

# Christopher W Bielawski

## List of Publications by Citations

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190  
papers

19,917  
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56  
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140  
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201  
ext. papers

21,556  
ext. citations

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7.28  
L-index

#	Paper	IF	Citations
190	The chemistry of graphene oxide. <i>Chemical Society Reviews</i> , <b>2010</b> , 39, 228-40	58.5	8747
189	Living ring-opening metathesis polymerization. <i>Progress in Polymer Science</i> , <b>2007</b> , 32, 1-29	29.6	1116
188	Harnessing the chemistry of graphene oxide. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 5288-301	58.5	584
187	An "endless" route to cyclic polymers. <i>Science</i> , <b>2002</b> , 297, 2041-4	33.3	519
186	Ionic Liquid Crystals: Versatile Materials. <i>Chemical Reviews</i> , <b>2016</b> , 116, 4643-807	68.1	476
185	Reduction of graphite oxide using alcohols. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 3443-3447		342
184	Carbocatalysis: Heterogeneous carbons finding utility in synthetic chemistry. <i>Chemical Science</i> , <b>2011</b> , 2, 1233	9.4	326
183	Perspectives on poly(dopamine). <i>Chemical Science</i> , <b>2013</b> , 4, 3796	9.4	277
182	An N,N'-diamidocarbene: studies in C-H insertion, reversible carbonylation, and transition-metal coordination chemistry. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16039-41	16.4	256
181	N-Heterocyclic Carbene-Transition Metal Complexes: Spectroscopic and Crystallographic Analyses of $\pi$ -Backbonding Interactions. <i>Organometallics</i> , <b>2007</b> , 26, 6042-6049	3.8	248
180	Switchable Polymerization Catalysts. <i>Chemical Reviews</i> , <b>2016</b> , 116, 1969-92	68.1	226
179	Graphite oxide: a selective and highly efficient oxidant of thiols and sulfides. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 7292-5	3.9	202
178	Quinone-annulated N-heterocyclic carbene-transition-metal complexes: observation of $\pi$ -backbonding using FT-IR spectroscopy and cyclic voltammetry. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 16514-5	16.4	197
177	Graphite Oxide as an Auto-Tandem Oxidation-Hydration-Aldol Coupling Catalyst. <i>Advanced Synthesis and Catalysis</i> , <b>2011</b> , 353, 528-532	5.6	170
176	Synthesis of cyclic polybutadiene via ring-opening metathesis polymerization: the importance of removing trace linear contaminants. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 8424-5	16.4	170
175	Illuminating Photoswitchable Catalysis. <i>ACS Catalysis</i> , <b>2013</b> , 3, 1874-1885	13.1	154
174	Photoswitchable organocatalysis: using light to modulate the catalytic activities of N-heterocyclic carbenes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 12693-9	16.4	152

173	Ammonia N-H activation by a N,N'-diamidocarbene. <i>Chemical Communications</i> , <b>2010</b> , 46, 4288-90	5.8	152
172	Graphene oxide: a convenient carbocatalyst for facilitating oxidation and hydration reactions. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6813-6	16.4	139
171	Diaminocarbene[3]ferrocenophanes and their transition-metal complexes. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2267-70	16.4	136
170	Arrested catalysis: controlling Kumada coupling activity via a redox-active N-heterocyclic carbene. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 9420-9	16.4	122
169	Synthesis and Study of Bidentate Benzimidazolylidene Group 10 Metal Complexes and Related Main-Chain Organometallic Polymers. <i>Organometallics</i> , <b>2006</b> , 25, 6087-6098	3.8	121
168	Polymer mechanochemistry: the design and study of mechanophores. <i>Polymer International</i> , <b>2013</b> , 62, 2-12	3.3	119
167	Selective surface functionalization at regions of high local curvature in graphene. <i>Chemical Communications</i> , <b>2013</b> , 49, 677-9	5.8	116
166	A Ring-Opening Metathesis Polymerization (ROMP) Approach to Carboxyl- and Amino-Terminated Telechelic Poly(butadiene)s. <i>Macromolecules</i> , <b>2000</b> , 33, 6621-6623	5.5	113
165	A Computational Investigation of the Catalytic Properties of Graphene Oxide: Exploring Mechanisms by using DFT Methods. <i>ChemCatChem</i> , <b>2012</b> , 4, 1844-1849	5.2	112
164	Redox-Active N-Heterocyclic Carbenes: Design, Synthesis, and Evaluation of Their Electronic Properties. <i>Organometallics</i> , <b>2009</b> , 28, 6695-6706	3.8	112
163	Graphite Oxide as a Dehydrative Polymerization Catalyst: A One-Step Synthesis of Carbon-Reinforced Poly(phenylene methylene) Composites. <i>Macromolecules</i> , <b>2011</b> , 44, 7659-7667	5.5	110
162	A Seven-Membered N,N'-Diamidocarbene. <i>Organometallics</i> , <b>2010</b> , 29, 4569-4578	3.8	106
161	N-Heterocyclic carbenes: deducing $\delta$ and $\epsilon$ contributions in Rh-catalyzed hydroboration and Pd-catalyzed coupling reactions. <i>Tetrahedron</i> , <b>2008</b> , 64, 6853-6862	2.4	98
160	Photoswitchable NHC-promoted ring-opening polymerizations. <i>Chemical Communications</i> , <b>2013</b> , 49, 5453-5	3.5	95
159	Synthesis of poly(3-alkylthiophene)-block-poly(arylisocyanide): two sequential, mechanistically distinct polymerizations using a single catalyst. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 14000-4	16.4	94
158	Tuning the Electronic Properties of Carbenes: A Systematic Comparison of Neighboring Amino versus Amido Groups. <i>Organometallics</i> , <b>2012</b> , 31, 3373-3378	3.8	93
157	Controlled catalyst transfer polycondensation and surface-initiated polymerization of a p-phenyleneethynylene-based monomer. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 4984-7	16.4	89
156	Graphite oxide as a carbocatalyst for the preparation of fullerene-reinforced polyester and polyamide nanocomposites. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 757	4.9	88

155	Three-Dimensional Self-Assembly of Graphene Oxide Platelets into Mechanically Flexible Macroporous Carbon Films. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 10282-10286	3.6	84
154	N,N'-Diamidocarbenes: Isolable Divalent Carbons with Bona Fide Carbene Reactivity. <i>Accounts of Chemical Research</i> , <b>2016</b> , 49, 1458-68	24.3	83
153	Diamidocarbenes as versatile and reversible [2 + 1] cycloaddition reagents. <i>Nature Chemistry</i> , <b>2012</b> , 4, 275-80	17.6	82
152	N,N'-diamidoketenimines via coupling of isocyanides to an N-heterocyclic carbene. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 2763-6	4.2	81
151	Redox-switchable ring-closing metathesis: catalyst design, synthesis, and study. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 10866-75	4.8	80
150	The enhanced photothermal effect of graphene/conjugated polymer composites: photoinduced energy transfer and applications in photocontrolled switches. <i>Chemical Communications</i> , <b>2014</b> , 50, 14345-8	5.8	80
149	Photoswitchable N-heterocyclic carbenes: using light to modulate electron-donating properties. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 10322-6	16.4	80
148	Photoswitchable Metal-Mediated Catalysis: Remotely Tuned Alkene and Alkyne Hydroborations. <i>Organometallics</i> , <b>2013</b> , 32, 3121-3128	3.8	79
147	Increasing the Initiation Efficiency of Ruthenium-Based Ring-Opening Metathesis Initiators: Effect of Excess Phosphine. <i>Macromolecules</i> , <b>2001</b> , 34, 8838-8840	5.5	73
146	Synthesis and study of olefin metathesis catalysts supported by redox-switchable diaminocarbene[3]ferrocenophanes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 13251-64	4.3	71
145	A Photoswitchable Olefin Metathesis Catalyst. <i>Organometallics</i> , <b>2017</b> , 36, 490-497	3.8	64
144	Graphite Oxide as an Olefin Polymerization Carbocatalyst: Applications in Electrochemical Double Layer Capacitors. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 3247-3253	15.6	63
143	Olefin Metathesis Catalysts Containing N,N'-Diamidocarbenes. <i>Organometallics</i> , <b>2011</b> , 30, 2278-2284	3.8	62
142	Oxidation of poly(enetetramine)s: a new strategy for the synthesis of conjugated polyelectrolytes. <i>Chemical Communications</i> , <b>2009</b> , 2124-6	5.8	60
141	Alkyne and reversible nitrile activation: N,N'-diamidocarbene-facilitated synthesis of cyclopropenes, cyclopropenones, and azirines. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 6116-9	16.4	59
140	Advances in bis(N-heterocyclic carbene) chemistry: new classes of structurally dynamic materials. <i>Journal of Physical Organic Chemistry</i> , <b>2012</b> , 25, 531-543	2.1	58
139	Olefin Metathesis Catalysts Containing Acyclic Diaminocarbenes. <i>Organometallics</i> , <b>2010</b> , 29, 250-256	3.8	57
138	Structurally Dynamic Materials Based on Bis(N-heterocyclic carbene)s and Bis(isothiocyanate)s: Toward Reversible, Conjugated Polymers. <i>Macromolecules</i> , <b>2010</b> , 43, 3591-3593	5.5	57

137	Novel Gold(I) and Gold(III)-Heterocyclic Carbene Complexes: Synthesis and Evaluation of Their Anticancer Properties. <i>Organometallics</i> , <b>2014</b> , 33, 2544-2548	3.8	56
136	Effect of Adsorbed Amphiphilic Copolymers on the Interfacial Activity of Superparamagnetic Nanoclusters and the Emulsification of Oil in Water. <i>Macromolecules</i> , <b>2012</b> , 45, 5157-5166	5.5	56
135	Controlled Chain-Growth Kumada Catalyst Transfer Polycondensation of a Conjugated Alternating Copolymer. <i>Macromolecules</i> , <b>2012</b> , 45, 2321-2326	5.5	56
134	Synthesis and Study of 5,5'-Bibenzimidazolylidenes and Their Bimetallic Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1729-1738	2.3	55
133	Tunable Functionalization of Graphene Oxide Sheets through Surface-Initiated Cationic Polymerization. <i>Macromolecules</i> , <b>2015</b> , 48, 994-1001	5.5	53
132	Ein Konzept und seine Umsetzung: Graphen gestern, heute und morgen. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 9524-9532	3.6	53
131	Rapid thermal decomposition of confined graphene oxide films in air. <i>Carbon</i> , <b>2016</b> , 101, 71-76	10.4	52
130	Synthesis and Study of the First N-Aryl Acyclic Diaminocarbene and Its Transition-Metal Complexes. <i>Organometallics</i> , <b>2007</b> , 26, 5774-5777	3.8	52
129	Elucidation of carbene ambiphilicity leading to the discovery of reversible ammonia activation. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18798-801	16.4	51
128	Polythiophene-block-Poly(L-benzyl L-glutamate): synthesis and study of a new rod-coil block copolymer. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 300-302	4.9	51
127	Real-Time, in Situ Monitoring of the Oxidation of Graphite: Lessons Learned. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 2150-2156	9.6	50
126	Reductive generation of stable, five-membered N,N'-diamidocarbenes. <i>Chemical Communications</i> , <b>2014</b> , 50, 4551-3	5.8	47
125	Differentially Substituted Acyclic Diaminocarbene Ligands Display Conformation-Dependent Donicities. <i>Organometallics</i> , <b>2010</b> , 29, 3047-3053	3.8	46
124	Lightweight and Ultrastrong Polymer Foams with Unusually Superior Flame Retardancy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 26392-26399	9.5	45
123	Mechanobiochemistry: harnessing biomacromolecules for force-responsive materials. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 3916	4.9	42
122	Synthesis of conjugated diblock copolymers: two mechanistically distinct, sequential living polymerizations using a single catalyst. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 874	4.9	41
121	Impact of Ionic Liquids on the Exfoliation of Graphite Oxide. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 7867-7873	3.8	40
120	An Isolable, Photoswitchable N-Heterocyclic Carbene: On-Demand Reversible Ammonia Activation. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 11559-63	16.4	39

- 119 Tuning the Surface Properties of Graphene Oxide by Surface-Initiated Polymerization of Epoxides: An Efficient Method for Enhancing Gas Separation. *ACS Applied Materials & Interfaces*, **2017**, 9, 4998-5005 9.5 38
- 118 A dual-fluorescent composite of graphene oxide and poly(3-hexylthiophene) enables the ratiometric detection of amines. *Chemical Science*, **2014**, 5, 3130 9.4 38
- 117 N-Heterocyclic Carbenes: Versatile Reagents for Postpolymerization Modification. *Macromolecules*, **2006**, 39, 8895-8897 5.5 37
- 116 N-heterocyclic carbene supported Au(I) and Au(III) complexes: a comparison of cytotoxicities. *New Journal of Chemistry*, **2014**, 38, 1218-1224 3.6 36
- 115 Covalent Confinement of Sulfur Copolymers onto Graphene Sheets Affords Ultrastable Lithium-Sulfur Batteries with Fast Cathode Kinetics. *ACS Applied Materials & Interfaces*, **2019**, 11, 13234-13243 9.5 35
- 114 An insight into non-emissive excited states in conjugated polymers. *Nature Communications*, **2015**, 6, 8246 17.4 34
- 113 A cyclic (alkyl)(amido)carbene: synthesis, study and utility as a desulfurization reagent. *Chemical Communications*, **2016**, 52, 5447-50 5.8 34
- 112 Metal-promoted C1 polymerizations. *Coordination Chemistry Reviews*, **2018**, 374, 261-278 23.2 32
- 111 N,N'-diamidocarbenes facilitate selective C-H insertions and transfer hydrogenations. *Chemistry - A European Journal*, **2013**, 19, 14773-6 4.8 32
- 110 Ionic liquids via efficient, solvent-free anion metathesis. *Green Chemistry*, **2007**, 9, 1158 10 32
- 109 Controlled Growth of Well-Defined Conjugated Polymers from the Surfaces of Multiwalled Carbon Nanotubes: Photoresponse Enhancement via Charge Separation. *ACS Nano*, **2016**, 10, 5189-98 16.7 32
- 108 Controlled Synthesis of an Alternating Donor-Acceptor Conjugated Polymer via Kumada Catalyst-Transfer Polycondensation. *ACS Macro Letters*, **2015**, 4, 1254-1258 6.6 31
- 107 Remote control grubbs catalysts that modulate ring-opening metathesis polymerizations. *Journal of Polymer Science Part A*, **2017**, 55, 2949-2960 2.5 31
- 106 Redox- and light-switchable N-heterocyclic carbenes: a "soup-to-nuts" course on contemporary structure-activity relationships. *Chemical Communications*, **2019**, 55, 4451-4466 5.8 30
- 105 Low Adsorption of Magnetite Nanoparticles with Uniform Polyelectrolyte Coatings in Concentrated Brine on Model Silica and Sandstone. *Industrial & Engineering Chemistry Research*, **2016**, 55, 1522-1532 3.9 29
- 104 A benzocrown-6-calix[4]arene methacrylate copolymer: Selective extraction of caesium ions from a multi-component system. *Chemical Science*, **2010**, 1, 716 9.4 29
- 103 Structurally Dynamic Conjugated Polymers. *Macromolecules*, **2010**, 43, 6923-6935 5.5 29
- 102 Direct azidation of isotactic polypropylene and synthesis of grafted derivatives thereof using azide-alkyne cycloaddition chemistry. *Polymer International*, **2017**, 66, 70-76 3.3 25

101	Core-Shell Structured Polyamide 66 Nanofibers with Enhanced Flame Retardancy. <i>ACS Omega</i> , <b>2017</b> , 2, 2665-2671	3.9	25
100	Exploring the nucleophilicity of N,N?-diamidocarbenes: Heteroallenes and related compounds as coupling reagents. <i>Journal of Physical Organic Chemistry</i> , <b>2012</b> , 25, 1027-1032	2.1	24
99	Birch-Type Hydrogenation of Few-Layer Graphenes: Products and Mechanistic Implications. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 14980-14986	16.4	23
98	1,6-Enyne Cyclizations Catalyzed by N-Heterocyclic Carbene Supported Gold Complexes: Deconvoluting Sterics and Electronics. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 493-497	3.2	23
97	Flow enhancement of water-based nanoparticle dispersion through microscale sedimentary rocks. <i>Scientific Reports</i> , <b>2015</b> , 5, 8702	4.9	22
96	. <i>IEEE Transactions on Electron Devices</i> , <b>2011</b> , 58, 4384-4392	2.9	22
95	A Ring-Opening Metathesis Polymerization Catalyst That Exhibits Redox-Switchable Monomer Selectivities. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 5994-6000	4.8	21
94	Dihaloimidazolidinediones as versatile halodehydrating agents. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 13487-90	4.8	21
93	Dynamic 2D manganese(II) isonicotinate framework with reversible crystal-to-amorphous transformation and selective guest adsorption. <i>CrystEngComm</i> , <b>2014</b> , 16, 4959	3.3	20
92	Photoswitchable N-Heterocyclic Carbenes: Using Light to Modulate Electron-Donating Properties. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 10506-10510	3.6	20
91	Synthesis of a donor-acceptor diblock copolymer via two mechanistically distinct, sequential polymerizations using a single catalyst. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 204-209	4.8	19
90	Oligothiophene Nanoparticles: Photophysical and Electrogenerated Chemiluminescence Studies. <i>Journal of Physical Chemistry Letters</i> , <b>2012</b> , 3, 2035-2038	6.4	19
89	A Conjugated Porous Polymer Complexed with a Single-Atom Cobalt Catalyst as An Electrocatalytic Sulfur Host for Enhancing Cathode Reaction Kinetics. <i>Energy Storage Materials</i> , <b>2021</b> , 41, 14-23	19.4	19
88	Sodide and Organic Halides Effect Covalent Functionalization of Single-Layer and Bilayer Graphene. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 4202-4210	16.4	18
87	Cytotoxicity of silver(I), gold(I) and gold(III) complexes of a pyridine wingtip substituted annelated N-heterocyclic carbene. <i>RSC Advances</i> , <b>2014</b> , 4, 60776-60784	3.7	18
86	Covalent bonding of sulfur nanoparticles to unzipped multiwalled carbon nanotubes for high-performance lithium-sulfur batteries. <i>Nanotechnology</i> , <b>2019</b> , 30, 024001	3.4	18
85	SYNTHESIS, STUDY, AND APPLICATIONS OF POLYMERIC N-HETEROCYCLIC CARBENES. <i>Comments on Inorganic Chemistry</i> , <b>2010</b> , 31, 75-82	3.9	17
84	Graphite oxide activated zeolite NaY: applications in alcohol dehydration. <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 135-139	5.5	16



83	A redox-switchable ring-closing metathesis catalyst. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 1525-1532	6.8	15
82	Computational Investigations of the Effects of N-Heterocyclic Carbene Ligands on the Mechanism, Reactivity, and Regioselectivity of Rh-Catalyzed Hydroborations. <i>ACS Catalysis</i> , <b>2020</b> , 10, 3820-3827	13.1	15
81	Metal-centered oxidations facilitate the removal of ruthenium-based olefin metathesis catalysts. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 745-746, 201-205	2.3	15
80	Ionic Dithioester-Based RAFT Agents Derived from N-Heterocyclic Carbenes. <i>Macromolecules</i> , <b>2008</b> , 41, 3775-3778	5.5	15
79	Synthesis of Degradable Poly[(Ethylene Glycol)-co-(Glycolic Acid)] via the Post-Polymerization Oxyfunctionalization of Poly(Ethylene Glycol). <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 1587-1592	4.8	14
78	Cyclic (Aryl)(Amido)Carbenes: NHCs with Triplet-like Reactivity. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 16320-16325	16.4	14
77	Burgess Reagent Facilitated Alcohol Oxidations in DMSO. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 1046-1052	10.52	13
76	Atom Transfer Radical Polymerization in the Solid-State. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13929-13935	16.4	13
75	Synthesis and cytotoxic characteristics displayed by a series of Ag(I)-, Au(I)- and Au(III)-complexes supported by a common N-heterocyclic carbene. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 13948-13956	3.6	13
74	A Mechanochemical Approach to Deracemization. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 1672-1675	3.6	13
73	Living Ring-Opening Metathesis Polymerization	297-342	13
72	Ice-Templated Large-Scale Preparation of Two-Dimensional Sheets of Conjugated Polymers: Thickness-Independent Flexible Supercapacitance. <i>ACS Nano</i> , <b>2021</b> , 15, 8870-8882	16.7	13
71	Synthesis of poly(3-hexylthiophene)-block-poly(ethylene)-block-poly(3-hexylthiophene) via a combination of ring-opening olefin metathesis polymerization and grignard metathesis polymerization. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 3810-3817	2.5	12
70	Atomic-Layer Deposition of Single-Crystalline BeO Epitaxially Grown on GaN Substrates. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 41973-41979	9.5	12
69	Oberflächenmodifizierung von Wasseraufbereitungsmembranen. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 4734-4738	4.88	12
68	Unveiling a Masked Polymer of Dewar Benzene Reveals trans-Poly(acetylene). <i>Macromolecules</i> , <b>2019</b> , 52, 2923-2931	5.5	11
67	Dicyanamide Salts that Adopt Smectic, Columnar, or Bicontinuous Cubic Liquid-Crystalline Mesophases. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6399-6411	4.8	11
66	Isoelectronic Pt(II) and Au(III) N-heterocyclic carbene complexes: a structural and biological comparison. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 10704-10711	3.6	11



65	Photoinitiated ring-opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , <b>2019</b> , 57, 1791-1795	4.3	11
64	Electrochromic poly(acetylene)s with switchable visible/near-IR absorption characteristics. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 210-213	4.8	11
63	Growth and Characterization of BeO Thin Films Grown by Atomic Layer Deposition Using H <sub>2</sub> O and O <sub>3</sub> as Oxygen Sources. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 17498-17504	3.8	11
62	Ascertaining the Carbon Hybridization States of Synthetic Polymers with X-ray Induced Auger Electron Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 11855-11861	3.8	11
61	Telechelic Polymers from Olefin Metathesis Methodologies	255-282	11
60	Assessing the reactivity of the N,N'-diamidocarbenes toward compounds containing early p-block elements. <i>Journal of Physical Organic Chemistry</i> , <b>2015</b> , 28, 75-78	2.1	10
59	An Isolable, Photoswitchable N-Heterocyclic Carbene: On-Demand Reversible Ammonia Activation. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11721-11725	3.6	10
58	Anisotropic, Organic Ionic Plastic Crystal Mesophases from Persubstituted Imidazolium Pentacyanocyclopentadienide Salts. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 9593-9603	9.6	10
57	Stable Carbenes	2013, 40-74	9
56	Effect of interfacial dipoles on charge traps in organic/inorganic hybrid solar cells. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 3258	13	9
55	Domain epitaxy of crystalline BeO films on GaN and ZnO substrates. <i>Journal of the American Ceramic Society</i> , <b>2019</b> , 102, 3745-3752	3.8	9
54	Controlled Syntheses of Poly(phenylene ethynylene)s with Regiochemically-Tuned Optical Band Gaps and Ordered Morphologies. <i>Macromolecules</i> , <b>2018</b> , 51, 5972-5978	5.5	8
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