <i>Angewandte Chemie</i> , 2017, 129, 15210-15215.	2.0	9
57	Synthesis and Isomeric Characterization of Well-Defined 8-Shaped Polystyrene Using Anionic Polymerization, Silicon Chloride Linking Chemistry, and Metathesis Ring Closure. <i>Macromolecules</i> , 2017, 50, 5779-5789.	4.8	10
58	Hierarchical Self-Organization of AB _n Dendron-like Molecules into a Supramolecular Lattice Sequence. <i>ACS Central Science</i> , 2017, 3, 860-867.	11.3	69
59	Multidimensional mass spectrometry characterization of isomeric biodegradable polyesters. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 402-410.	1.0	7
60	Topologically Directed Assemblies of Semiconducting Sphereâ€Rod Conjugates. <i>Journal of the American Chemical Society</i> , 2017, 139, 18616-18622.	13.7	51
61	Stepwise, multicomponent assembly of a molecular trapezoid possessing three different metals. <i>Chemical Communications</i> , 2017, 53, 8038-8041.	4.1	10
62	Chain-end and backbone analysis of poly(N-isopropylacrylamide)s using sequential electron transfer dissociation and collisionally activated dissociation. <i>International Journal of Mass Spectrometry</i> , 2017, 413, 61-68.	1.5	7
63	Multidimensional Mass Spectrometry of Synthetic Polymers and Advanced Materials. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1452-1464.	13.8	89
64	Mehrdimensionale Massenspektrometrie von synthetischen Polymeren und modernen Materialien. <i>Angewandte Chemie</i> , 2017, 129, 1474-1487.	2.0	4
65	Polymer architectures via mass spectrometry and hyphenated techniques: A review. <i>Analytica Chimica Acta</i> , 2016, 932, 1-21.	5.4	77
66	Controlled Interconversion of Superposed-Bistriangle, Octahedron, and Cuboctahedron Cages Constructed Using a Single, Terpyridinyl-Based Polyligand and Zn ²⁺ . <i>Journal of the American Chemical Society</i> , 2016, 138, 12344-12347.	13.7	63
67	Efficient synthesis of well-defined cyclic polystyrenes using anionic polymerization, silicon chloride linking chemistry and metathesis ring closure. <i>Polymer Chemistry</i> , 2016, 7, 5840-5848.	3.9	10
68	Programmed Molecular Engineering: Stepwise, Multicomponent Assembly of a Dimetallic Metallotriangulane. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5091-5095.	2.4	15
69	Ultrahigh Performance Liquid Chromatography Interfaced with Mass Spectrometry and Orthogonal Ion Mobility Separation for the Microstructure Characterization of Amphiphilic Block Copolymers. <i>Chromatographia</i> , 2016, 79, 961-969.	1.3	9
70	Geometry induced sequence of nanoscale Frankâ€Kasper and quasicrystal mesophases in giant surfactants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14195-14200.	7.1	201
71	Hydrophobicâ€Driven, Metallomacrocyclic Assembly â€ Towards Quantitative Construction. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1671-1677.	2.0	6
72	Toward Controlled Hierarchical Heterogeneities in Giant Molecules with Precisely Arranged Nano Building Blocks. <i>ACS Central Science</i> , 2016, 2, 48-54.	11.3	76

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73	Group 13 Superacid Adducts of $[PCl_2N]_3$. <i>Inorganic Chemistry</i> , 2016, 55, 3283-3293.	4.0	9
74	Multidimensional Mass Spectrometry Coupled with Separation by Polarity or Shape for the Characterization of Sugar-Based Nonionic Surfactants. <i>Analytical Chemistry</i> , 2016, 88, 851-857.	6.5	16
75	Electron Transfer Dissociation of Doubly Charged Ions with Different Cationizing Agents. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 713-723.	1.0	1
76	Macromol. Rapid Commun. 17/2015. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1616-1616.	3.9	0
77	Group 8 Metallomacrocycles – Synthesis, Characterization, and Stability. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5662-5668.	2.0	13
78	Precise Molecular Fission and Fusion: Quantitative Self-Assembly and Chemistry of a Metallo-Cuboctahedron. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9224-9229.	13.8	93
79	Characterization of Metallosupramolecular Polymers by Top-Down Multidimensional Mass Spectrometry Methods. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1539-1552.	3.9	34
80	Tandem mass spectrometry and ion mobility mass spectrometry for the analysis of molecular sequence and architecture of hyperbranched glycopolymers. <i>Analyst</i> , 2015, 140, 1182-1191.	3.5	23
81	Directed flexibility: self-assembly of a supramolecular tetrahedron. <i>Chemical Communications</i> , 2015, 51, 3820-3823.	4.1	25
82	Electron transfer dissociation of sodium cationized polyesters: Reaction time effects and combination with collisional activation and ion mobility separation. <i>International Journal of Mass Spectrometry</i> , 2015, 378, 303-311.	1.5	22
83	Multicomponent reassembly of terpyridine-based materials: quantitative metallomacrocyclic rearrangement. <i>Chemical Communications</i> , 2015, 51, 12851-12854.	4.1	18
84	Amphiphilic Polymer Conetworks Based on End-Linked –Core-First–Star Block Copolymers: Structure Formation with Long-Range Order. <i>ACS Macro Letters</i> , 2015, 4, 1163-1168.	4.8	50
85	Composition and Function of Spider Glues Maintained During the Evolution of Cobwebs. <i>Biomacromolecules</i> , 2015, 16, 3373-3380.	5.4	24
86	Top-down mass spectrometry of hybrid materials with hydrophobic peptide and hydrophilic or hydrophobic polymer blocks. <i>Analyst</i> , 2015, 140, 7550-7564.	3.5	22
87	Towards Molecular Construction Platforms: Synthesis of a Metallo-tricyclic Spirane Based on Bis(2,2',6,6'-terpyridine)Ru ^{II} Connectivity. <i>Chemistry - A European Journal</i> , 2014, 20, 11291-11294.	3.3	26
88	Probing a Hidden World of Molecular Self-Assembly: Concentration-Dependent, Three-Dimensional Supramolecular Interconversions. <i>Journal of the American Chemical Society</i> , 2014, 136, 18149-18155.	13.7	104
89	Preface. <i>Analytica Chimica Acta</i> , 2014, 808, 1-2.	5.4	1
90	Syntheses of quaternary ammonium-containing, trithiocarbonate RAFT agents and hemi-telechelic cationomers. <i>Polymer Chemistry</i> , 2014, 5, 1180-1190.	3.9	14

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91	Characterization of polysorbate 85, a nonionic surfactant, by liquid chromatography vs. ion mobility separation coupled with tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 808, 83-93.	5.4	41
92	Self-assembly of a family of suprametallomacrocycles: revisiting an o-carborane bisterpyridyl building block. <i>Dalton Transactions</i> , 2014, 43, 9604-9611.	3.3	45
93	A mononuclear zinc complex for selective detection of diphosphate via ESIPT fluorescence turn-on. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3349.	5.8	55
94	Synthesis and characterization of reversible and self-healable networks based on acylhydrazone groups. <i>Polymer International</i> , 2014, 63, 1558-1565.	3.1	28
95	DNA damage by oxo- and peroxy-chromium(IV) complexes: insight into the mutation and carcinogenesis mechanisms. <i>Toxicology Research</i> , 2014, 3, 56-66.	2.1	4
96	Sequence Analysis of Styrenic Copolymers by Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 9576-9582.	6.5	24
97	One Ligand in Dual Roles: Self-Assembly of a Bis-Rhomboidal-Shaped, Three-Dimensional Molecular Wheel. <i>Chemistry - A European Journal</i> , 2014, 20, 13094-13098.	3.3	21
98	Tuning thiol-ene reactions toward controlled symmetry breaking in polyhedral oligomeric silsesquioxanes. <i>Chemical Science</i> , 2014, 5, 1046-1053.	7.4	61
99	One-Step Multicomponent Self-Assembly of a First-Generation Sierpinski Triangle: From Fractal Design to Chemical Reality. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12182-12185.	13.8	87
100	Sequential Click-Synthesis of Nano-Diamond-Ring-like Giant Surfactants Based on Functionalized Hydrophilic POSS/C ₆₀ Tethered with Cyclic Polystyrenes. <i>Macromolecules</i> , 2014, 47, 4160-4168.	4.8	30
101	Thiol-Michael click-chemistry: another efficient tool for head functionalization of giant surfactants. <i>Polymer Chemistry</i> , 2014, 5, 6151-6162.	3.9	33
102	T ₁₀ Polyhedral Oligomeric Silsesquioxane-Based Shape Amphiphiles with Diverse Head Functionalities via Click-Chemistry. <i>ACS Macro Letters</i> , 2014, 3, 900-905.	4.8	28
103	Construction of a Highly Symmetric Nanosphere via a One-Pot Reaction of a Tristerpyridine Ligand with Ru(II). <i>Journal of the American Chemical Society</i> , 2014, 136, 8165-8168.	13.7	80
104	Multidimensional mass spectrometry methods for the structural characterization of cyclic polymers. <i>Reactive and Functional Polymers</i> , 2014, 80, 95-108.	4.1	20
105	Anionic synthesis of a clickable middle-chain azidefunctionalized polystyrene and its application in shape amphiphiles. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 71-82.	3.8	20
106	Peptide-Functionalized Oxime Hydrogels with Tunable Mechanical Properties and Gelation Behavior. <i>Biomacromolecules</i> , 2013, 14, 3749-3758.	5.4	102
107	Cascading One-Pot Synthesis of Single-Tailed and Asymmetric Multitailed Giant Surfactants. <i>ACS Macro Letters</i> , 2013, 2, 1026-1032.	4.8	41
108	Valency-Dependent Affinity of Bioactive Hydroxyapatite-Binding Dendrons. <i>Biomacromolecules</i> , 2013, 14, 3304-3313.	5.4	14

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109	Exploring shape amphiphiles beyond giant surfactants: molecular design and click synthesis. <i>Polymer Chemistry</i> , 2013, 4, 1056-1067.	3.9	54
110	Differentiation of Linear and Cyclic Polymer Architectures by MALDI Tandem Mass Spectrometry (MALDI-MS ²). <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 74-82.	2.8	38
111	Self-Assembly and Characterization of 3D Metallamacrocycles: A Study of Supramolecular Constitutional Isomers. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2492-2497.	2.0	17
112	Self-Assembly of a Supramolecular, Three-Dimensional, Spoked, Bicycle-Like Wheel. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7728-7731.	13.8	81
113	Dielectric Relaxation and Rheological Behavior of Supramolecular Polymeric Liquid. <i>Macromolecules</i> , 2013, 46, 3160-3166.	4.8	56
114	Perylene-Based Bis-, Tetrakis-, and Hexakis(terpyridine) Ligands and Their Ruthenium(II)-Bis(terpyridine) Complexes: Synthesis and Photophysical Properties. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3640-3644.	2.4	18
115	Schiff base polymers derived from 2,5-diformylfuran. <i>Polymer International</i> , 2013, 62, 1517-1523.	3.1	70
116	Sulfonation Distribution in Sulfonated Polystyrene Ionomers Measured by MALDI-ToF MS. <i>ACS Macro Letters</i> , 2013, 2, 217-221.	4.8	20
117	General Functionalization Method for Synthesis of π -Functionalized Polymers by Combination of Anionic Polymerization and Hydrosilation Chemistry. <i>Macromolecular Symposia</i> , 2013, 323, 51-57.	0.7	7
118	Interfacing Multistage Mass Spectrometry with Liquid Chromatography or Ion Mobility Separation for Synthetic Polymer Analysis. <i>European Journal of Mass Spectrometry</i> , 2012, 18, 113-137.	1.0	18
119	Electron transfer dissociation versus collisionally activated dissociation of cationized biodegradable polyesters. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1442-1449.	1.6	21
120	Stable, trinuclear Zn(II)- and Cd(II)-metallocycles: TWIM-MS, photophysical properties, and nanofiber formation. <i>Dalton Transactions</i> , 2012, 41, 11573.	3.3	39
121	Probing Surface Concentration of Cyclic/Linear Blend Films Using Surface Layer MALDI-TOF Mass Spectrometry. <i>ACS Macro Letters</i> , 2012, 1, 1024-1027.	4.8	28
122	From supramolecular triangle to heteroleptic rhombus: a simple bridge can make a difference. <i>Chemical Communications</i> , 2012, 48, 9873.	4.1	45
123	High-fidelity fabrication of Au-polymer Janus nanoparticles using a solution template approach. <i>Soft Matter</i> , 2012, 8, 2965.	2.7	19
124	Stoichiometric Self-Assembly of Isomeric, Shape-Persistent, Supramacromolecular Bowtie and Butterfly Structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 7672-7675.	13.7	100
125	Giant Molecular Shape Amphiphiles Based on Polystyrene-Hydrophilic [60]Fullerene Conjugates: Click Synthesis, Solution Self-Assembly, and Phase Behavior. <i>Journal of the American Chemical Society</i> , 2012, 134, 7780-7787.	13.7	138
126	Characterization of polyisobutylene succinic anhydride chemistries using mass spectrometry. <i>Journal of Applied Polymer Science</i> , 2012, 124, 2682-2690.	2.6	3

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127	Potent sirtuin inhibition bestowed by l-2-amino-7-carboxamidoheptanoic acid (l-ACAH), a N ¹ -acetyl-lysine analog. <i>MedChemComm</i> , 2011, 2, 291.	3.4	19
128	Synthesis of Cyclic Polystyrenes Using Living Anionic Polymerization and Metathesis Ring-Closure. <i>Macromolecules</i> , 2011, 44, 7538-7545.	4.8	51
129	Separation and Characterization of Metallosupramolecular Libraries by Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 6667-6674.	6.5	59
130	Stoichiometric Self-Assembly of Shape-Persistent 2D Complexes: A Facile Route to a Symmetric Supramacromolecular Spoked Wheel. <i>Journal of the American Chemical Society</i> , 2011, 133, 11450-11453.	13.7	147
131	Gradient Tandem Mass Spectrometry Interfaced with Ion Mobility Separation for the Characterization of Supramolecular Architectures. <i>Analytical Chemistry</i> , 2011, 83, 1284-1290.	6.5	90
132	Breaking Symmetry toward Nonspherical Janus Particles Based on Polyhedral Oligomeric Silsesquioxanes: Molecular Design, "Click" Synthesis, and Hierarchical Structure. <i>Journal of the American Chemical Society</i> , 2011, 133, 10712-10715.	13.7	148
133	Design, Synthesis, and Traveling Wave Ion Mobility Mass Spectrometry Characterization of Iron(II) and Ruthenium(II) Terpyridine Metallomacrocycles. <i>Journal of the American Chemical Society</i> , 2011, 133, 11967-11976.	13.7	158
134	Sorbitol-POSS Interactions on Development of Isotactic Polypropylene Composites. <i>Macromolecules</i> , 2011, 44, 8064-8079.	4.8	40
135	Top-Down Multidimensional Mass Spectrometry Methods for Synthetic Polymer Analysis. <i>Macromolecules</i> , 2011, 44, 4555-4564.	4.8	65
136	Synthesis of α -sulfonated polystyrene via reversible addition fragmentation chain transfer polymerization and postpolymerization modification. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5100-5108.	2.3	13
137	Characterization of polyethylenimine by electrospray ionization and matrix-assisted laser desorption/ionization. <i>Journal of Mass Spectrometry</i> , 2011, 46, 876-883.	1.6	14
138	Fragmentation pathways of polymer ions. <i>Mass Spectrometry Reviews</i> , 2011, 30, 523-559.	5.4	170
139	Characterization of Polyurethane Formulations by Direct Probe Atmospheric Pressure Chemical Ionization Mass Spectrometry. <i>Rubber Chemistry and Technology</i> , 2010, 83, 35-45.	1.2	6
140	Hexameric Palladium(II) Terpyridyl Metallomacrocycles: Assembly with 4,4'-bipyridine and Characterization by TWIM Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6539-6544.	13.8	70
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