Harry W Gibson

List of Publications by Year
in descending order

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278 papers	13,836 citations	14644 66 h-index	27389 106 g-index
294 all docs	294 docs citations	294 times ranked	6511 citing authors

#	Article	IF	Citations
1	Polypseudorotaxanes and polyrotaxanes. Progress in Polymer Science, 2005, 30, 982-1018.	11.8	505
2	Polycatenanes. Chemical Reviews, 2009, 109, 6024-6046.	23.0	424
3	Metal Coordination Mediated Reversible Conversion between Linear and Crossâ€Linked Supramolecular Polymers. Angewandte Chemie - International Edition, 2010, 49, 1090-1094.	7.2	415
4	Rotaxanes, catenanes, polyrotaxanes, polycatenanes and related materials. Progress in Polymer Science, 1994, 19, 843-945.	11.8	373
5	Stimuli-Responsive Hostâ€“Guest Systems Based on the Recognition of Cryptands by Organic Guests. Accounts of Chemical Research, 2014, 47, 1995-2005.	7.6	301
6	Supramolecular Pseudorotaxane Polymers from Complementary Pairs of Homoditopic Molecules. Journal of the American Chemical Society, 2003, 125, 3522-3533.	6.6	277
7	Supramolecular AAâ˜BB-Type Linear Polymers with Relatively High Molecular Weights via the Self-Assembly of Bis(m-phenylene)-32-Crown-10 Cryptands and a Bisparaquat Derivative. Journal of the American Chemical Society, 2011, 133, 2836-2839.	6.6	270
8	In Vitro and in Vivo Imaging Studies of a New Endohedral Metallofullerene Nanoparticle. Radiology, 2006, 240, 756-764.	3.6	209
9	Formation of a Supramolecular Hyperbranched Polymer from Self-Organization of an AB2Monomer Containing a Crown Ether and Two Paraquat Moieties. Journal of the American Chemical Society, 2004, 126, 14738-14739.	6.6	206
10	Polyrotaxanes: Molecular composites derived by physical linkage of cyclic and linear species. Advanced Materials, 1993, 5, 11-21.	11.1	200
11	Ion Pairing and Hostâ˜Guest Complexation in Low Dielectric Constant Solvents. Journal of the American Chemical Society, 2003, 125, 7001-7004.	6.6	196
12	Formation of Supramolecular Polymers from Homoditopic Molecules Containing Secondary Ammonium Ions and Crown Ether Moieties. Angewandte Chemie - International Edition, 1999, 38, 143-147.	7.2	195
13	Recent developments in polypseudorotaxanes and polyrotaxanes. Progress in Polymer Science, 2014, 39, 1043-1073.	11.8	194
14	A Supramolecular Triarm Star Polymer from a Homotritopic Tris(Crown Ether) Host and a Complementary Monotopic Paraquat-Terminated Polystyrene Guest by a Supramolecular Coupling Method. Journal of the American Chemical Society, 2005, 127, 484-485.	6.6	183
15	Self-Organization of a Heteroditopic Molecule to Linear Polymolecular Arrays in Solution. Angewandte Chemie - International Edition, 1998, 37, 2361-2364.	7.2	177
16	Structure and Enhanced Reactivity Rates of theD5hSc3N@C80and Lu3N@C80Metallofullerene Isomers:Â The Importance of the Pyracylene Motif. Journal of the American Chemical Society, 2006, 128, 8581-8589.	6.6	172
17	Cooperative Self-Assembly of Dendrimers via Pseudorotaxane Formation from a Homotritopic Guest Molecule and Complementary Monotopic Host Dendrons. Journal of the American Chemical Society, 2002, 124, 4653-4665.	6.6	168
18	Ion Pairing in Fast-Exchange Hostâ˜Guest Systems:Â Concentration Dependence of Apparent Association Constants for Complexes of Neutral Hosts and Divalent Guest Salts with Monovalent Counterions. Journal of the American Chemical Society, 2003, 125, 14458-14464.	6.6	163

#	Article	IF	Citations
19	Ionic Conduction and Dielectric Response of Poly(imidazolium acrylate) Ionomers. Macromolecules, 2012, 45, 3974-3985.	2.2	151
20	Synthesis and Preliminary Characterization of Some Polyester Rotaxanes. Journal of the American Chemical Society, 1995, 117, 852-874.	6.6	147
21	A Pirouette on a Metallofullerene Sphere:â€‰ Interconversion of Isomers of N-Tritylpyrrolidino Ih Sc3N@C80. Journal of the American Chemical Society, 2006, 128, 6486-6492.	6.6	138
22	A Cryptand/Bisparaquat [3]Pseudorotaxane by Cooperative Complexation. Journal of the American Chemical Society, 2003, 125, 9272-9273.	6.6	137
23	Bis(m-phenylene)-32-crown-10-Based Cryptands, Powerful Hosts for Paraquat Derivatives. Journal of Organic Chemistry, 2005, 70, 3231-3241.	1.7	134
24	First Pseudorotaxane-Like [3]Complexes Based on Cryptands and Paraquat:Â Self-Assembly and Crystal Structures. Journal of the American Chemical Society, 2003, 125, 9367-9371.	6.6	133
25	Chemistry of formic acid and its simple derivatives. Chemical Reviews, 1969, 69, 673-692.	23.0	130
26	Purification of Endohedral Trimetallic Nitride Fullerenes in a Single, Facile Step. Journal of the American Chemical Society, 2005, 127, 16292-16298.	6.6	128
27	Formation of a Linear Supramolecular Polymer by Self-Assembly of Two Homoditopic Monomers Based on the Bis(m-phenylene)-32-crown-10/Paraquat Recognition Motif. Macromolecules, 2007, 40, 3561-3567.	2.2	127
28	High Relaxivity Trimetallic Nitride (Gd₃N) Metallofullerene MRI Contrast Agents with Optimized Functionality. Bioconjugate Chemistry, 2010, 21, 610-615.	1.8	127
29	Polymerized Ionic Liquids with Enhanced Static Dielectric Constants. Macromolecules, 2013, 46, 1175-1186.	2.2	126
30	Ion Conduction in Imidazolium Acrylate Ionic Liquids and their Polymers. Chemistry of Materials, 2010, 22, 5814-5822.	3.2	124
31	Facile Preparation of a New Gadofullerene-Based Magnetic Resonance Imaging Contrast Agent with High ¹H Relaxivity. Bioconjugate Chemistry, 2009, 20, 1186-1193.	1.8	119
32	New triarylmethyl derivatives: "blocking groups" for rotaxanes and polyrotaxanes. Journal of Organic Chemistry, 1993, 58, 3748-3756.	1.7	111
33	A New Cryptand:Â Synthesis and Complexation with Paraquat. Organic Letters, 1999, 1, 1001-1004.	2.4	111
34	Controlling Polymeric Topology by Polymerization Conditions:Â Mechanically Linked Network and Branched Poly(urethane rotaxane)s with Controllable Polydispersity. Journal of the American Chemical Society, 1997, 119, 8585-8591.	6.6	106
35	Synthesis of a rotaxane via the template method. Chemistry of Materials, 1991, 3, 569-572.	3.2	105
36	Controlling Microstructure in Polymeric Molecular Shuttles: Solvent-Induced Localization of Macrocycles in Poly(urethane/crown ether) Rotaxanes. Angewandte Chemie International Edition in English, 1997, 36, 2331-2333.	4.4	103

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37	Encapsulation of a Radiolabeled Cluster Inside a Fullerene Cage, ¹⁷⁷Lu_xLu_(3â^'x)N@C₈₀: An Interleukin-13-Conjugated Radiolabeled Metallofullerene Platform. Journal of the American Chemical Society, 2010, 132, 4980-4981.	6.6	102
38	Imidazolium Polyesters: Structureâ€"Property Relationships in Thermal Behavior, Ionic Conductivity, and Morphology. Advanced Functional Materials, 2011, 21, 708-717.	7.8	94
39	Studies of the Formation of Poly(ester rotaxane)s from Diacid Chlorides, Diols, and Crown Ethers and Their Properties. Macromolecules, 1997, 30, 3711-3727.	2.2	89
40	Self-Threading-Based Approach for Branched and/or Cross-linked Poly(methacrylate rotaxane)s. Journal of the American Chemical Society, 1997, 119, 5862-5866.	6.6	88
41	Selective Formation of a Symmetric Sc₃N@C₇₈ Bisadduct:â€‰ Adduct Docking Controlled by an Internal Trimetallic Nitride Cluster. Journal of the American Chemical Society, 2008, 130, 2136-2137.	6.6	87
42	Poly(1,6-heptadiyne), a free-standing polymer film dopable to high electrical conductivity. Journal of the American Chemical Society, 1983, 105, 4417-4431.	6.6	86
43	Isomeric 2,6-Pyridino-Cryptands Based on Dibenzo-24-crown-8. Journal of Organic Chemistry, 2007, 72, 3381-3393.	1.7	85
44	Main Chain Polyrotaxanes by Threading Crown Ethers onto A Preformed Polyurethane:â€‰ Preparation and Properties. Macromolecules, 1998, 31, 1814-1818.	2.2	84
45	Control of electrical properties of polymers by chemical modification. Polymer, 1984, 25, 3-27.	1.8	78
46	Precision Ionomers: Synthesis and Thermal/Mechanical Characterization. Macromolecules, 2012, 45, 681-687.	2.2	78
47	Difunctional derivatives of bis(m-phenylene)-32-crown-10. Canadian Journal of Chemistry, 1997, 75, 1375-1384.	0.6	76
48	Molecular Volume Effects on the Dynamics of Polymerized Ionic Liquids and their Monomers. Electrochimica Acta, 2015, 175, 55-61.	2.6	76
49	Macrocyclic polymers. 2. Synthesis of poly(amide crown ethers) based on bis(5-carboxy-1,3-phenylene)-32-crown-10. Network formation through threading. Macromolecules, 1992, 25, 4859-4862.	2.2	75
50	Cooperative Host/Guest Interactions via Counterion Assisted Chelation:Â Pseudorotaxanes from Supramolecular Cryptands. Journal of the American Chemical Society, 2002, 124, 13378-13379.	6.6	75
51	Linear free energy relations. V. Triboelectric charging of organic solids. Journal of the American Chemical Society, 1975, 97, 3832-3833.	6.6	74
52	Synthesis and Characterization of a Polyester/Crown Ether Rotaxane Derived from a Difunctional Blocking Group. Macromolecules, 1996, 29, 7029-7033.	2.2	74
53	Poly(urethane/crown ether rotaxane)s with Solvent Switchable Microstructures. Macromolecules, 1998, 31, 308-313.	2.2	73
54	Complexation Equilibria Involving Salts in Nonâ€Aqueous Solvents: Ion Pairing and Activity Considerations. Chemistry - A European Journal, 2011, 17, 3192-3206.	1.7	73

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55	Crowned Dendrimers:â€‰pH-Responsive Pseudorotaxane Formation. Journal of Organic Chemistry, 2003, 68, 2385-2389.	1.7	72
56	Highly Regioselective Derivatization of Trimetallic Nitride Templated Endohedral Metallofullerenes via a Facile Photochemical Reaction. Journal of the American Chemical Society, 2008, 130, 17755-17760.	6.6	72
57	Dendritic Pseudorotaxanes. Angewandte Chemie - International Edition, 1998, 37, 3275-3279.	7.2	71
58	Synthesis of a Symmetric Cylindrical Bis(crown ether) Host and Its Complexation with Paraquat. Journal of Organic Chemistry, 2005, 70, 809-813.	1.7	70
59	Manganese(III)-Catalyzed Free Radical Reactions on Trimetallic Nitride Endohedral Metallofullerenes. Journal of the American Chemical Society, 2007, 129, 15710-15717.	6.6	70
60	Sc₃N@C₇₈:â€‰Encapsulated Cluster Regiocontrol of Adduct Docking on an Ellipsoidal Metallofullerene Sphere. Journal of the American Chemical Society, 2007, 129, 10795-10800.	6.6	70
61	Conjugation of a Water-Soluble Gadolinium Endohedral Fulleride with an Antibody as a Magnetic Resonance Imaging Contrast Agent. Bioconjugate Chemistry, 2008, 19, 651-655.	1.8	70
62	Supramolecular Pseudorotaxane Polymers from Biscryptands and Bisparaquats. Journal of the American Chemical Society, 2018, 140, 4455-4465.	6.6	70
63	A supramolecular poly[3]pseudorotaxane by self-assembly of a homoditopic cylindrical bis(crown) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	69
64	Polyamide Pseudorotaxanes, Rotaxanes, and Catenanes Based on Bis(5-carboxy-1,3-phenylene)-(3x+2)-crown-xEthers. Macromolecules, 2004, 37, 7514-7529.	2.2	68
65	Supramolecular Pseudorotaxane Graft Copolymer from a Crown Ether Polyester and a Complementary Paraquat-Terminated Polystyrene Guest. Macromolecules, 2011, 44, 5987-5993.	2.2	68
66	Synthesis and some properties of polyrotaxanes comprised of polyurethane backbone and crown ethers. Macromolecules, 1992, 25, 2058-2059.	2.2	67
67	High-Yielding, Regiospecific Synthesis of cis(4,4â€²)-Di(carbomethoxybenzo)-30-crown-10, Its Conversion to a Pyridyl Cryptand and Strong Complexation of 2,2â€²- and 4,4â€²-Bipyridinium Derivatives. Journal of Organic Chemistry, 2008, 73, 9094-9101.	1.7	67
68	A hyperbranched, rotaxaneâ€type mechanically interlocked polymer. Journal of Polymer Science Part A, 2010, 48, 4067-4073.	2.5	65
69	Formation of dimers of inclusion cryptand/paraquat complexes driven by dipoleâ€“dipole and face-to-face Ï€-stacking interactions. Chemical Communications, 2004, , 2670-2671.	2.2	64
70	Large-Sized Macrocyclic Monomeric Precursors of Poly(ether ether ketone):Â Synthesis and Polymerization. Macromolecules, 1996, 29, 5502-5504.	2.2	63
71	Self-Assembly of Novel Polyrotaxanes: Main-Chain Pseudopolyrotaxanes with Poly(ester crown ether) Backbones. Angewandte Chemie - International Edition, 1998, 37, 310-314.	7.2	63
72	Chemical Modification of Polymers. 13. Sulfonation of Polystyrene Surfaces. Macromolecules, 1980, 13, 34-41.	2.2	60

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73	Organophosphonate Functionalized Gd@C82 as a Magnetic Resonance Imaging Contrast Agent. Chemistry of Materials, 2008, 20, 2106-2109.	3.2	60
74	Selfâ€assembly of daisy chain oligomers from heteroditopic molecules containing secondary ammonium ion and crown ether moieties. Journal of Polymer Science Part A, 2010, 48, 975-985.	2.5	59
75	Synthesis of Precision Ionic Polyolefins Derived from Ionic Liquids. Macromolecules, 2010, 43, 1699-1701.	2.2	59
76	Polyrotaxanes by in situ self threading during polymerization of functional macrocycles. Part 2: Poly(ester crown ether)s. Tetrahedron, 1997, 53, 15197-15207.	1.0	58
77	Threading/Dethreading Exchange Rates as Structural Probes in Polypseudorotaxanes. Macromolecules, 1999, 32, 1559-1569.	2.2	57
78	First supramolecular poly(taco complex)Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b3/b302682e/. Chemical Communications, 2003, , 1480.	2.2	57
79	In Vitro and in Vivo Studies of Single-Walled Carbon Nanohorns with Encapsulated Metallofullerenes and Exohedrally Functionalized Quantum Dots. Nano Letters, 2010, 10, 2843-2848.	4.5	56
80	Chemical modification of polymers. 19. Oxidation of polyacetylene. Macromolecules, 1982, 15, 242-247.	2.2	55
81	Supramolecular Chemistry with Macromolecules:Â New Self-Assembly based Main Chain Polypseudorotaxanes and Their Properties. Macromolecules, 1998, 31, 5278-5289.	2.2	55
82	Regioselective routes to disubstituted dibenzo crown ethers and their complexations. Organic and Biomolecular Chemistry, 2005, 3, 2114.	1.5	54
83	1,2-Bis[N-(Nâ€²-alkylimidazolium)]ethane salts: a new class of organic ionic plastic crystals. Journal of Materials Chemistry, 2011, 21, 12280.	6.7	54
84	Difunctional paraquat dications (viologens) and their crown complexes: a new class of rotaxane monomers. Macromolecules, 1992, 25, 2786-2788.	2.2	52
85	Structure and Properties of N,N-Alkylene Bis(Nâ€²-Alkylimidazolium) Salts. Journal of Physical Chemistry B, 2010, 114, 7312-7319.	1.2	52
86	Paraquat Substituent Effect on Complexation with a Dibenzo-24-crown-8-Based Cryptand. Journal of Organic Chemistry, 2007, 72, 8935-8938.	1.7	51
87	Syntheses and Structures of Phenyl-C81-Butyric Acid Methyl Esters (PCBMs) from M3N@C80. Organic Letters, 2009, 11, 1753-1756.	2.4	51
88	Synthesis of a novel macrocyclic arylene ether sulfone. Macromolecules, 1993, 26, 2408-2412.	2.2	50
89	Syntheses and Model Complexation Studies of Well-Defined Crown Terminated Polymers. Macromolecules, 2005, 38, 2626-2637.	2.2	50
90	Spectroscopic Characterization of Hydrogen Bonding in Poly(urethaneâ^'rotaxane)s. Macromolecules, 1996, 29, 2555-2562.	2.2	48

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91	Supramolecular chemistry with macromolecules: Macromolecular knitting, reversible formation of branched polyrotaxanes by self-assembly. Macromolecular Chemistry and Physics, 1998, 199, 1801-1806.	1.1	47
92	Supramacromolecular selfâ€assembly: Chain extension, star and block polymers via pseudorotaxane formation from wellâ€defined endâ€functionalized polymers. Journal of Polymer Science Part A, 2009, 47, 3518-3543.	2.5	47
93	Remarkably improved complexation of a bisparaquat by formation of a pseudocryptand-based [3]pseudorotaxane. Chemical Communications, 2005, , 1693.	2.2	46
94	Pseudocryptand-Type [3]Pseudorotaxane and â€œHook-Ringâ€•Polypseudo[2]catenane Based on a Bis(m-phenylene)-32-crown-10 Derivative and Bisparaquat Derivatives. Organic Letters, 2011, 13, 4616-4619.	2.4	45
95	Synthesis of Î±-aminonitriles by self-catalyzed, stoichiometric reaction of primary amines, aldehydes, and trimethylsily cyanide. Tetrahedron Letters, 1992, 33, 6295-6298.	0.7	44
96	Efficient, Thermally Stable, Second Order Nonlinear Optical Response in Organic Hybrid Covalent/Ionic Self-Assembled Films. Langmuir, 2006, 22, 5723-5727.	1.6	44
97	Pseudocryptand-Type [2]Pseudorotaxanes Based on Bis(meta-phenylene)-32-Crown-10 Derivatives and Paraquats with Remarkably Improved Association Constants. Organic Letters, 2011, 13, 3992-3995.	2.4	44
98	A Study of the Complexation of Bis(m-Phenylene) Crown Ethers and Secondary Ammonium Ions. Journal of Organic Chemistry, 1998, 63, 7634-7639.	1.7	43
99	Synthesis of Complementary Host- and Guest-Functionalized Polymeric Building Blocks and Their Self-Assembling Behavior. Macromolecules, 2009, 42, 6483-6494.	2.2	43
100	Synthesis and Characterization of Large (30-60-Membered) Aliphatic Crown Ethers. Journal of Organic Chemistry, 1994, 59, 2186-2196.	1.7	42
101	Synthesis of poly[(styrene)-rotaxa-(crown ether)]s via free radical polymerization. Polymer, 1999, 40, 1823-1832.	1.8	42
102	Stabilities of cooperatively formed cyclic pseudorotaxane dimers. Chemical Communications, 1999, , 789-790.	2.2	42
103	Carbon-13 magic angle NMR study of the isomerization of cis- to trans-polyacetylene. Journal of the American Chemical Society, 1981, 103, 4619-4620.	6.6	41
104	Competitive Interactions of Two Ion-Paired Salts with a Neutral Host To Form Two Non-Ion-Paired Complexes. Journal of Organic Chemistry, 2007, 72, 6573-6576.	1.7	41
105	Synthesis and Characterization of a Non-IPR Fullerene Derivative: Sc3N@C68[C(COOC2H5)2]. Journal of Physical Chemistry C, 2008, 112, 19203-19208.	1.5	41
106	A New Functional Bis(m-phenylene)-32-crown-10-Based Cryptand Host for Paraquats. Journal of Organic Chemistry, 2008, 73, 5570-5573.	1.7	41
107	Linear free energy relations. III. Electrochemical characterization of salicylaldehyde anils. Journal of Organic Chemistry, 1975, 40, 875-879.	1.7	40
108	Polyrotaxanes and related structures: synthesis and properties. Current Opinion in Solid State and Materials Science, 1997, 2, 647-652.	5.6	40

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109	Structure-Property Relationships in Segmented Polyviologen Ionene Rotaxanes. Journal of Macromolecular Science - Pure and Applied Chemistry, 1995, 32, 1-27.	1.2	39
110	Novel Macrocycle by Friedelâ^'Crafts Acylation Cyclization. Macromolecules, 1997, 30, 2516-2518.	2.2	39
111	Unique â€œCradled Barbellâ€•Complex between a Secondary Diammonium Ion and Bis(m-phenylene)-32-crown-10. Organic Letters, 1999, 1, 47-50.	2.4	39
112	The First [2]Pseudorotaxane and the First Pseudocryptand-Type Poly[2]pseudorotaxane Based on Bis(meta-phenylene)-32-Crown-10 and Paraquat Derivatives. Organic Letters, 2011, 13, 2872-2875.	2.4	39
113	Study of Film Structure and Adsorption Kinetics of Polyelectrolyte Multilayer Films: Effect of pH and Polymer Concentration. Langmuir, 2008, 24, 10887-10894.	1.6	38
114	Purification of Trimetallic Nitride Templated Endohedral Metallofullerenes by a Chemical Reaction of Congeners with Eutectic 9-Methylanthracene. Chemistry of Materials, 2008, 20, 4993-4997.	3.2	37
115	Macrocyclic polymers. 1. Synthesis of a poly(ester crown) based on bis(5-carboxy-1,3-phenylene)-32-crown-10 and 4,4'-isopropylidenediphenol (bisphenol A). Macromolecules, 1992, 25, 18-20.	2.2	36
116	Bis(meta-phenylene)-32-crown-10-based cryptand/diquat inclusion [2]complexes. Chemical Communications, 2006, , 1929.	2.2	36
117	Water assisted formation of a pseudorotaxane and its dimer based on a supramolecular cryptandElectronic supplementary information (ESI) available: Experimental details. See http://www.rsc.org/suppdata/cc/b3/b304995g/. Chemical Communications, 2003, , 2122.	2.2	35
118	Dielectric Relaxation Studies of Bisphenol A-Diphenyl Carbonate/Lexan Polycarbonate Solid Solutions. Macromolecules, 1978, 11, 165-171.	2.2	34
119	Syntheses of Monofunctional Derivatives of m-Phenylene-16-crown-5, Bis(m-phenylene)-32-crown-10, and m-Phenylene-p-phenylene-33-crown-10. Journal of Organic Chemistry, 1997, 62, 4798-4803.	1.7	34
120	Dethreading during the preparation of polyrotaxanes. Macromolecular Chemistry and Physics, 1997, 198, 2321-2332.	1.1	34
121	Quantitative Determination of Threading in Rotaxanated Polymers by Diffusion-Ordered NMR Spectroscopy. Macromolecules, 2003, 36, 4833-4837.	2.2	34
122	Linear free energy relationships. Triboelectric charging of poly(olefins). Chemical Physics Letters, 1977, 51, 352-355.	1.2	33
123	A Strategy To Eliminate Dethreading during the Preparation of Poly(ester/crown ether rotaxane)s:Â Use of Difunctional Blocking Groups. Macromolecules, 1997, 30, 4807-4813.	2.2	33
124	Non-covalent chemical modification of crown ether side-chain polymethacrylates with a secondary ammonium salt: a family of new polypseudorotaxanes. Macromolecular Chemistry and Physics, 2000, 201, 815-824.	1.1	33
125	[3]Pseudorotaxanes based on the cryptand/monopyridinium salt recognition motif. Tetrahedron, 2007, 63, 2875-2881.	1.0	33
126	Synthesis and Ring-Opening Polymerization of Single-Sized Aromatic Macrocycles for Poly(arylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	32

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127	Taco grande: a dumbbell bis(crown ether)/paraquat [3](taco complex). Tetrahedron Letters, 2006, 47, 7841-7844.	0.7	32
128	Diastereomeric Reissert Compounds of Isoquinoline and 6,7-Dimethoxy-3,4-dihydroisoquinoline in Stereoselective Synthesisâ€–. Journal of Organic Chemistry, 2007, 72, 5759-5770.	1.7	32
129	Syntheses, X-ray Structures, Complexation and Thermal Stability Studies of Bis(5-carbomethoxy-1,3-phenylene)-(3x + 2)-crown-x Compounds. Journal of Organic Chemistry, 1995, 60, 516-522.	1.7	31
130	1,2-Bis[N-(Nâ€²-alkylimidazolium)]ethane salts as new guests for crown ethers and cryptands. Tetrahedron, 2010, 66, 7077-7082.	1.0	30
131	Viologen-Based Rotaxanes from Dibenzo-30-crown-10. Journal of the American Chemical Society, 2018, 140, 7358-7370.	6.6	30
132	Crystal structures of 30-crown-10 and its tetrahydrate. Journal of Organic Chemistry, 1994, 59, 1694-1702.	1.7	29
133	Blocking Group/Initiators for the Synthesis of PolyrotaxanesviaFree Radical Polymerizations. Macromolecules, 1997, 30, 337-343.	2.2	28
134	Chemical Modification of Polymers. 9. Attack of Nitrogen Anions on Poly(vinylbenzyl chloride). Macromolecules, 1976, 9, 688-690.	2.2	27
135	Polyrotaxanes by free-radical polymerization of acrylate and methacrylate monomers in the presence of a crown ether. Journal of Polymer Science Part A, 2001, 39, 1978-1993.	2.5	27
136	Multi-gram syntheses of four crown ethers using K+ as templating agent. Tetrahedron, 2016, 72, 396-399.	1.0	27
137	A New Polyketone Synthesis Involving Nucleophilic Substitution via Carbanions Derived from Bis(.alpha.-aminonitriles). 1. Semicrystalline Poly(arylene ketone sulfones). Macromolecules, 1994, 27, 1367-1375.	2.2	26
138	Incorporating a Flexible Crown Ether into Neutral Discrete Self-Assemblies Driven by Metal Coordination. Journal of Organic Chemistry, 2006, 71, 6623-6625.	1.7	26
139	Inclusion [2]complexes based on the cryptand/diquat recognition motif. Tetrahedron, 2007, 63, 2829-2839.	1.0	26
140	Cation and Anion Transport in a Dicationic Imidazolium-Based Plastic Crystal Ion Conductor. Journal of Physical Chemistry B, 2014, 118, 140218100421006.	1.2	26
141	Correlation of Ionization Potentials and the Sums of Substituent Constants for Substituted Benzenes. Canadian Journal of Chemistry, 1973, 51, 3065-3070.	0.6	25
142	Surface analyses by a triboelectric charging technique. Analytical Chemistry, 1979, 51, 483-487.	3.2	25
143	Concise synthesis and characterization of 30-membered macrocyclic monomer for poly(ether ether) Tj ETQq1 1 0.784314 rgBT /Overl	1.1	25
144	Open-Chain Reissert Compounds: One-Pot Synthesis and Utility in Synthesis of Unsymmetrical Imides, .alpha.-Acylamino Carboxamides, Imidazolinones, and Hydantoins. Journal of Organic Chemistry, 1994, 59, 1072-1077.	1.7	24

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145	Relative Threading Efficiencies of Different Macrocycles:Â A Competitive Trapping Methodology Based on Hybrid Polyrotaxanes. Macromolecules, 1997, 30, 8524-8525.	2.2	24
146	Molecular self-assembly of dendrimers, non-covalent polymers and polypseudorotaxanes. Polymers for Advanced Technologies, 2000, 11, 791-797.	1.6	23
147	Rotaxanes from Tetralactams. Macromolecules, 2012, 45, 1270-1280.	2.2	23
148	High-Yielding Syntheses of Crown Ether-Based Pyridyl Cryptands. Journal of Organic Chemistry, 2017, 82, 8117-8122.	1.7	23
149	[2]Pseudorotaxanes based on the cryptand/monopyridinium recognition motif. Tetrahedron, 2005, 61, 10242-10253.	1.0	22
150	Solidâ€State Electrochromic Devices via Ionic Selfâ€Assembled Multilayers (ISAM) of a Polyviologen. Macromolecular Chemistry and Physics, 2008, 209, 150-157.	1.1	22
151	A Facile High-speed Vibration Milling Method to Water-disperse Single-walled Carbon Nanohorns. Chemistry of Materials, 2010, 22, 347-351.	3.2	22
152	Chemical Modification of Polymers. VI. Displacement of Reactive Halogens by Isoquinoline Reissert Compound Anions. Macromolecules, 1976, 9, 10-15.	2.2	21
153	Polymeric molecular shuttles: Polypseudorotaxanes & polyrotaxanes based on viologen (paraquat) urethane backbones & bis(p-phenylene)-34-crown-10. Polymer, 2014, 55, 3202-3211.	1.8	21
154	A Polyketone Synthesis Involving Nucleophilic Substitution via Carbanions Derived from Bis(Î±-aminonitrile)s. 4.1-3Aromatic Poly(ether ketone)s. Macromolecules, 1999, 32, 8259-8268.	2.2	19
155	Slow-exchange C3-symmetric cryptand/trispyridinium inclusion complexes containing non-linear guests: a new type of threaded structure. Tetrahedron Letters, 2005, 46, 6765-6769.	0.7	19
156	Host size effect in the complexation of two bis(m-phenylene)-32-crown-10-based cryptands with a diazapyrenium salt. Tetrahedron Letters, 2007, 48, 7537-7541.	0.7	19
157	Supramacromolecular chemistry: Selfâ€assembly of polystyreneâ€based multiâ€armed pseudorotaxane star polymers from multiâ€topic C₆₀ derivatives. Journal of Polymer Science Part A, 2009, 47, 6472-6495.	2.5	19
158	The Long and the Short of It: Regiospecific Syntheses of Isomers of Dicarbomethoxydibenzo-27-crown-9 and Binding Abilities of Their Pyridyl Cryptands. Journal of Organic Chemistry, 2017, 82, 8489-8496.	1.7	19
159	Reissert compound studies. VII. The synthesis of calycotomine. Journal of Heterocyclic Chemistry, 1964, 1, 251-252.	1.4	18
160	Synthesis of 2-cyano-1,3-dibenzoyl-2,3-dihydrobenzimidazole: a novel Reissert compound from benzimidazole. Journal of Organic Chemistry, 1991, 56, 865-867.	1.7	18
161	Rotaxaneâ€type hyperbranched polymers from a crown ether host and paraquat guests containing blocking groups. Journal of Polymer Science Part A, 2016, 54, 1647-1658.	2.5	18
162	Role of Chain Polarity on Ion and Polymer Dynamics: Molecular Volume-Based Analysis of the Dielectric Constant for Polymerized Norbornene-Based Ionic Liquids. Macromolecules, 2020, 53, 10561-10573.	2.2	18

#	Article	IF	Citations
163	Reissert compound studies. Cyclization of Nâ€(Ï‰â€chloroalkanoyl)reissert compounds. Journal of Heterocyclic Chemistry, 1972, 9, 541-544.	1.4	17
164	Chemical modification of polymers. II. Reaction of poly(vinylbenzyl chloride) and phenols. Journal of Polymer Science: Polymer Chemistry Edition, 1974, 12, 2141-2143.	0.8	17
165	Isomerization of polyacetylene films of the Shirakawa type - spectroscopy and kinetics. Journal of the American Chemical Society, 1986, 108, 6843-6851.	6.6	17
166	A 40-membered cyclic arylene ether sulfone from bisphenol-A: improved synthesis and properties. Macromolecular Chemistry and Physics, 1996, 197, 2133-2148.	1.1	17
167	Reissert Compound Studies. XII. Synthesis of O-Methyldauricine1. Journal of Organic Chemistry, 1966, 31, 2296-2299.	1.7	16
168	Polyrotaxanes: Past, present and future. Macromolecular Symposia, 1996, 102, 55-61.	0.4	16
169	Polyketone Synthesis Involving Nucleophilic Substitution via Carbanions Derived from Bis(Î±-amino) Tj ETQq1 1 0.784314 rgBT /Overl	2.2	16
170	Wholly aromatic polymeric ketones from bis-(Î±-aminonitrile)s via soluble poly(bisaminonitrile)s. Polymer, 1998, 39, 6483-6487.	1.8	16
171	Reissert compound studies. X. The synthesis of armepavine. Journal of Heterocyclic Chemistry, 1966, 3, 99-100.	1.4	15
172	The isolation and characterization of some 1â€alkylâ€2â€acylâ€1,2â€dihydroisoquinaldonitriles. Journal of Heterocyclic Chemistry, 1970, 7, 1169-1172.	1.4	15
173	Linear free energy relationships. VIII. Ionization potentials of aliphatic compounds. Canadian Journal of Chemistry, 1977, 55, 2637-2641.	0.6	15
174	4,4â€²-Coupled bis(isoquinolines). Journal of Heterocyclic Chemistry, 1990, 27, 1007-1009.	1.4	15
175	Synthesis and Properties of Cholesteryl Esters Bearing 32- and 16-Membered Crown Ethers. Journal of Organic Chemistry, 1996, 61, 1211-1218.	1.7	15
176	Bis(m-phenylene)-32-crown-10/monopyridinium [2]pseudorotaxanes. Tetrahedron Letters, 2005, 46, 6019-6022.	0.7	15
177	An acidâ€“base adjustable pseudocryptand-type [2]pseudorotaxane based on a bis(meta-phenylene)-32-crown-10 derivative and paraquat. Tetrahedron Letters, 2011, 52, 6379-6382.	0.7	15
178	Crystal nucleation studies in supercooled mesomorphic phases of cholesteryl derivatives. Journal of the American Chemical Society, 1972, 94, 5573-5577.	6.6	14
179	Chemical modification of polymers. XII. Control of triboelectric charging properties of polymers by chemical modification. Journal of Polymer Science: Polymer Chemistry Edition, 1979, 17, 2961-2974.	0.8	14
180	A Polyketone Synthesis Involving Nucleophilic Substitution via Carbanions Derived from Bis(Î±-aminonitrile)s. 5.1-4A New, Well-Controlled Route to â€œLongâ€•Bisphenol and Activated Aromatic Dihalide Monomers. Macromolecules, 1999, 32, 8740-8746.	2.2	14

#	Article	IF	Citations
181	Stereochemistry of 1-alkyl-2-acyl-1,2-dihydroisoquinaldonitriles. Journal of Organic Chemistry, 1973, 38, 2851-2857.	1.7	13
182	Chemical Modification of Polymers. IV. Another Example of Facile Nucleaphilic Attack on a Polymer by a Reissert Anion. Macromolecules, 1975, 8, 89-90.	2.2	13
183	New polymer architectures: Recent results with polyrotaxanes. Macromolecular Symposia, 1998, 128, 89-98.	0.4	13
184	Ion Conduction in a Semicrystalline Polyviologen and Its Polyether Mixtures. Macromolecular Chemistry and Physics, 2015, 216, 344-349.	1.1	13
185	Chemical Modification of Polymers. VIII. Reaction of Quinoline Reissert Compounds (1-Acyl-1,2-dihydroquinaldonitriles) with Polymeric Halides and Aldehydes. Macromolecules, 1976, 9, 221-226.	2.2	12
186	Hot luminescence intrans-polyacetylene: A picosecond time-resolved study. Physical Review B, 1983, 27, 6545-6548.	1.1	12
187	IMPROVED SYNTHESES OF 20- AND 26-MEMBEREDbis(5-CARBOMETHOXY-1,3-PHENYLENE) CROWN ETHERS. Organic Preparations and Procedures International, 1997, 29, 237-240.	0.6	12
188	Pseudocryptand Hosts for Paraquats and Diquats. Journal of Organic Chemistry, 2018, 83, 823-834.	1.7	12
189	Chemical Modification of Polymers. III. An Unusually Facile Displacement Reaction Involving the Anion of a Reissert Compound. Macromolecules, 1974, 7, 711-712.	2.2	11
190	Chemical modification of polymers. V. Oxidation of poly(vinylbenzyl chloride) to poly(vinylbenzaldehyde). Journal of Polymer Science: Polymer Chemistry Edition, 1975, 13, 1951-1955.	0.8	11
191	Knots for Molecular Strings of Beads. Journal of Organic Chemistry, 1995, 60, 3155-3162.	1.7	11
192	Polar orientation of a pendant anionic chromophore in thick layer-by-layer self-assembled polymeric films. Journal of Applied Physics, 2008, 104, 053116.	1.1	11
193	A hyperbranched mechanically interlocked rotaxane-type polymer. Polymer, 2015, 81, 99-110.	1.8	11
194	The Effect of Oligo(oxyethylene) Moieties on Ion Conduction and Dielectric Properties of Norbornene-Based Imidazolium Tf₂N Ionic Liquid Monomers. Macromolecules, 2020, 53, 4990-5000.	2.2	11
195	Supramolecular Four-Armed Star A₂B₂ Copolymer (Miktoarm Star) via Hostâ€“Guest Complexation and Nitroxide-Mediated Radical Polymerization. Macromolecules, 2020, 53, 5399-5407.	2.2	11
196	Reisert compound studies. VI. The condensation of aldehydes with 2-benzoyl-1,2-dihydroisoquinaldonitrile. Journal of Heterocyclic Chemistry, 1964, 1, 51-52.	1.4	10
197	Chemical modification of polymers. VII. Condensation of polymeric aldehydes with the anion of an isoquinoline reissert compound. Journal of Polymer Science: Polymer Chemistry Edition, 1976, 14, 1661-1669.	0.8	10
198	SYNTHESIS OF NEW bis(m-PHENYLENE)-32-CROWN-10 DERIVATIVES. Organic Preparations and Procedures International, 1991, 23, 382-385.	0.6	10

#	Article	IF	Citations
199	Synthesis and stereochemistry of Reissert compounds from benzothiazole. Journal of Organic Chemistry, 1993, 58, 2851-2855.	1.7	10
200	Synthesis of a Star-Shaped Tris(Reissert compound). Journal of Organic Chemistry, 1994, 59, 674-675.	1.7	10
201	5-BENZYLOXYRESORCINOL, A MONOPROTECTED PHLOROGLUCINOL. Organic Preparations and Procedures International, 1997, 29, 240-242.	0.6	10
202	Imidazoliumâ€Based Ionic Liquids as Initiators in Ring Opening Polymerization: Ionic Conduction and Dielectric Response of Endâ€Functional Polycaprolactones and Their Block Copolymers. Macromolecular Chemistry and Physics, 2016, 217, 1270-1281.	1.1	10
203	Pseudocryptand-type complexes of heterocyclic derivatives of bis(meta-phenylene)-32-crown-10 with diquat. Tetrahedron Letters, 2016, 57, 60-63.	0.7	10
204	Novel, single-step sulfone synthesis. Journal of Organic Chemistry, 1970, 35, 2994-3002.	1.7	9
205	Chemical modification of polymers. XI. Photoreactive polymers from poly(vinylbenzyl chloride). Journal of Polymer Science: Polymer Chemistry Edition, 1979, 17, 777-782.	0.8	9
206	Space-charge effects of semiconductive coatings on triboelectric charge exchange. Journal of Electrostatics, 1980, 8, 183-194.	1.0	9
207	Hydrocarbon-Based 40- and 44-Membered Macrocycles as Potential Components of Polyrotaxanes. Macromolecules, 1997, 30, 5557-5559.	2.2	9
208	A new cryptand/paraquat [2]pseudorotaxane. Science China Chemistry, 2010, 53, 858-862.	4.2	9
209	Contrasting biscryptand/dimethyl paraquat [3]pseudorotaxanes: statistical vs. anticooperative complexation behavior. Organic and Biomolecular Chemistry, 2011, 9, 6909.	1.5	9
210	Facile removal of tosyl chloride from tosylates using cellulosic materials, e.g., filter paper. Tetrahedron Letters, 2017, 58, 242-244.	0.7	9
211	Nucleation studies of supercooled cholesteric liquid crystals. Journal of the American Chemical Society, 1971, 93, 1279-1280.	6.6	8
212	Dielectric relaxation studies on bisphenol A bis(cumylphenyl) carbonate/Lexan polycarbonate solid solutions. Macromolecules, 1982, 15, 1368-1372.	2.2	8
213	Chemically bound sensitizers: Dye sensitization of poly(N-vinylcarbazole) via sulfonation and ion exchange. Journal of Polymer Science, Polymer Physics Edition, 1982, 20, 2059-2067.	1.0	8
214	Regioselectivity in the alkylation of ambident anions of 1-acyl-1,2-dihydroquinaldonitriles (quinoline) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	8
215	X - ray crystal structure and reactions of 2-Cyano-1,3-dibenzoyl-2,3-dihydrobenzimidazole, a novel reissert compound.. Tetrahedron Letters, 1991, 32, 2997-3000.	0.7	8
216	Cyanoacylation of 1-substituted isoquinolines and 3,4-dihydroisoquinolines. Journal of Organic Chemistry, 1992, 57, 748-750.	1.7	8

#	Article	IF	Citations
217	Polymers from Reissert compounds. 3. Polyesters from reactions of dialdehydes with Reissert compounds derived from bis(isoquinolines). Macromolecules, 1990, 23, 4339-4340.	2.2	7
218	Model studies of end capping of mono- and biended polystyrene anions: stereoisomerism at the chain ends. Macromolecules, 1991, 24, 2703-2708.	2.2	7
219	Synthesis of AA difunctional Reissert compound monomers from bis(isoquinolines). Macromolecules, 1991, 24, 3700-3703.	2.2	7
220	Polyrotaxanes: Synthetic methodologies & characterization. Makromolekulare Chemie Macromolecular Symposia, 1992, 54-55, 519-529.	0.6	7
221	Synthesis of bis(p-phenylene)-32-crown-4 and bis(m-phenylene)-30-crown-4 macrocycles for the preparation of polyrotaxanes. Polymer, 1992, 33, 212-213.	1.8	7
222	Difunctional heterocycles: A convenient one pot synthesis of novel bis(benzoxazoles) from bis(oâ€aminophenols). Journal of Heterocyclic Chemistry, 1992, 29, 1365-1368.	1.4	7
223	Difunctional blocking groups for rotaxanes and polyrotaxanes. Tetrahedron Letters, 1994, 35, 8533-8536.	0.7	7
224	Synthesis and polymerization of a bulky styrenic monomer as an in-chain â€˜knotâ€™ for polyrotaxanes. Polymer, 1995, 36, 2615-2619.	1.8	7
225	Complexes of Diquat with Dibenzoâ€24â€Crownâ€8. Chinese Journal of Chemistry, 2009, 27, 1777-1781.	2.6	7
226	Anisochronism of diastereotopic groups in 1-isopropyl- and 1-isobutyl-2-acyl-1,2-dihydro-isoquinaldonitriles. Tetrahedron Letters, 1968, 9, 5549-5551.	0.7	6
227	Chemical modification of polymers: 17. Dyeing of sulphonated polystyrene films by ion exchange with cationic dyes. Polymer, 1981, 22, 1068-1072.	1.8	6
228	Dialkylation of Diesters. Synthesis, 1986, 1986, 552-554.	1.2	6
229	Acyclic polymeric reissert compounds: chemically reactive polyamides. 2. Macromolecules, 1992, 25, 6752-6755.	2.2	6
230	Bis(5-carbomethoxy-1,3-phenylene)-30-crown-4: a macrocyclic monomer of predominantly hydrocarbon character. Polymer, 1994, 35, 1109-1110.	1.8	6
231	pH-Controlled assembly and disassembly of a cryptand/paraquat [2]pseudorotaxane. Chemical Communications, 2005, , 3655.	2.2	6
232	Synthesis of heterocyclic monomers via Reissert chemistry. Journal of Polymer Science Part A, 2010, 48, 3856-3867.	2.5	6
233	Main chain polyamide rotaxanes from aliphatic crown ethers. Polymer, 2016, 90, 317-330.	1.8	6
234	Improved complexation of paraquats with crown etherâ€based pyridyl cryptands. Heteroatom Chemistry, 2017, 28, .	0.4	6

#	Article	IF	Citations
235	Ion Conducting ROMP Monomers Based on (Oxa)norbornenes with Pendant Imidazolium Salts Connected via Oligo(oxyethylene) Units and with Oligo(ethyleneoxy) Terminal Moieties. Macromolecules, 2019, 52, 1371-1388.	2.2	6
236	Synthesis of Bottlebrush Copolymers Using a Polypseudorotaxane Intermediate. Macromolecules, 2022, 55, 2271-2279.	2.2	6
237	Attempted Polymerization of Benzimidazole via Reissert Reactions. Macromolecules, 1994, 27, 2912-2916.	2.2	5
238	Synthesis and Characterization of Liquid Crystalline Triaryloxy-s-Triazines. Molecular Crystals and Liquid Crystals, 1999, 326, 113-138.	0.3	5
239	Perspective for a Special Issue ofPolymer ReviewsOn: Ionic liquids and their Derivatives in Polymer Science and Engineering. Polymer Reviews, 2009, 49, 289-290.	5.3	5
240	Aromatic polyesters derived from 5,5â€²-disubstituted bis(m-phenylene) crown ethers. Polymer, 2018, 142, 256-266.	1.8	5
241	Ionâ€“Dipole-Interaction-Driven Complexation of Polyethers with Polyviologen-Based Single-Ion Conductors. Macromolecules, 2019, 52, 4240-4250.	2.2	5
242	Studies of Ion Conductance in Polymers Derived from Norbornene Imidazolium Salts Containing Ethyleneoxy Moieties. Macromolecules, 2019, 52, 1389-1399.	2.2	5
243	Polyrotaxanes. , 2007, , 693-698.		5
244	Novel tricyclic heterocycles (benzopyrrocolines) arisingviacarbanion attack on a nitrile function. Journal of Heterocyclic Chemistry, 1989, 26, 361-364.	1.4	4
245	Acyclic polymeric Reissert compounds: chemically reactive polyamides. 3. Macromolecules, 1993, 26, 4953-4955.	2.2	4
246	Architectural delights. Nature, 1994, 371, 106-107.	13.7	4
247	A cautionary note regarding the investigation of supramolecular complexes involving secondary ammonium salts in acetone. Tetrahedron Letters, 2004, 45, 5961-5963.	0.7	4
248	â€œReverseâ€•pyridyl cryptands as hosts for viologens. Heteroatom Chemistry, 2018, 29, .	0.4	4
249	Synthesis of some new hindered biaryls. Journal of Organic Chemistry, 1976, 41, 557-560.	1.7	3
250	Approaches to Terminal Diacetylenes, Precursors to New Substituted Polyacetylenes. British Polymer Journal, 1986, 18, 120-126.	0.7	3
251	New step growth polymers via reissert compound chemistry. Makromolekulare Chemie Macromolecular Symposia, 1992, 54-55, 413-421.	0.6	3
252	AN IMPROVED SYNTHESIS OFbis(p-PHENYLENE)-32-CROWN-4. Organic Preparations and Procedures International, 1997, 29, 234-236.	0.6	3

#	Article	IF	Citations
253	Difunctional 28-Membered Cyclic Arylene Ethers. Journal of Organic Chemistry, 1997, 62, 7503-7506.	1.7	3
254	Synthesis of a new class of difunctional tetraphenylene crown ethers. Canadian Journal of Chemistry, 1998, 76, 1429-1436.	0.6	3
255	42-crown-14-based [2]catenane. Canadian Journal of Chemistry, 2000, 78, 347-355.	0.6	3
256	A New Cryptand:â€‰ Synthesis and Complexation with Paraquat. Organic Letters, 2000, 2, 417-417.	2.4	3
257	Synthesis and conformational analysis of a small metaâ€cyclophane, bis(5â€carbomethoxyâ€1,3â€phenylene)â€14â€crownâ€4. Heteroatom Chemistry, 2008, 19, 48-54.	0.4	3
258	Heterocyclic monomers via reissert chemistry. Journal of Polymer Science Part A, 2011, 49, 3842-3851.	2.5	3
259	Chelidamic acid derivatives: Precursors to functionalized pyridyl cryptands & functionalized metal ligands. Tetrahedron, 2021, 94, 132333.	1.0	3
260	Synthesis and thermal characterization of some novel phenol carbonates. Journal of Polymer Science: Polymer Chemistry Edition, 1979, 17, 2499-2509.	0.8	2
261	Chemical Evidence for Remnantcis Bonds in â€˜transâ€™-Polyacetylene. British Polymer Journal, 1986, 18, 115-119.	0.7	2
262	More fun & games with rings, strings & rods. Macromolecular Symposia, 1995, 98, 501-501.	0.4	2
263	Characterization of the purity and stability of commercially available dichlorotriazine chromophores used in nonlinear optical materials. Dyes and Pigments, 2003, 58, 145-155.	2.0	2
264	Promotion of host folding during the formation of a taco complex. Chemical Communications, 2005, , 3268.	2.2	2
265	The stereochemistry of isoquinoline Reissert compounds: a unique platform forÂobservation of steric and electronic interactions. Tetrahedron, 2012, 68, 8052-8067.	1.0	2
266	Steric effects on complexation of bis(meta â€phenylene)â€32â€crownâ€10 derivatives with paraquats. Heteroatom Chemistry, 2017, 28, .	0.4	2
267	An Inhospitable Cryptand: The Importance of Conformational Freedom in Hostâ€Guest Complexation. European Journal of Organic Chemistry, 2019, 2019, 3472-3479.	1.2	2
268	Desymmetrization of disubstituted aromatic crown ethersviaintramolecular Cannizzaro reactions. New Journal of Chemistry, 2019, 43, 16801-16805.	1.4	2
269	Organic solar cells with a blend of two solution processable electron acceptors, C<inf>60</inf>(CN)<inf>2</inf> and PCBM. , 2009, , .		1
270	Stereochemistry of alkylated isoquinoline Reissert compounds. Tetrahedron, 2014, 70, 5904-5918.	1.0	1

#	Article	IF	Citations
271	Formation of Supramolecular Polymers from Homoditopic Molecules Containing Secondary Ammonium Ions and Crown Ether Moieties. , 1999, 38, 143.		1
272	Supramolecular chemistry with macromolecules: Macromolecular knitting, reversible formation of branched polyrotaxanes by self-assembly. , 1998, 199, 1801.		1
273	Enhanced Photovoltaic Response in Ionically Self-Assembled Monolayer Thin-Film Devices. Materials Research Society Symposia Proceedings, 2001, 708, 941.	0.1	0
274	A Novel Solution Processable Electron Acceptor, C60(CN)2, for Bulk Heterojunction Photovoltaic Applications. Materials Research Society Symposia Proceedings, 2008, 1123, 8.	0.1	0
275	An unusual reaction of a Reissert compound involving alkylation, rearrangement, SNAr and SET processes. Tetrahedron Letters, 2018, 59, 1055-1058.	0.7	0
276	Adventitious isolation of a pseudorotaxane complex of a trans-bis(Hydroxymethylbenzo)-27-crown-9 pyridyl cryptand and a viologen. Supramolecular Chemistry, 2020, 32, 452-455.	1.5	0
277	Synthesis and characterization of 24â€membered cyclobis(ethylene 2,6â€naphthalate). Journal of Polymer Science, 2020, 58, 932-936.	2.0	0
278	Layer-by-layer deposition and ordering of low-molecular-weight dye molecules for second-order nonlinear optics. Angewandte Chemie - International Edition, 2002, 41, 3236-8.	7.2	0