Michael North

List of Publications by Year
in descending order

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149 papers	10,391 citations	31949 53 h-index	34964 98 g-index
161 all docs	161 docs citations	161 times ranked	5315 citing authors

#	Article	IF	Citations
1	Synthesis of cyclic carbonates from epoxides and CO2. Green Chemistry, 2010, 12, 1514.	4.6	1,174
2	Sustainable metal-based catalysts for the synthesis of cyclic carbonates containing five-membered rings. Green Chemistry, 2015, 17, 1966-1987.	4.6	549
3	Mechanism of Cyclic Carbonate Synthesis from Epoxides and CO₂. Angewandte Chemie - International Edition, 2009, 48, 2946-2948.	7.2	512
4	Cyclic Carbonate Synthesis Catalysed by Bimetallic Aluminiumâ€“Salen Complexes. Chemistry - A European Journal, 2010, 16, 6828-6843.	1.7	352
5	Lewis Acid Catalyzed Asymmetric Cyanohydrin Synthesis. Chemical Reviews, 2008, 108, 5146-5226.	23.0	318
6	Recent developments in organocatalysed transformations of epoxides and carbon dioxide into cyclic carbonates. Green Chemistry, 2021, 23, 77-118.	4.6	284
7	The Asymmetric Addition of Trimethylsilyl Cyanide to Aldehydes Catalyzed by Chiral (Salen)Titanium Complexes. Journal of the American Chemical Society, 1999, 121, 3968-3973.	6.6	270
8	Synthesis of Cyclic Carbonates from Atmospheric Pressure Carbon Dioxide Using Exceptionally Active Aluminium(salen) Complexes as Catalysts. European Journal of Inorganic Chemistry, 2007, 2007, 3323-3326.	1.0	267
9	Cr(salophen) Complex Catalyzed Cyclic Carbonate Synthesis at Ambient Temperature And Pressure. ACS Catalysis, 2016, 6, 5012-5025.	5.5	261
10	One-component catalysts for cyclic carbonate synthesis. Chemical Communications, 2009, , 2577.	2.2	212
11	CO₂ Catalysis. ChemSusChem, 2017, 10, 1036-1038.	3.6	193
12	Aluminum(salen) Complexes as Catalysts for the Kinetic Resolution of Terminal Epoxides via CO₂ Coupling. ACS Catalysis, 2015, 5, 3398-3402.	5.5	150
13	Vanadium-Catalyzed Asymmetric Cyanohydrin Synthesis. Organic Letters, 2000, 2, 1617-1619.	2.4	147
14	One-component bimetallic aluminium(salen)-based catalysts for cyclic carbonate synthesis and their immobilization. Dalton Transactions, 2011, 40, 3885-3902.	1.6	146
15	Optimized catalysts for the asymmetric addition of trimethylsilyl cyanide to aldehydes and ketones. Tetrahedron, 2001, 57, 771-779.	1.0	145
16	The greening of peptide synthesis. Green Chemistry, 2017, 19, 1685-1691.	4.6	143
17	Metal- and Halide-Free Catalyst for the Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide. ACS Catalysis, 2019, 9, 1895-1906.	5.5	140
18	Influence of Temperature and Pressure on Cyclic Carbonate Synthesis Catalyzed by Bimetallic Aluminum Complexes and Application to Overall syn-Bis-hydroxylation of Alkenes. Journal of Organic Chemistry, 2013, 78, 419-426.	1.7	127

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19	Synthesis of Cyclic Carbonates Catalysed by Chromium and Aluminium Salphen Complexes. Chemistry - A European Journal, 2016, 22, 2100-2107.	1.7	116
20	Oxidative Synthesis ofÎ±-Amino Nitriles from Tertiary Amines. Angewandte Chemie - International Edition, 2004, 43, 4126-4128.	7.2	113
21	The asymmetric addition of trimethylsilyl cyanide to ketones catalysed by a bimetallic, chiral (salen)titanium complex. Tetrahedron Letters, 1999, 40, 8147-8150.	0.7	110
22	Catalytic Asymmetric Synthesis of O-Acetylcyanohydrins from Potassium Cyanide, Acetic Anhydride, and Aldehydes, Promoted by Chiral Salen Complexes of Titanium(IV) and Vanadium(V). Helvetica Chimica Acta, 2002, 85, 3301-3312.	1.0	110
23	A Gasâ€Phase Flow Reactor for Ethylene Carbonate Synthesis from Waste Carbon Dioxide. Chemistry - A European Journal, 2009, 15, 11454-11457.	1.7	109
24	Influence of flue gas on the catalytic activity of an immobilized aluminium(salen) complex for cyclic carbonate synthesis. Energy and Environmental Science, 2011, 4, 4163.	15.6	104
25	Synthesis of Cyclic Carbonates Catalysed by Aluminium Heteroscorpionate Complexes. Chemistry - A European Journal, 2015, 21, 9850-9862.	1.7	104
26	Greener solvents for solid-phase synthesis. Green Chemistry, 2017, 19, 952-962.	4.6	91
27	A Bimetallic Aluminium(Salphen) Complex for the Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide. ChemSusChem, 2017, 10, 74-78.	3.6	88
28	Synthesis of cyclic carbonates catalysed by aluminium heteroscorpionate complexes. Catalysis Science and Technology, 2014, 4, 1674-1684.	2.1	87
29	Mechanistic Investigation of the Asymmetric Addition of Trimethylsilyl Cyanide to Aldehydes Catalysed by Dinuclear Chiral (Salen)titanium Complexes. European Journal of Organic Chemistry, 2000, 2000, 2655-2661.	1.2	84
30	A Bimetallic Aluminum(salen) Complex for the Synthesis of 1,3-Oxathiolane-2-thiones and 1,3-Dithiolane-2-thiones. Journal of Organic Chemistry, 2010, 75, 6201-6207.	1.7	83
31	Synthetic and mechanistic studies on asymmetric cyanohydrin synthesis using a titanium(salen) bimetallic catalyst. Tetrahedron, 2004, 60, 10433-10447.	1.0	82
32	Development of a Halideâ€Free Aluminiumâ€Based Catalyst for the Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide. Chemistry - A European Journal, 2014, 20, 15005-15008.	1.7	81
33	Chiral Cobalt(III) Complexes as Bifunctional BrÃ¸nsted Acidâ€“Lewis Base Catalysts for the Preparation of Cyclic Organic Carbonates. ChemSusChem, 2016, 9, 216-222.	3.6	79
34	An integrated approach to energy and chemicals production. Energy and Environmental Science, 2010, 3, 212-215.	15.6	76
35	Bimetallic aluminium(acen) complexes as catalysts for the synthesis of cyclic carbonates from carbon dioxide and epoxides. Catalysis Science and Technology, 2011, 1, 93.	2.1	76
36	Bimetallic Aluminum(salen) Catalyzed Synthesis of Oxazolidinones from Epoxides and Isocyanates. ACS Catalysis, 2013, 3, 790-797.	5.5	76

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37	Unprecedented Carbonato Intermediates in Cyclic Carbonate Synthesis Catalysed by Bimetallic Aluminium(Salen) Complexes. ChemSusChem, 2016, 9, 791-794.	3.6	74
38	Synthesis of cyclic carbonates using monometallic, and helical bimetallic, aluminium complexes. Catalysis Science and Technology, 2012, 2, 1021.	2.1	72
39	Proline-Catalysed Amination Reactions in Cyclic Carbonate Solvents. Molecules, 2011, 16, 3420-3432.	1.7	71
40	A Chiral Solvent Effect in Asymmetric Organocatalysis. Organic Letters, 2010, 12, 2378-2381.	2.4	70
41	Conformational Analysis of Peptides and Pseudopeptides Incorporating an endo-(2S,3R)-Norborn-5-ene Residue as a Turn Inducer. Journal of Organic Chemistry, 1998, 63, 1505-1513.	1.7	69
42	Oneâ€Component Aluminum(heteroscorpionate) Catalysts for the Formation of Cyclic Carbonates from Epoxides and Carbon Dioxide. ChemSusChem, 2017, 10, 1175-1185.	3.6	68
43	Chiral Octahedral Complexes of Cobalt(III) as â€œOrganic Catalysts in Disguiseâ€• for the Asymmetric Addition of a Glycine Schiff Base Ester to Activated Olefins. Advanced Synthesis and Catalysis, 2014, 356, 1803-1810.	2.1	66
44	Importance of Microporeâ€“Mesopore Interfaces in Carbon Dioxide Capture by Carbonâ€Based Materials. Angewandte Chemie - International Edition, 2016, 55, 9173-9177.	7.2	66
45	Mechanismâ€Guided Development of VO(salen)X Complexes as Catalysts for the Asymmetric Synthesis of Cyanohydrin Trimethylsilyl Ethers. Chemistry - A European Journal, 2009, 15, 2148-2165.	1.7	65
46	Rapid and efficient adsorption of methylene blue dye from aqueous solution by hierarchically porous, activated starbonsÂ®: Mechanism and porosity dependence. Journal of Hazardous Materials, 2022, 436, 129174.	6.5	65
47	Organocatalytic, Asymmetric Aldol Reactions with a Sustainable Catalyst in a Green Solvent. ChemSusChem, 2009, 2, 862-865.	3.6	62
48	Amidinate Aluminium Complexes as Catalysts for Carbon Dioxide Fixation into Cyclic Carbonates. ChemCatChem, 2018, 10, 2271-2277.	1.8	62
49	Cyclic carbonates as sustainable solvents for proline-catalysed aldol reactions. Tetrahedron: Asymmetry, 2010, 21, 1262-1271.	1.8	61
50	Living ring-opening metathesis polymerisation of amino ester functionalised norbornenes. Polymer, 1998, 39, 1007-1014.	1.8	59
51	Influence of the metal and chiral diamine on metal(II)salen catalysed, asymmetric synthesis of Î±-methyl Î±-amino acids. Tetrahedron, 2004, 60, 3191-3204.	1.0	57
52	VO(salen)(X) catalysed asymmetric cyanohydrin synthesis: an unexpected influence of the nature of anion X on the catalytic activity. Chemical Communications, 2006, , 4614.	2.2	55
53	Catalytic, asymmetric cyanohydrin synthesis in propylene carbonate. Tetrahedron Letters, 2009, 50, 4452-4454.	0.7	53
54	Renewable Selfâ€Blowing Nonâ€Isocyanate Polyurethane Foams from Lysine and Sorbitol. European Journal of Organic Chemistry, 2018, 2018, 4265-4271.	1.2	53

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55	Ruthenium initiated ring opening metathesis polymerisation of amino-acid and -ester functionalised norbornenes and a highly selective chain-end functionalisation reaction using molecular oxygen. Polymer, 2001, 42, 6669-6671.	1.8	52
56	Inter- and intramolecular phosphonium salt cocatalysis in cyclic carbonate synthesis catalysed by a bimetallic aluminium(salen) complex. Tetrahedron Letters, 2012, 53, 2736-2740.	0.7	51
57	A New and Highly Efficient Grubbs Initiator for Ring-Opening Metathesis Polymerization. Macromolecules, 1999, 32, 6371-6373.	2.2	50
58	Cyanide ion cocatalysis in Ti(salen) catalysed asymmetric cyanohydrin carbonate synthesis. Chemical Communications, 2006, , 1775.	2.2	50
59	Influence of Mesoporous Silica Properties on Cyclic Carbonate Synthesis Catalysed by Supported Aluminium(Salen) Complexes. Advanced Synthesis and Catalysis, 2019, 361, 345-354.	2.1	50
60	Enyne Metathesis of Norbornene Derivatives: A Facile Approach to Polycyclic Heterocycles. Advanced Synthesis and Catalysis, 2002, 344, 694.	2.1	48
61	Heterogeneous catalysts for cyclic carbonate synthesis from carbon dioxide and epoxides. Current Opinion in Green and Sustainable Chemistry, 2020, 26, 100365.	3.2	48
62	Enantioselective and diastereoselective syntheses of cyanohydrin carbonates. Tetrahedron, 2007, 63, 9724-9740.	1.0	47
63	Chiral Octahedral Complexes of Co^{III} As a Family of Asymmetric Catalysts Operating under Phase Transfer Conditions. ACS Catalysis, 2013, 3, 1951-1955.	5.5	47
64	Asymmetric cyanohydrin synthesis using heterobimetallic catalysts obtained from titanium and vanadium complexes of chiral and achiral salen ligands. Tetrahedron, 2007, 63, 5287-5299.	1.0	44
65	Reducing the Cost of Production of Bimetallic Aluminium Catalysts for the Synthesis of Cyclic Carbonates. ChemSusChem, 2011, 4, 1685-1693.	3.6	44
66	Potassium and silver chiral cobaltate(III) complexes as precatalysts for asymmetric Câ€“C bond formation. Tetrahedron: Asymmetry, 2008, 19, 822-831.	1.8	42
67	In Situ Formation of Heterobimetallic Salen Complexes Containing Titanium and/or Vanadium Ions. Inorganic Chemistry, 2008, 47, 3801-3814.	1.9	42
68	Amino acid derived homochiral polymers via ring-opening metathesis polymerisation. Journal of the Chemical Society Chemical Communications, 1994, , 2505.	2.0	40
69	Chiral ion pairs in catalysis: lithium salts of chiral metallocomplex anions as catalysts for asymmetric Câ€“C bond formation. Tetrahedron: Asymmetry, 2009, 20, 1746-1752.	1.8	40
70	Robust bifunctional aluminiumâ€“salen catalysts for the preparation of cyclic carbonates from carbon dioxide and epoxides. Beilstein Journal of Organic Chemistry, 2015, 11, 1614-1623.	1.3	40
71	Carbocation/Polyol Systems as Efficient Organic Catalysts for the Preparation of Cyclic Carbonates. ChemSusChem, 2017, 10, 1152-1159.	3.6	39
72	Synthesis of Î²,Î³â€Unsaturated Acids from Allenes and Carbon Dioxide. Angewandte Chemie - International Edition, 2009, 48, 4104-4105.	7.2	38

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73	Mechanistic Investigation of the Reaction of Epoxides with Heterocumulenes Catalysed by a Bimetallic Aluminium Salen Complex. Chemistry - A European Journal, 2014, 20, 8182-8188.	1.7	38
74	Vanadium^V(salen) catalysed synthesis of oxazolidinones from epoxides and isocyanates. RSC Advances, 2014, 4, 31345-31352.	1.7	37
75	Synthesis of Oxazolidinones by using Carbon Dioxide as a C₁ Building Block and an Aluminiumâ€Based Catalyst. ChemSusChem, 2019, 12, 3296-3303.	3.6	37
76	The synthesis and ring-opening metathesis polymerization of peptide functionalized norbornenes. Chemical Communications, 1999, , 235-236.	2.2	36
77	Synthesis of Oxazolidinones from Epoxides and Isocyanates Catalysed by Aluminium Heteroscorpionate Complexes. ChemCatChem, 2016, 8, 2100-2108.	1.8	36
78	Synthesis of cyclic carbonates from epoxides and carbon dioxide using bimetallic aluminum(salen) complexes. Arkivoc, 2012, 2012, 610-628.	0.3	35
79	Asymmetric synthesis of cyanohydrins catalysed by a potassium Î”-bis[N-salicylidene-(R)-tryptophanato]cobaltate complex. Mendeleev Communications, 2004, 14, 249-250.	0.6	34
80	A bimetallic aluminium(salen) complex for asymmetric cyanohydrin synthesis. Tetrahedron Letters, 2009, 50, 3249-3252.	0.7	34
81	Aluminium(salen) and Tetrabutylammonium Bromide Catalysed Synthesis of Cyclic Di- and Trithiocarbonates from Epoxides and Carbon Disulfide. Synlett, 2010, 2010, 623-627.	1.0	34
82	Influence of Support and Linker Parameters on the Activity of Silicaâ€Supported Catalysts for Cyclic Carbonate Synthesis. ChemCatChem, 2012, 4, 789-794.	1.8	34
83	Kinetics and mechanism of vanadium catalysed asymmetric cyanohydrin synthesis in propylene carbonate. Beilstein Journal of Organic Chemistry, 2010, 6, 1043-1055.	1.3	33
84	Influence of reactor design on cyclic carbonate synthesis catalysed by a bimetallic aluminium(salen) complex. Journal of CO2 Utilization, 2013, 2, 24-28.	3.3	31
85	Asymmetric mesoâ€Epoxide Ringâ€Opening with Trimethylsilyl Cyanide Promoted by Chiral Binuclear Complexes of Titanium. Dichotomy of Cï£¿C versus Cï£¿N Bond Formation. Advanced Synthesis and Catalysis, 2009, 351, 3157-3167.	2.1	30
86	Chiral Ti(IV) complexes of hexadentate Schiff bases as precatalysts for the asymmetric addition of TMSCN to aldehydes and the ring opening of cyclohexene oxide. Tetrahedron: Asymmetry, 2006, 17, 2328-2333.	1.8	29
87	A Bimetallic Titanium Catalyst for the Enantioselective Cyanation of Aldehydes Based on Cooperative Catalysis. Angewandte Chemie - International Edition, 2010, 49, 8079-8081.	7.2	28
88	Ring opening metathesis polymerisation of a new bio-derived monomer from itaconic anhydride and furfuryl alcohol. Green Chemistry, 2016, 18, 3945-3948.	4.6	28
89	Selfâ€Assembled Ionic Composites of Negatively Charged Zn(salen) Complexes and Triphenylmethane Derived Polycations as Recyclable Catalysts for the Addition of Carbon Dioxide to Epoxides. ChemCatChem, 2019, 11, 511-519.	1.8	28
90	Carboxylcellulose hydrogel confined-Fe3O4 nanoparticles catalyst for Fenton-like degradation of Rhodamine B. International Journal of Biological Macromolecules, 2021, 180, 792-803.	3.6	28

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91	Investigation of Lewis Acid versus Lewis Base Catalysis in Asymmetric Cyanohydrin Synthesis. Chemistry - A European Journal, 2010, 16, 11367-11375.	1.7	26
92	Resin Swelling in Mixed Solvents Analysed using Hansen Solubility Parameter Space. Chemistry - A European Journal, 2019, 25, 4951-4964.	1.7	26
93	An Asymmetric, Chemo-Enzymatic Synthesis ofO-Acetylcyanohydrins. European Journal of Organic Chemistry, 2006, 2006, 4609-4617.	1.2	25
94	Synthesis of Chiral Cyclic Carbonates via Kinetic Resolution of Racemic Epoxides and Carbon Dioxide. Symmetry, 2016, 8, 4.	1.1	25
95	Mechanistic comparison of aluminium based catalysts for asymmetric cyanohydrin synthesis. Tetrahedron, 2010, 66, 1915-1924.	1.0	23
96	Kinetics and mechanism of the racemic addition of trimethylsilyl cyanide to aldehydes catalysed by Lewis bases. Organic and Biomolecular Chemistry, 2012, 10, 4289.	1.5	23
97	Quinine catalysed asymmetric Michael additions in a sustainable solvent. RSC Advances, 2015, 5, 3678-3685.	1.7	23
98	Synthesis of Cyclic and Macrocyclic Ethers Using Metathesis Reactions of Alkenes and Alkynes. European Journal of Organic Chemistry, 2007, 2007, 3727-3745.	1.2	22
99	Titanium(salen)â€Catalysed Synthesis of Diâ€and Trithiocarbonates from Epoxides and Carbon Disulfide. ChemCatChem, 2014, 6, 1252-1259.	1.8	20
100	Cyanogen formation during asymmetric cyanohydrin synthesis. Chemical Communications, 2010, 46, 3372.	2.2	19
101	Isocyanurate Formation During Oxazolidinone Synthesis from Epoxides and Isocyanates Catalysed by a Chromium(Salphen) Complex. Chemistry - A European Journal, 2017, 23, 12937-12943.	1.7	19
102	Spectroscopic characterization and thermal behavior of baru nut and macaw palm vegetable oils and their epoxidized derivatives. Industrial Crops and Products, 2020, 154, 112585.	2.5	19
103	Opportunities for the Use of Brazilian Biomass to Produce Renewable Chemicals and Materials. ChemSusChem, 2021, 14, 169-188.	3.6	17
104	Valorization of Carbon Dioxide into Oxazolidinones by Reaction with Aziridines. Current Green Chemistry, 2019, 6, 32-43.	0.7	16
105	Synthesis of Oxygen-Containing Medium and Large Rings using One-Pot Combinations of Sequential Alkene, Enyne and Alkyne Metathesis Reactions. Advanced Synthesis and Catalysis, 2007, 349, 142-146.	2.1	15
106	Importance of Microporeâ€“Mesopore Interfaces in Carbon Dioxide Capture by Carbonâ€Based Materials. Angewandte Chemie, 2016, 128, 9319-9323.	1.6	15
107	Capacitanceâ€Assisted Sustainable Electrochemical Carbon Dioxide Mineralisation. ChemSusChem, 2018, 11, 137-148.	3.6	15
108	Vanillin derived a carbonate dialdehyde and a carbonate diol: novel platform monomers for sustainable polymers synthesis. RSC Advances, 2018, 8, 34297-34303.	1.7	15

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109	Homogeneous and silica-supported zinc complexes for the synthesis of propylene carbonate from propane-1,2-diol and carbon dioxide. Catalysis Science and Technology, 2016, 6, 4824-4831.	2.1	14
110	Wholly biomass derivable sustainable polymers by ring-opening metathesis polymerisation of monomers obtained from furfuryl alcohol and itaconic anhydride. Polymer Chemistry, 2017, 8, 3074-3081.	1.9	14
111	Structural analysis of five-coordinate aluminium(salen) complexes and its relationship to their catalytic activity. Dalton Transactions, 2021, 50, 587-598.	1.6	14
112	Across the Board: Michael North on Carbon Dioxide Biorefinery. ChemSusChem, 2019, 12, 1763-1765.	3.6	13
113	Introducing the Tishchenko reaction into sustainable polymer chemistry. Green Chemistry, 2020, 22, 1542-1547.	4.6	12
114	Copolymerization of amino acid and amino ester functionalized norbornenes via living ringâ€opening metathesis polymerization. Journal of Polymer Science Part A, 2008, 46, 7985-7995.	2.5	11
115	Chiral titanium(IV) and vanadium(V) salen complexes as catalysts for carbon dioxide and epoxide coupling reactions. Tetrahedron, 2021, 82, 131929.	1.0	11
116	Efficient Synthesis of Cyclic Carbonates from Unsaturated Acids and Carbon Dioxide and their Application in the Synthesis of Biobased Polyurethanes. ChemPlusChem, 2021, 86, 460-468.	1.3	11
117	Introducing the reversible chemistry of CO₂ with diols mediated by organic superbases into polycarbonate synthesis. Green Chemistry, 2020, 22, 4871-4877.	4.6	10
118	Investigation of Parameters that Affect Resin Swelling in Green Solvents. ChemistryOpen, 2020, 9, 431-441.	0.9	10
119	Synthesis of Cyclic Carbonates from Polyols and Carbon Dioxide, Urea or Carbon Monoxide. Current Green Chemistry, 2014, 1, 257-272.	0.7	10
120	The charge-assisted hydrogen-bonded organic framework (CAHOF) self-assembled from the conjugated acid of tetrakis(4-aminophenyl)methane and 2,6-naphthalenedisulfonate as a new class of recyclable BrÃ¸nsted acid catalysts. Beilstein Journal of Organic Chemistry, 2020, 16, 1124-1134.	1.3	10
121	New catalysts for carboxylation of propylene glycol to propylene carbonate via high-throughput screening. Faraday Discussions, 2015, 183, 19-30.	1.6	9
122	Facile preparation of polycarbonates from bio-based eugenol and 2-methoxy-4-vinylphenol. Polymer Chemistry, 2020, 11, 5133-5139.	1.9	9
123	Ring-Opening Metathesis Polymerization of Tertiary Amide Monomers Derived from a Biobased Oxanorbornene. ACS Sustainable Chemistry and Engineering, 2018, 6, 9744-9752.	3.2	8
124	Rapid Ringâ€Opening Metathesis Polymerization of Monomers Obtained from Biomassâ€Derived Furfuryl Amines and Maleic Anhydride. ChemSusChem, 2019, 12, 2393-2401.	3.6	8
125	Preparation of Novel Aromaticâ€Aliphatic Poly(ketone ester)s through Condensation of Biomassâ€Derived Monomers. ChemCatChem, 2018, 10, 5377-5381.	1.8	7
126	Synthesis, characterisation and carbon dioxide capture capacities of hierarchically porous Starbons^{Â®}. Green Chemistry, 2022, 24, 1545-1560.	4.6	7

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127	Synthesis of Cyclic Carbonates from Carbon Dioxide and Epoxides. , 2013, , 379-413.		6
128	A mechanistic study of the Lewis acidâ€“BrÃ¸nsted baseâ€“BrÃ¸nsted acid catalysed asymmetric Michael addition of diethyl malonate to cyclohexenone. Catalysis Science and Technology, 2017, 7, 90-101.	2.1	6
129	Zeolite-mediated production of cyclic organic carbonates: reaction of CO₂ with styrene oxide on zeolite Y impregnated with metal halides. Reaction Chemistry and Engineering, 2021, 6, 672-678.	1.9	6
130	Exploiting the strain in [2.2.1]bicyclic systems in polymer and synthetic organic chemistry. Advances in Strained and Interesting Organic Molecules, 2000, , 145-185.	1.2	6
131	A new acrylated monomer from macaw vegetable oil that polymerizes without external photoinitiators. Journal of Polymer Research, 2021, 28, 1.	1.2	6
132	Kinetics and mechanism of base catalysed ethyl cyanoformate addition to aldehydes. Tetrahedron, 2014, 70, 7100-7105.	1.0	5
133	Unprecedented reductive cyclisation of salophen ligands to tetrahydroquinoxalines during metal complex formation. Chemical Communications, 2020, 56, 4844-4847.	2.2	5
134	The use of norbornene derivatives in the synthesis of conformationally constrained peptides and pseudo-peptides. International Journal of Peptide Research and Therapeutics, 1998, 5, 171-173.	0.1	4
135	Synthesis of nucleic-acid base containing norbornene derivatives as monomers for ring-opening-metathesisâ€“polymerization. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 3365-3381.	1.3	4
136	Halide-Free Synthesis of Cyclic and Polycarbonates. , 2016, , 413-434.		4
137	The Baker's Yeast Reduction of Keto-Esters in Organic Solvents: A One Week Research Project for Undergraduate Students. Journal of Chemical Education, 1998, 75, 630.	1.1	3
138	Laminaria digitata and Palmaria palmata Seaweeds as Natural Source of Catalysts for the Cycloaddition of CO2 to Epoxides. Molecules, 2019, 24, 269.	1.7	3
139	Inhibition by Water during Heterogeneous BrÃ¸nsted Acid Catalysis by Three-Dimensional Crystalline Organic Salts. Crystal Growth and Design, 2021, 21, 6364-6372.	1.4	3
140	[4â€(2â€Hydroxyphenyl)imidazolium Salts as Organocatalysts for Cycloaddition of Isocyanates and Epoxides to Yield Oxazolidinâ€2â€ones. ChemistrySelect, 2022, 7, .	0.7	3
141	Exploring the scope of capacitance-assisted electrochemical carbon dioxide capture. Dalton Transactions, 2018, 47, 10447-10452.	1.6	2
142	Synthesis of cytotoxic spirocyclic imides from a biomass-derived oxanorbornene. Tetrahedron, 2021, 77, 131754.	1.0	2
143	Resin Swelling in Mixed Solvents Analysed using Hansen Solubility Parameter Space. Chemistry - A European Journal, 2019, 25, 4869-4869.	1.7	1
144	Mechanistic Investigation of the Asymmetric Addition of Trimethylsilyl Cyanide to Aldehydes Catalysed by Dinuclear Chiral (Salen)titanium Complexes. European Journal of Organic Chemistry, 2000, 2000, 2655-2661.	1.2	1

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145	Title is missing!. International Journal of Peptide Research and Therapeutics, 1998, 5, 171-173.	0.1	0
146	Alkylation and Allylation Adjacent to a Carbonyl Group. , 2005, , 13-33.		0
147	Across the Board: Michael North. ChemSusChem, 2016, 9, 2012-2014.	3.6	0
148	Homogeneous aluminum and iron catalysts for the synthesis of organic molecules and biodegradable polymers. , 2021, , 3-43.		0
149	Closing the loop in the synthesis of heteroscorpionate-based aluminium helicates: catalytic studies for cyclic carbonate synthesis. Dalton Transactions, 0, , .	1.6	0