

# Catalytic Asymmetric Dearomatization Reactions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ruthenium-Catalyzed Intramolecular Allylic Dearomatization Reaction of Indole Derivatives. <i>Organic Letters</i> , 2013, 15, 3746-3749.	2.4	69
2	<i>ortho</i> -Dearomatization of Phenols Creating All-Carbon Spiro-Bicycles. <i>Organic Letters</i> , 2013, 15, 4046-4049.	2.4	40
3	Dearomatizing Conjugate Addition to Quinolinyl Amidines for the Synthesis of Dehaloperphoramidine through Tandem Arylation and Allylation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10204-10207.	7.2	31
4	Palladium-Catalyzed Intermolecular Asymmetric Allylic Dearomatization Reaction of Naphthol Derivatives. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10056-10059.	7.2	152
5	Enantioselective Chlorocyclization of Indole Derived Benzamides for the Synthesis of Spiro-indolines. <i>Organic Letters</i> , 2013, 15, 4266-4269.	2.4	88
6	Palladium(0)-catalyzed intramolecular dearomative arylation of pyrroles. <i>Chemical Communications</i> , 2013, 49, 8620.	2.2	55
7	Axially Chiral Dicarboxylic Acid Catalyzed Activation of Quinone Imine Ketals: Enantioselective Arylation of Enecarbamates. <i>Journal of the American Chemical Society</i> , 2013, 135, 16010-16013.	6.6	76
8	Merging Oxidative Dearomatization and Aminocatalysis: One-Pot Enantioselective Synthesis of Tricyclic Architectures. <i>Organic Letters</i> , 2013, 15, 5642-5645.	2.4	66
9	Biomimetic Total Synthesis of (±)-Merchlorin...A. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12170-12173.	7.2	41
10	Hydrogen Bonding and Alcohol Effects in Asymmetric Hypervalent Iodine Catalysis: Enantioselective Oxidative Dearomatization of Phenols. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9215-9218.	7.2	210
11	Enantioselective Friedel-Crafts alkylation for synthesis of 2-substituted indole derivatives. <i>Chemical Communications</i> , 2013, 49, 11311.	2.2	73
12	Palladium-Catalyzed Intramolecular <i>ipso</i> -Friedel-Crafts Alkylation of Phenols and Indoles: Rearomatization-Assisted Oxidative Addition. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2217-2220.	7.2	165
13	A novel method for synthesizing 3-arylpiperidine and 4-arylpiperidine derivatives through an acid-promoted skeletal rearrangement. <i>Tetrahedron Letters</i> , 2013, 54, 1562-1565.	0.7	18
14	Recent Developments in the Catalytic, Asymmetric Construction of Pyrroloindolines Bearing All-Carbon Quaternary Stereocenters. <i>Journal of Organic Chemistry</i> , 2013, 78, 12314-12320.	1.7	177
15	Tandem Dienone Photorearrangement-Cycloaddition for the Rapid Generation of Molecular Complexity. <i>Journal of the American Chemical Society</i> , 2013, 135, 17978-17982.	6.6	38
16	Synthesis of spiro[4.5]cyclohexadienones with an allene motif via a base-promoted intramolecular <i>ipso</i> -Friedel-Crafts addition of phenols to propargyl bromides. <i>Tetrahedron</i> , 2013, 69, 3403-3409.	1.0	21
17	An expedient stereoselective and chemoselective synthesis of bicyclic oxazolidinones from quinols and isocyanates. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2939.	1.5	24
18	Research on the pig liver esterase (PLE)-catalyzed kinetic resolution of half-esters derived from prochiral diesters. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 357-361.	1.8	12

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19	N-Indolyltriethylborate: A Useful Reagent for Synthesis of C3-Quaternary Indolenines. <i>Organic Letters</i> , 2013, 15, 1950-1953.	2.4	67
20	Construction of <i>Spiro</i> -tetrahydroquinolines via Intramolecular Dearomatization of Quinolines: Free of a Preinstalled Activation Group. <i>Organic Letters</i> , 2013, 15, 1488-1491.	2.4	54
21	Chiral Anion Phase-Transfer Catalysis Applied to the Direct Enantioselective Fluorinative Dearomatization of Phenols. <i>Journal of the American Chemical Society</i> , 2013, 135, 1268-1271.	6.6	222
22	Copper-Catalyzed Highly Enantioselective Cyclopentannulation of Indoles with Donor-Acceptor Cyclopropanes. <i>Journal of the American Chemical Society</i> , 2013, 135, 7851-7854.	6.6	330
23	Enantioselective synthesis of hindered cyclic dialkyl ethers via catalytic oxa-Michael/Michael desymmetrization. <i>Chemical Science</i> , 2013, 4, 2828.	3.7	80
24	Dearomatization Strategy of $\hat{\text{I}}^2$ -Enamino Ester: Construction of Indenoazepines via Tandem Michael Addition/Polycyclization. <i>Organic Letters</i> , 2013, 15, 3464-3467.	2.4	14
25	Electrophilicity: the "dark-side" of indole chemistry. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5206.	1.5	125
26	Enantioselective Functionalization of Indoles and Pyrroles via an in Situ-Formed Spiro Intermediate. <i>Journal of the American Chemical Society</i> , 2013, 135, 8169-8172.	6.6	147
27	A singlet oxygen approach to oxaspirocycles. <i>Tetrahedron Letters</i> , 2013, 54, 3294-3297.	0.7	20
28	Cascade Oxidative Dearomatization/Semipinacol Rearrangement: An Approach to Spirocyclic Oxindole Derivatives. <i>Chemistry - an Asian Journal</i> , 2013, 8, 883-887.	1.7	39
29	Ru-catalyzed intermolecular dearomatization reaction of indoles with allylic alcohols. <i>Chemical Science</i> , 2013, 4, 3239.	3.7	74
30	Iron-Catalyzed Oxidative Cross-Coupling of Phenols and Alkenes. <i>Organic Letters</i> , 2013, 15, 3174-3177.	2.4	79
31	Chiral Hypervalent Iodine Reagents: Synthesis and Reactivity. <i>Chemistry - A European Journal</i> , 2013, 19, 17244-17260.	1.7	162
32	Ru <sup>II</sup> -Catalyzed Vinylative Dearomatization of Naphthols via a C(sp <sup>2</sup> )-H Bond Activation Approach. <i>Journal of the American Chemical Society</i> , 2013, 135, 17306-17309.	6.6	227
33	Palladium-Catalyzed Intramolecular <i>ipso</i> -Friedel-Crafts Allylic Alkylation of Phenols via Arylative Activation of Allenes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2693-2700.	2.1	32
34	Bioinspired Total Synthesis of Montanine-Type Amaryllidaceae Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14167-14172.	7.2	40
39	Dearomatizing Conjugate Addition to Quinolinylium Amidines for the Synthesis of Dehaloperophoramidine through Tandem Arylation and Allylation. <i>Angewandte Chemie</i> , 2013, 125, 10394-10397.	1.6	8
41	Biomimetic Total Synthesis of (±)-Merochlorin...A. <i>Angewandte Chemie</i> , 2013, 125, 12392-12395.	1.6	18

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42	Intermolecular Asymmetric Dearomatization of Phenols. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 181-182.	0.0	0
45	Synthesis of fused tetracyclic spiroindoles via palladium-catalysed cascade cyclisation. <i>Chemical Communications</i> , 2014, 50, 298-300.	2.2	38
46	Ruthenium-catalyzed Intramolecular Allylic Dearomatization/Migration Reaction of Indoles and Pyrroles. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1731-1734.	2.1	18
47	Dioxygen-triggered Transannular Dearomatization of Benzo[5]helicene Diols: Highly Efficient Synthesis of Chiral Extended Diones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4648-4651.	7.2	30
49	Synthesis of Spirocyclic Enones by Rhodium-catalyzed Dearomatizing Oxidative Annulation of 2-Alkenylphenols with Alkynes and Enynes. <i>Chemistry - A European Journal</i> , 2014, 20, 8599-8602.	1.7	107
51	Asymmetric transformations of achiral 2,5-cyclohexadienones. <i>Tetrahedron</i> , 2014, 70, 9571-9585.	1.0	102
53	Unprecedented Role of Hydronaphthoquinone Tautomers in Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9806-9811.	7.2	45
54	CHAPTER 9. Asymmetric Oxidation of Alcohols and Phenol Derivatives with Air as Oxidant. <i>RSC Green Chemistry</i> , 0, , 231-255.	0.0	1
55	Oxidative Nucleophilic Cyclization of 2-Alkynylanilines with Thiophenols under Metal-Free Conditions. <i>Organic Letters</i> , 2014, 16, 6508-6511.	2.4	36
56	Metal-free Enantioselective Electrophilic Activation of Allenamides: Stereoselective Dearomatization of Indoles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13854-13857.	7.2	127
58	Gold-catalyzed Carbocyclization of Phenols with a Terminal Alkyne via an Intramolecular ipso-Friedel-Crafts Alkenylation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2417-2421.	2.1	83
60	Hydrogenative Dearomatization of Pyridine and an Asymmetric Aza-Friedel-Crafts Alkylation Sequence. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2194-2197.	7.2	94
61	Short Chemoenzymatic Total Synthesis of ent-Hydromorphone: An Oxidative Dearomatization/Intramolecular [4+2] Cycloaddition/Amination Sequence. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4355-4358.	7.2	61
62	Ir-catalyzed intermolecular asymmetric allylic dearomatization reaction of indoles. <i>Chemical Science</i> , 2014, 5, 1059.	3.7	124
63	Synthesis of dihydrobenzo[b]furans by diastereoselective acyloxyarylation. <i>Chemical Communications</i> , 2014, 50, 463-465.	2.2	24
64	Catalytic Asymmetric Synthesis of [2,3]-Fused Indoline Heterocycles through Inverse-Electron-Demand Aza-Diels-Alder Reaction of Indoles with Azoalkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4680-4684.	7.2	171
65	Palladium-catalyzed Intermolecular Allylic Dearomatization Reaction of 1-Substituted 2-Naphthol Derivatives: Scope and Mechanistic Investigation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2020-2028.	2.1	38
66	Direct Assembly of 3,4-Difunctionalized Benzofurans and Polycyclic Benzofurans by Phenol Dearomatization and Palladium-catalyzed Domino Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6805-6809.	7.2	42

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67	Preparation of chiral building blocks for the enantioselective total synthesis of ent-kauranoids by the pig liver esterase-catalyzed asymmetric hydrolysis of a dialkyl malonate-type prochiral diester. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 718-724.	1.8	12
68	Highly Diastereoselective and Regioselective Copper-Catalyzed Nitrosoformate Dearomatization Reaction under Aerobic Oxidation Conditions. <i>Chemistry - A European Journal</i> , 2014, 20, 3927-3931.	1.7	25
69	Palladium-Catalyzed Dearomative Trimethylenemethane Cycloaddition Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 8213-8216.	6.6	144
70	The Concise Synthesis of Spiro-Cyclopropane Compounds via the Dearomatization of Indole Derivatives. <i>Organic Letters</i> , 2014, 16, 2578-2581.	2.4	41
71	Dearomatization Strategy and Palladium-Catalyzed Domino Reaction: Construction of Azepino[5,4,3- <i>cd</i> ]indoles from 2-Alkynylanilines. <i>Organic Letters</i> , 2014, 16, 816-819.	2.4	49
72	Taming Gold(I) Counterion Interplay in the Dearomatization of Indoles with Allenamides. <i>Chemistry - A European Journal</i> , 2014, 20, 9875-9878.	1.7	85
74	Mechanistic Insights into the Pd-Catalyzed Intermolecular Asymmetric Allylic Dearomatization of Multisubstituted Pyrroles: Understanding the Remarkable Regio- and Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 16251-16259.	6.6	64
75	Asymmetric Dearomatization of <i>1</i> -Naphthols through an Amination Reaction Catalyzed by a Chiral Phosphoric Acid. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 647-650.	7.2	100
76	Pyridine/Copper Catalyst: Asymmetric <i>exo</i> -selective [3+2] Cycloaddition using Imino Ester and Electrophilic Indole. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10462-10465.	7.2	174
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79	Silver-catalyzed carbon-phosphorus functionalization of N-( <i>p</i> -methoxyaryl)propiolamides coupled with dearomatization: access to phosphorylated aza-decenones. <i>Chemical Communications</i> , 2014, 50, 13998-14001.	2.2	95
80	Organocatalytic Asymmetric Arylative Dearomatization of 2,3-Disubstituted Indoles Enabled by Tandem Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13912-13915.	7.2	190
81	Palladium-catalyzed direct C-H allylation of arenes without directing groups. <i>Organic Chemistry Frontiers</i> , 2014, 1, 546.	2.3	18
82	Copper-catalyzed oxidative ipso-carboalkylation of activated alkynes with ethers leading to 3-etherified azaspiro[4.5]trienones. <i>Organic Chemistry Frontiers</i> , 2014, 1, 484.	2.3	126
83	Imino exchange reaction in a dearomatization strategy: synthesis of N-acyl diarylamines and phenothiazines from two anilines. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1055-1057.	2.3	5
84	The ever-expanding role of asymmetric covalent organocatalysis in scalable, natural product synthesis. <i>Natural Product Reports</i> , 2014, 31, 1318-1327.	5.2	79
85	Highly Enantioselective Ring-Opening Reactions of Aziridines with Indole and Its Application in the Building of C <sub>3</sub> -Halogenated Pyrroloindolines. <i>Chemistry - A European Journal</i> , 2014, 20, 16478-16483.	1.7	51
86	Construction of Erythrinane Skeleton via Pd(0)-Catalyzed Intramolecular Dearomatization of <i>para</i> -Aminophenols. <i>Journal of the American Chemical Society</i> , 2014, 136, 15469-15472.	6.6	146

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87	Bioinspired Step-Economical, Redox-Economical and Protecting-Group-Free Enantioselective Total Syntheses of (±)-Chaetominine and Analogues. Chinese Journal of Chemistry, 2014, 32, 757-770.	2.6	30
88	Gram-Scale Enantioselective Formal Synthesis of Morphine through an ortho-oxidative Phenolic Coupling Strategy. Angewandte Chemie - International Edition, 2014, 53, 13498-13501.	7.2	46
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91	Dearomatization of tryptophols via a vanadium-catalyzed asymmetric epoxidation and ring-opening cascade. Chemical Communications, 2014, 50, 1231-1233.	2.2	84
92	Asymmetric oxidative dearomatizations promoted by hypervalent iodine(III) reagents: an opportunity for rational catalyst design?. Tetrahedron Letters, 2014, 55, 4681-4689.	0.7	96
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94	Asymmetric Chlorocyclization of Indole-3-yl-benzamides for the Construction of Fused Indolines. Organic Letters, 2014, 16, 2426-2429.	2.4	75
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97	Pd(0)-Catalyzed Alkenylation and Allylic Dearomatization Reactions between Nucleophile-Bearing Indoles and Propargyl Carbonate. Organic Letters, 2014, 16, 3919-3921.	2.4	74
98	Transition-Metal-Catalyzed Asymmetric Allylic Dearomatization Reactions. Accounts of Chemical Research, 2014, 47, 2558-2573.	7.6	699
99	One-Pot Synthesis of Highly Substituted 4-Acetylindoles via Sequential Dearomatization and Silver-Catalyzed Domino Reaction. Organic Letters, 2014, 16, 3600-3603.	2.4	32
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101	Highly Enantioselective Construction of Tricyclic Derivatives by the Desymmetrization of Cyclohexadienones. Angewandte Chemie - International Edition, 2014, 53, 8184-8189.	7.2	68
102	Dearomative Indole [5+2] Cycloaddition Reactions: Stereoselective Synthesis of Highly Functionalized Cyclohepta[b]indoles. Angewandte Chemie - International Edition, 2014, 53, 11051-11055.	7.2	77
103	Rh(III)-Catalyzed Selective Coupling of N-Methoxy-1H-indole-1-carboxamides and Aryl Boronic Acids. Organic Letters, 2014, 16, 3560-3563.	2.4	104
104	Direct Asymmetric Dearomatization of Pyridines and Pyrazines by Iridium-Catalyzed Allylic Amination Reactions. Angewandte Chemie - International Edition, 2014, 53, 6986-6989.	7.2	99
105	Hypervalent Iodine(III)-Mediated Oxidative Dearomatizing Cyclization of Arylamines. Advanced Synthesis and Catalysis, 2014, 356, 2437-2444.	2.1	18

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106	Construction of Divergent Fused Heterocycles via an Acid-Promoted Intramolecular ipso-Friedel-Crafts Alkylation of Phenol Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 3866-3875.	1.7	26
107	Highly Regio- and Enantioselective Synthesis of Polysubstituted 2-H-Pyrroles via Pd-Catalyzed Intermolecular Asymmetric Allylic Dearomatization of Pyrroles. <i>Journal of the American Chemical Society</i> , 2014, 136, 6590-6593.	6.6	78
108	Asymmetric Dearomatic Diels-Alder Reactions of Diverse Heteroarenes via I <sup>-</sup> -System Activation. <i>Organic Letters</i> , 2014, 16, 3208-3211.	2.4	73
109	Recent advances in dearomatization of heteroaromatic compounds. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4807-4815.	1.5	307
114	Practical Oxidative Dearomatization of Phenols with Sodium Hypochlorite Pentahydrate. <i>Chemistry Letters</i> , 2015, 44, 381-383.	0.7	21
115	Chiral Ammonium Hypoiodite-catalyzed Enantioselective Oxidative Dearomatization of 1-Naphthols Using Hydrogen Peroxide. <i>Chemistry Letters</i> , 2015, 44, 179-181.	0.7	48
116	Asymmetric Dearomatization of 1-Amino-Naphthalene Derivatives through C-C Bond Formation with Electron-Rich Heterocycles as Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4374-4382.	1.2	13
117	Dearomatization of Indoles via a Phenol-Directed Vanadium-Catalyzed Asymmetric Epoxidation and Ring-Opening Cascade. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3064-3068.	2.1	34
122	Application of a C-C Bond-Forming Conjugate Addition Reaction in Asymmetric Dearomatization of 1-Naphthols. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9523-9527.	7.2	101
123	Aniline Dearomatization and Silver-Catalyzed [3+3] Dipolar Cycloaddition: Efficient Construction of Oxocino[4,3,2-cd]indoles from 2-Alkynylanilines and 2-Alkynylbenzaldoximes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14013-14016.	7.2	30
124	Gold(I)-Catalyzed Dearomative [2+2]-Cycloaddition of Indoles with Activated Allenes: A Combined Experimental-Computational Study. <i>Chemistry - A European Journal</i> , 2015, 21, 18445-18453.	1.7	59
125	Palladium-Catalyzed Dearomative Cyclocarbonylation by C-N Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10912-10916.	7.2	70
129	Catalytic Enantioselective Arylative Dearomatization of 3-Methyl-2-vinylindoles Enabled by Reactivity Switch. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 4031-4040.	2.1	34
131	Highly Enantioselective Nucleophilic Dearomatization of Pyridines by Anion-Binding Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8823-8827.	7.2	127
133	Enantioselective Palladium-Catalyzed Dearomative Cyclization for the Efficient Synthesis of Terpenes and Steroids. <i>Angewandte Chemie</i> , 2015, 127, 3076-3080.	1.6	46
137	Enantioselective Construction of Spiroindolines with Three Contiguous Stereogenic Centers and Chiral Tryptamine Derivatives via Reactive Spiroindolenine Intermediates. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14146-14149.	7.2	90
138	Asymmetric Dearomatization of 1-Naphthols through a Bifunctional Thiourea-Catalyzed Michael Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14929-14932.	7.2	98
139	Destruction and Construction: Application of Dearomatization Strategy in Aromatic Carbon-Nitrogen Bond Functionalization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13655-13658.	7.2	19



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140	Chiral Iodine-Catalyzed Dearomatizative Spirocyclization for the Enantioselective Construction of an All-Carbon Stereogenic Center. <i>Chemistry - A European Journal</i> , 2015, 21, 10314-10317.	1.7	106
141	Chiral $N,N$ -Dioxide-Scandium(III)-Catalyzed Asymmetric Dearomatization of 2-Naphthols through an Amination Reaction. <i>Chemistry - A European Journal</i> , 2015, 21, 17453-17458.	1.7	70
143	Enantioselective Synthesis of Pyrrole-Based Spiro- and Polycyclic Derivatives by Iridium-Catalyzed Asymmetric Allylic Dearomatization and Controllable Migration Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8475-8479.	7.2	90
144	Enantioselective Borylative Dearomatization of Indoles through Copper(I) Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8809-8813.	7.2	115
145	Total synthesis of illicidione A and illihendione A. <i>Tetrahedron</i> , 2015, 71, 4821-4829.	1.0	19
146	Assessing the Role of Counterion in Gold-Catalyzed Dearomatization of Indoles with Allenamides by NMR Studies. <i>ACS Catalysis</i> , 2015, 5, 3911-3915.	5.5	66
147	Intermolecular Dearomatization Reaction of Pyrroles Promoted by Silica Gel. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 912-916.	2.1	13
148	Convenient synthesis of spiroindole derivatives via palladium-catalyzed cyclization of propargyl chlorides. <i>Tetrahedron</i> , 2015, 71, 6580-6585.	1.0	6
149	Expedient synthesis of nitrovinyl substituted bicyclo[2.2.2]octenone scaffolds. <i>RSC Advances</i> , 2015, 5, 100060-100069.	1.7	4
150	Silver(I)-Catalyzed Dearomatization of Alkyne-Tethered Indoles: Divergent Synthesis of Spirocyclic Indolenines and Carbazoles. <i>Organic Letters</i> , 2015, 17, 4372-4375.	2.4	120
151	Catalytic Asymmetric Construction of Pyrroloindolines via an in Situ Generated Magnesium Catalyst. <i>Organic Letters</i> , 2015, 17, 176-179.	2.4	74
152	Direct Asymmetric Dearomatization of 2-Naphthols by Scandium-Catalyzed Electrophilic Amination. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2356-2360.	7.2	121
153	C-H Bond Functionalization via [1,5]-Hydride Shift/Cyclization Sequence: Approach to Spiroindolenines. <i>Journal of Organic Chemistry</i> , 2015, 80, 1155-1162.	1.7	55
154	Engineering Gold Nanoparticles with DNA Ligands for Selective Catalytic Oxidation of Chiral Substrates. <i>ACS Catalysis</i> , 2015, 5, 1489-1498.	5.5	79
155	Pd(0)-catalyzed benzylation of indole through $\beta$ -benzyl palladium intermediate. <i>Chinese Journal of Catalysis</i> , 2015, 36, 15-18.	6.9	5
156	Synthesis of pyrroloindolines and furoindolines via cascade dearomatization of indole derivatives with carbenium ion. <i>Chemical Communications</i> , 2015, 51, 5971-5974.	2.2	26
157	One-Pot Enantioselective Synthesis of 1,4-Naphthoquinone-Derived Polycycles through Oxidative Dearomatization and Aminocatalysis. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2005-2011.	1.2	21
158	Enantioselective Palladium-Catalyzed Dearomative Cyclization for the Efficient Synthesis of Terpenes and Steroids. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3033-3037.	7.2	162



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160	Cerium(IV) ammonium nitrate mediated 5-endo-dig cyclization of $\beta$ -amino allenylphosphonates to spirodienones. <i>Chemical Communications</i> , 2015, 51, 3612-3615.	2.2	14
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333	Palladium-Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3221-3225.	7.2	40
334	Asymmetric Arylative Dearomatization of 1,2-Naphthols Catalyzed by a Chiral Phosphoric Acid. <i>Chemistry - A European Journal</i> , 2017, 23, 5381-5385.	1.7	44
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375	Chiral <i>N,N</i> -dioxide/Sc(OTf) <sub>3</sub> complex-catalyzed asymmetric dearomatization of 1 <sup>2</sup> -naphthols. <i>Chemical Communications</i> , 2017, 53, 11759-11762.	2.2	22
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379	Organocatalytic Intramolecular [4+2] Cycloaddition between In Situ Generated Vinylidene <i>ortho</i> -Quinone Methides and Benzofurans. <i>Angewandte Chemie</i> , 2017, 129, 13910-13914.	1.6	29
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382	Organocatalytic Intramolecular [4+2] Cycloaddition between In Situ Generated Vinylidene <i>ortho</i> -Quinone Methides and Benzofurans. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13722-13726.	7.2	82
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388	A Simple and Broadly Applicable C-N Bond Forming Dearomatization Protocol Enabled by Bifunctional Amino Reagents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14531-14535.	7.2	70
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390	Rapid Assembly of Diversely Functionalized Spiroindenes by a Three-Component Palladium-Catalyzed C-H Amination/Phenol Dearomatization Domino Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14257-14261.	7.2	109
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392	Synthesis of Spiroindolenines via Regioselective Gold(I)-Catalyzed Cyclizations of N-Propargyl Tryptamines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4036-4042.	2.1	61
393	Palladium-Catalyzed Highly Stereoselective Dearomative [3 + 2] Cycloaddition of Nitrobenzofurans. <i>Chem</i> , 2017, 3, 428-436.	5.8	152
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395	Lewis Acid-Catalyzed Selective [2 + 2]-Cycloaddition and Dearomatizing Cascade Reaction of Aryl Alkynes with Acrylates. <i>Journal of the American Chemical Society</i> , 2017, 139, 13570-13578.	6.6	65
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398	Divergent Synthesis of Polycyclic Indolines: Copper-Catalyzed Cascade Reactions of Propargylic Carbamates and Indoles. <i>Organic Letters</i> , 2017, 19, 4098-4101.	2.4	68
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401	Highly Diastereo- and Enantioselective Synthesis of Tetrahydro-5 <i>H</i> -indolo[2,3- <i>b</i> ]quinolines through Copper-Catalyzed Propargylic Dearomatization of Indoles. <i>Chemistry - A European Journal</i> , 2017, 23, 12489-12493.	1.7	77



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403	PhI(OAc) <sub>2</sub> -mediated dialkoxylation of 4-aminostyrenes through a dearomatization process under metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2156-2158.	2.3	5
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405	Stereoselective Synthesis of Piperidines by Iridium-Catalyzed Cyclocondensation. <i>Angewandte Chemie</i> , 2017, 129, 11673-11677.	1.6	16
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#	ARTICLE	IF	CITATIONS
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529	Recent Developments in Transition Metal-Catalyzed Dearomative Cyclizations of Indoles as Dipolarophiles for the Construction of Indolines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 405-425.	2.1	145
530	Asymmetric Reactions Involving Lewis Base Catalyst Tethered Dearomatized Intermediates. <i>Chemistry - A European Journal</i> , 2019, 25, 1607-1613.	1.7	29
531	A chiral squaramide-catalyzed asymmetric dearomative tandem annulation reaction through a kinetic resolution of MBH alcohols: highly enantioselective synthesis of three-dimensional heterocyclic compounds. <i>Chemical Communications</i> , 2019, 55, 10464-10467.	2.2	24
532	Palladium-Catalyzed Dearomative <i>syn</i> -1,4-Carboamination with Grignard Reagents. <i>Angewandte Chemie</i> , 2019, 131, 10351-10355.	1.6	7
534	Ni-Catalyzed Regio- and Enantioselective Domino Reductive Cyclization: One-Pot Synthesis of 2,3-Fused Cyclopentannulated Indolines. <i>ACS Catalysis</i> , 2019, 9, 7335-7342.	5.5	75
535	Chiral phosphoric acid catalyzed aminative dearomatization of $\pm$ -naphthols/Michael addition sequence. <i>Nature Communications</i> , 2019, 10, 3150.	5.8	46
536	Indolylglycines Backbones in the Synthesis of Enantiopure 3,3-Spiroindolenines, Indolyl Tetracyclic Hemiaminals, and 3-Indolyl-maleimides Frameworks. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5662-5677.	1.2	2
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539	Site-Selective Oxidative Dearomatization of Phenols and Naphthols into ortho-Quinols or Epoxy ortho-Quinols using Oxone as the Source of Dimethyldioxirane. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4468-4473.	2.1	7
540	Phenolic Oxidation Using $H_2O_2$ via in Situ Generated <i>para</i> -Quinone Methides for the Preparation of <i>para</i> -Spiroepoxydienones. <i>Organic Letters</i> , 2019, 21, 6504-6507.	2.4	18
541	Rh-Catalyzed Aminative Dearomatization of Naphthols with Hydroxylamine-O-Sulfonic Acid (HOSA). <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5736-5739.	1.2	15
542	Organocatalytic Asymmetric Dearomatization of 3-Nitroindoles and 3-Nitrobenzothiophenes via Thiol-Triggered Diastereo- and Enantioselective Double Michael Addition Reaction. <i>Organic Letters</i> , 2019, 21, 5452-5456.	2.4	47
543	Copper-Catalyzed Oxidative Dearomatization of 2-Naphthols via Etherification. <i>Chinese Journal of Chemistry</i> , 2019, 37, 903-908.	2.6	16
544	Enantioselective dearomative [3+2] cycloaddition of 2-nitrobenzofurans with aldehyde-derived Morita-Baylis-Hillman carbonates. <i>Chemical Communications</i> , 2019, 55, 9144-9147.	2.2	49
545	Metal-Free Three-Component Selenopheno[2,3- <i>b</i> ]indole Formation through Double C-H Selenylation with Selenium Powder. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5351-5356.	2.1	17
546	Catalytic Asymmetric Dearomative [3+2] Cyclisation of 1,4-Quinone with 2,3-Disubstituted Indoles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5449-5457.	2.1	23



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547	Dearomative Dual Functionalization of Aryl Iodanes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17210-17214.	7.2	27
548	Palladium-Catalyzed Dearomative <i>syn</i> -1,4-Oxyamination. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15762-15766.	7.2	17
549	Enantioselective Synthesis of Hydrothiazole Derivatives via an Isocyanide-Based Multicomponent Reaction. <i>Organic Letters</i> , 2019, 21, 8771-8775.	2.4	21
550	Dearomative Dual Functionalization of Aryl Iodanes. <i>Angewandte Chemie</i> , 2019, 131, 17370-17374.	1.6	3
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554	High-Performance Ammonium Hypoiodite/Oxone Catalysis for Enantioselective Oxidative Dearomatization of Arenols. <i>ACS Catalysis</i> , 2019, 9, 11619-11626.	5.5	50
555	Asymmetric Dearomatization of Indole Derivatives with <i>N</i> -Hydroxycarbamates Enabled by Photoredox Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 18237-18242.	1.6	60
556	Redox-Neutral Metal-Free Three-Component Carbonylative Dearomatization of Pyridine Derivatives with CO <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2019, 25, 15272-15276.	1.7	9
557	Asymmetric Dearomatization of Indole Derivatives with <i>N</i> -Hydroxycarbamates Enabled by Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18069-18074.	7.2	95
558	Synthetic and Mechanistic Studies into the Rearrangement of Spirocyclic Indolenines into Quinolines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5563-5571.	1.2	13
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560	Pd-Catalyzed Dearomative Three-Component Reaction of Bromoarenes with Diazo Compounds and Allylborates. <i>ACS Catalysis</i> , 2019, 9, 8991-8995.	5.5	34
561	Copper-Catalyzed Phosphonylation/Trifluoromethylation of <i>N</i> - <i>p</i> -NO <sub>2</sub> -Benzoylacrylamides Coupled with Dearomatization and Denitration. <i>Organic Letters</i> , 2019, 21, 7674-7678.	2.4	19
562	Mechanism and Origins of Enantioselectivities in Spirobiindane-Based Hypervalent Iodine(III)-Induced Asymmetric Dearomatizing Spirolactonizations. <i>Journal of the American Chemical Society</i> , 2019, 141, 16046-16056.	6.6	52
563	Redox-Neutral Cascade Dearomatization of Indoles via Hydride Transfer: Divergent Synthesis of Tetrahydroquinoline-Fused Spiroindolenines. <i>Journal of Organic Chemistry</i> , 2019, 84, 13935-13947.	1.7	26
564	1,6-Conjugate-Addition-Induced [2 + 1] Annulation of <i>para</i> -Quinone Methides and Pyrazolones: Synthesis of Bis-Spiro Compounds with Contiguous Quaternary Spiro-Centers. <i>Organic Letters</i> , 2019, 21, 7736-7740.	2.4	30

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567	Enantioselective [1,3] O-to-C rearrangement: dearomatization of alkyl 2-allyloxy/benzyloxy-1/3-naphthoates catalyzed by a chiral $\lambda^5$ -Cu(ii) complex. <i>Chemical Science</i> , 2019, 10, 2259-2263.	3.7	27
568	SmI <sub>2</sub> -catalysed cyclization cascades by radical relay. <i>Nature Catalysis</i> , 2019, 2, 211-218.	16.1	61
569	Palladium(0)-Catalyzed Intermolecular Asymmetric Cascade Dearomatization Reaction of Indoles with Propargyl Carbonate. <i>Chemistry - A European Journal</i> , 2019, 25, 4330-4334.	1.7	27
570	Highly Chemo-, Regio- and <i>E/Z</i> -Selective Intermolecular Heck-Type Dearomative [2 + 2 + 1] Spiroannulation of Alkyl Bromoarenes with Internal Alkynes. <i>Organic Letters</i> , 2019, 21, 1152-1155.	2.4	22
571	Catalytic Enantioselective Construction of Spiro Quaternary Carbon Stereocenters. <i>ACS Catalysis</i> , 2019, 9, 1820-1882.	5.5	227
572	Electrochemical Dearomative 2,3-Difunctionalization of Indoles. <i>Journal of the American Chemical Society</i> , 2019, 141, 2832-2837.	6.6	137
573	Pd-catalyzed dearomative arylborylation of indoles. <i>Chemical Science</i> , 2019, 10, 3118-3122.	3.7	96
574	Ammonium Hypoiodite-catalyzed Oxidative Dearomatizative Azidation of Arenols. <i>Chemistry Letters</i> , 2019, 48, 353-356.	0.7	7
575	Prediction on the origin of selectivities of NHC-catalyzed asymmetric dearomatization (CADA) reactions. <i>Catalysis Science and Technology</i> , 2019, 9, 465-476.	2.1	50
576	Multicatalytic dearomatization of phenols into epoxyquinols <i>via</i> a photooxygenation process. <i>Chemical Communications</i> , 2019, 55, 7398-7401.	2.2	16
577	Construction of Vicinal Quaternary Carbons via Cu-catalyzed Dearomative Radical Addition. <i>Chemistry Letters</i> , 2019, 48, 718-721.	0.7	2
578	Phosphine-catalyzed dearomative [3+2] annulation of 3-nitroindoles and allenates. <i>Tetrahedron Letters</i> , 2019, 60, 1885-1890.	0.7	12
579	Facile construction of diverse polyheterocyclic scaffolds <i>via</i> gold-catalysed dearomative spirocyclization/1,6-addition cascade. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6284-6292.	1.5	25
580	A Pd-catalyzed domino Larock annulation/dearomative Heck reaction. <i>Chemical Communications</i> , 2019, 55, 7711-7714.	2.2	31
581	Nucleophile Screening in Anion-Binding Reissert-Type Reactions of Quinolines with Chiral Tetrakis(triazole) Catalysts. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5452-5461.	1.2	20
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585	Phosphine-catalyzed dearomative (3 + 2) annulation of 2-nitrobenzofurans and nitrobenzothiophenes with allenates. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5294-5304.	1.5	26
586	Palladium-Catalyzed Dearomative <i>syn</i> -1,4-Carboamination with Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10245-10249.	7.2	33
587	Ruthenium(VIII)-Catalyzed <i>ipso</i> -Dearomative Spiro-Etherification and Spiro-Amidation of Phenols. <i>Organic Letters</i> , 2019, 21, 4132-4136.	2.4	14
588	Regio- and Enantioselective Iridium-Catalyzed <i>N</i> -Allylation of Indoles and Related Azoles with Racemic Branched Alkyl-Substituted Allylic Acetates. <i>Angewandte Chemie</i> , 2019, 131, 7844-7848.	1.6	11
589	Tandem Pd-Catalyzed Intermolecular Allylic Alkylation/Allylic Dearomatization Reaction of Benzoylmethyl pyridines, Pyrazines, and Quinolines. <i>Organic Letters</i> , 2019, 21, 3314-3318.	2.4	25
590	Phosphine-Catalyzed Stereoselective Dearomatization of 3-NO <sub>2</sub> -Indoles with Allenates. <i>Journal of Organic Chemistry</i> , 2019, 84, 6347-6355.	1.7	32
591	Stereoselective Cascade Cyclizations with Samarium Diiodide to Tetracyclic Indolines: Precursors of Fluorostrychnines and Brucine. <i>Chemistry - A European Journal</i> , 2019, 25, 8780-8789.	1.7	4
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593	A Synthetic Route to Chiral Benzo-Fused N-Heterocycles via Sequential Intramolecular Hydroamination and Asymmetric Hydrogenation of Anilino-Alkynes. <i>Organometallics</i> , 2019, 38, 3979-3990.	1.1	24
594	Phosphine-catalyzed regiospecific (3 + 2) cyclization of 3-nitroindoles with allene esters. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3894-3901.	1.5	23
595	Enantioselective Synthesis of Cyclohexadienone Containing Spiroketal via DyKat Ketalization/oxa-Michael Addition Cascade. <i>Journal of Organic Chemistry</i> , 2019, 84, 5357-5368.	1.7	15
596	Preparation of Indolenines via Nucleophilic Aromatic Substitution. <i>Organic Letters</i> , 2019, 21, 2560-2564.	2.4	11
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598	Catalytic asymmetric dearomatization (CADA) reaction-enabled total synthesis of indole-based natural products. <i>Natural Product Reports</i> , 2019, 36, 1589-1605.	5.2	255
599	Pd-Catalyzed Dearomatization of Anthranils with Vinylcyclopropanes by [4+3] Cyclization Reaction. <i>Angewandte Chemie</i> , 2019, 131, 5795-5799.	1.6	22
600	Palladium-catalyzed dearomative arylphosphorylation of indoles. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1577-1580.	2.3	42

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602	Organocatalyzed Asymmetric Dearomative Aza-Michael/Michael Addition Cascade of 2-Nitrobenzofurans and 2-Nitrobenzothiophenes with 2-Aminochalcones. <i>Journal of Organic Chemistry</i> , 2019, 84, 4381-4391.	1.7	52
603	Operando XAFS Studies on Rh(CAAC)-Catalyzed Arene Hydrogenation. <i>ACS Catalysis</i> , 2019, 9, 4106-4114.	5.5	46
604	Access to Polycyclic Sulfonyl Indolines via Fe(II)-Catalyzed or UV-Driven Formal [2 + 2 + 1] Cyclization Reactions of N-((1H-indol-3-yl)methyl)propiolamides with NaHSO <sub>3</sub> . <i>Organic Letters</i> , 2019, 21, 2602-2605.	2.4	27
605	Regio- and Enantioselective Iridium-Catalyzed N-Allylation of Indoles and Related Azoles with Racemic Branched Alkyl-Substituted Allylic Acetates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7762-7766.	7.2	49
606	Diastereo- and enantioselective palladium-catalyzed dearomative [4+2] cycloaddition of 3-nitroindoles. <i>Chinese Chemical Letters</i> , 2019, 30, 1512-1514.	4.8	51
607	Methyl-triflate-mediated dearylmethylation of N-(arylmethyl)carboxamides via the retro-Mannich reaction induced by electrophilic dearomatization/rearomatization in an aqueous medium at room temperature. <i>Green Chemistry</i> , 2019, 21, 2252-2256.	4.6	4
608	Selectivity Switch in a Rhodium(II) Carbene Triggered Cyclopentannulation: Divergent Access to Three Polycyclic Indolines. <i>Angewandte Chemie</i> , 2019, 131, 4389-4393.	1.6	5
609	Dearomative (3+2) cycloaddition of 2-substituted 3,5-dinitropyridines and N-methyl azomethine ylide. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 72-77.	0.6	9
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612	Pd-Catalyzed Dearomatization of Anthranils with Vinylcyclopropanes by [4+3] Cyclization Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5739-5743.	7.2	83
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616	Selectivity Switch in a Rhodium(II) Carbene Triggered Cyclopentannulation: Divergent Access to Three Polycyclic Indolines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4345-4349.	7.2	24
617	Phosphine-Catalyzed Enantioselective Dearomative [3+2]-Cycloaddition of 3-Nitroindoles and 2-Nitrobenzofurans. <i>Angewandte Chemie</i> , 2019, 131, 5476-5480.	1.6	29
618	Phosphine-catalysed asymmetric dearomative formal [4+2] cycloadditions of 3-benzofuranyl vinyl ketones. <i>Chemical Communications</i> , 2019, 55, 3097-3100.	2.2	22

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619	Palladium-Catalyzed Dearomative <i>syn</i> -1,4-Oxyamination. <i>Angewandte Chemie</i> , 2019, 131, 15909-15913.	1.3	1
620	Chiral Hypervalent Iodines: Active Players in Asymmetric Synthesis. <i>Chemical Reviews</i> , 2019, 119, 12033-12088.	23.0	139
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624	Organocatalyzed Intermolecular Asymmetric Allylic Dearomatization of Both 1- and 2-Naphthols. <i>Organic Letters</i> , 2019, 21, 330-334.	2.4	49
625	Palladium-Catalyzed Dearomative <i>syn</i> -1,4-Diamination. <i>Journal of the American Chemical Society</i> , 2019, 141, 163-167.	6.6	51
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627	Regio- and Enantioselective Iridium-Catalyzed Amination of Racemic Branched Alkyl-Substituted Allylic Acetates with Primary and Secondary Aromatic and Heteroaromatic Amines. <i>Journal of the American Chemical Society</i> , 2019, 141, 671-676.	6.6	46
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629	Organocatalytic Asymmetric One-Step Desymmetrizing Dearomatization Reaction of Indoles: Development and Bioactivity Evaluation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 216-220.	7.2	56
630	Helical Multi-Coordination Anion-Binding Catalysts for the Highly Enantioselective Dearomatization of Perylene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3217-3221.	7.2	42
631	Organocatalytic Asymmetric One-Step Desymmetrizing Dearomatization Reaction of Indoles: Development and Bioactivity Evaluation. <i>Angewandte Chemie</i> , 2019, 131, 222-226.	1.6	21
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633	Access to N-Substituted 2-Pyridones by Catalytic Intermolecular Dearomatization and 1,4-Acyl Transfer. <i>Angewandte Chemie</i> , 2019, 131, 2002-2006.	1.6	12
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638	From Benzofurans to Indoles: Palladium-Catalyzed Reductive Ring-Opening and Closure via $\text{I}^2$ -Phenoxide Elimination. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 151-159.	2.1	8
639	Palladium-Catalyzed Intermolecular [4+1] Spiroannulation by $\text{C}(\text{sp}^3)\text{H}$ Activation and Naphthol Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1474-1478.	7.2	78
640	Helikale Multi-Koordinations-Anionenbindungskatalysatoren ermöglichen hoch enantioselektive Dearomatisierung von Pyrliumderivaten. <i>Angewandte Chemie</i> , 2019, 131, 3250-3255.	1.6	23
641	Merging $\text{I}^2$ -Acid and Pd Catalysis: Dearomatizing Spirocyclization/Cross-Coupling Cascade Reactions of Alkyne-Tethered Aromatics. <i>ACS Catalysis</i> , 2019, 9, 504-510.	5.5	52
642	Phenol-Directed $\text{C-H}$ Functionalization. <i>ACS Catalysis</i> , 2019, 9, 521-555.	5.5	167
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645	Enantioselective formation of quaternary carbon stereocenters in natural product synthesis: a recent update. <i>Natural Product Reports</i> , 2020, 37, 276-292.	5.2	126
646	Enantioselective Dearomatization of Indoles by an Azoalkene-Enabled (3+2) Reaction: Access to Pyrroloindolines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 648-652.	7.2	64
647	Palladium-Catalyzed [2+2+1] Spiroannulation via Alkyne-Directed Remote $\text{C-H}$ Arylation and Subsequent Arene Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 653-657.	7.2	60
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650	Palladium-Catalyzed [2+2+1] Spiroannulation via Alkyne-Directed Remote $\text{C-H}$ Arylation and Subsequent Arene Dearomatization. <i>Angewandte Chemie</i> , 2020, 132, 663-667.	1.6	14
651	Enantioselective Synthesis of Dihydropyridines Containing Quaternary Stereocenters Through Dearomatization of Pyridinium Salts. <i>ACS Catalysis</i> , 2020, 10, 51-55.	5.5	37
652	Metal Free Sulfonylative Spirocyclization of Alkenyl and Alkynyl Amides <i>via</i> Insertion of Sulfur Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 224-229.	2.1	63
653	Tandem Cross-Coupling/Spirocyclization/Mannich-Type Reactions of $3$ -(2-isocyanoethyl)indoles with Diazo Compounds toward Polycyclic Spiroindolines. <i>Angewandte Chemie</i> , 2020, 132, 624-631.	1.6	13
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657	Chiral phosphoric acid-catalyzed asymmetric dearomatization reactions. <i>Chemical Society Reviews</i> , 2020, 49, 286-300.	18.7	247
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660	Pd-Catalyzed Dearomatization of Indole Derivatives via Intermolecular Heck Reactions. <i>Chinese Journal of Chemistry</i> , 2020, 38, 235-241.	2.6	32
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662	Enantioselective Synthesis of Fused Polycyclic Tropanes via Dearomative [3 + 2] Cycloaddition Reactions of 2-Nitrobenzofurans. <i>Organic Letters</i> , 2020, 22, 164-167.	2.4	52
663	Chemoselective Oxidative Spiroetherification and Spiroamination of Arenols Using $\text{I}^{\text{Oxone}}$ Catalysis. <i>Organic Letters</i> , 2020, 22, 560-564.	2.4	17
664	Tandem Cross-Coupling/Spirocyclization/Mannich-Type Reactions of 3-(2-Isocyanoethyl)indoles with Diazo Compounds toward Polycyclic Spiroindolines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 614-621.	7.2	78
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670	Hypervalent Iodine-Mediated Carbon-Carbon Bond Cleavage and Dearomatization of 9-H-Fluorenes. <i>Angewandte Chemie</i> , 2020, 132, 3117-3122.	1.6	4
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674	Sequential and direct multicomponent reaction (MCR)-based dearomatization strategies. <i>Chemical Society Reviews</i> , 2020, 49, 8721-8748.	18.7	101
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676	Progresses in organocatalytic asymmetric dearomatization reactions of indole derivatives. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3967-3998.	2.3	175
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678	Enantioselective dearomative [3+2] annulation of 5-amino-isoxazoles with quinone monoimines. <i>Chemical Communications</i> , 2020, 56, 13591-13594.	2.2	21
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694	DFT Studies on Copper-Catalyzed Dearomatization of Pyridine. <i>ACS Catalysis</i> , 2020, 10, 9585-9593.	5.5	12
695	Asymmetric acyl-Mannich reaction of isoquinolines with $\hat{\text{I}}^{\pm}$ -(diazomethyl)phosphonate and diazoacetate catalyzed by chiral Brønsted acids. <i>Chemical Communications</i> , 2020, 56, 11235-11238.	2.2	11
696	Synthesis of Tetrahydroindolino[8,7- <i>b</i> ]indole Derivatives in the Presence of $\text{Fe}(\text{OTf})_3$ or $\text{CF}_3\text{SO}_3\text{H}$ through Intramolecular Dearomatization of Indole. <i>Journal of Organic Chemistry</i> , 2020, 85, 15382-15395.	1.7	16
697	Dearomative 1,4-difunctionalization of naphthalenes via palladium-catalyzed tandem Heck/Suzuki coupling reaction. <i>Nature Communications</i> , 2020, 11, 4380.	5.8	45
698	Asymmetric Dearomatization of Indole by Palladium/PCaPhos-Catalyzed Dynamic Kinetic Transformation. <i>Angewandte Chemie</i> , 2020, 132, 22175-22180.	1.6	15
699	Visible light-mediated <i>ipso</i> -annulation of activated alkynes: access to 3-alkylated spiro[4,5]-trienones, thiaspiro[4,5]-trienones and azaspiro[4,5]-trienones. <i>Chemical Communications</i> , 2020, 56, 13165-13168.	2.2	25
700	Lewis Acid Promoted Dearomatization of Naphthols. <i>Chemistry - A European Journal</i> , 2020, 26, 15843-15846.	1.7	9
701	Asymmetric Dearomative Cascade Multiple Functionalizations of Activated <i>N</i> -Alkylpyridinium and <i>N</i> -Alkylquinolinium Salts. <i>Organic Letters</i> , 2020, 22, 7617-7621.	2.4	22
702	Asymmetric Dearomatization of Indole by Palladium/PCaPhos-Catalyzed Dynamic Kinetic Transformation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21991-21996.	7.2	54
703	Microwave-Assisted Copper Catalysis of $\hat{\text{I}}^{\pm}$ -Difluorinated <i>gem</i> -Diol toward Difluoroalkyl Radical for Hydrodifluoroalkylation of <i>para</i> -Quinone Methides. <i>Journal of Organic Chemistry</i> , 2020, 85, 12785-12796.	1.7	7
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712	Enantioselective Desymmetrization of Bisphenol Derivatives via Ir-Catalyzed Allylic Dearomatization. <i>Journal of the American Chemical Society</i> , 2020, 142, 19354-19359.	6.6	35
713	Construction of $\alpha$ -Alkenyl- $\beta$ -Functionalized Spirocarbocyclic Scaffolds from $\alpha$ -Alkyne-Containing Phenol-Based Biaryls via Sequential Iodine-Induced Cyclization/Dearomatization and Pd-Catalyzed Coupling of $N$ -Tosylhydrazones. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1257-1262.	2.6	11
714	Arene dearomatization through a catalytic N-centered radical cascade reaction. <i>Nature Communications</i> , 2020, 11, 2528.	5.8	61
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717	Hydroarylation of Arenes via Reductive Radical-Polar Crossover. <i>Journal of the American Chemical Society</i> , 2020, 142, 9163-9168.	6.6	79
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721	Synthesis of Spirocyclic Pyrrolines from Nitrones and Arynes through a Dearomative [3,3 $\sigma$ ] Sigmatropic Rearrangement. <i>Angewandte Chemie</i> , 2020, 132, 15356-15360.	1.6	5
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724	Enantioselective Construction of Spiro Quaternary Carbon Stereocenters via Pd-Catalyzed Intramolecular $\beta$ -Arylation. <i>Organic Letters</i> , 2020, 22, 4602-4607.	2.4	24
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726	Pd-Catalyzed Dearomative Asymmetric Allylic Alkylation of Naphthols with Alkoxyallenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 7896-7904.	1.7	17
727	Recent developments in 1,6-addition reactions of <i>para</i> -quinone methides ( <i>p</i> -QMs). <i>Organic Chemistry Frontiers</i> , 2020, 7, 1743-1778.	2.3	195
728	Palladium-Catalyzed Intermolecular Heck-Type Dearomative [4 + 2] Annulation of 2-H-Isoindole Derivatives with Internal Alkynes. <i>Organic Letters</i> , 2020, 22, 5063-5067.	2.4	18

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730	Palladium-catalyzed dearomative 1,4-difunctionalization of naphthalenes. <i>Chemical Science</i> , 2020, 11, 6830-6835.	3.7	27
731	Palladium-Catalyzed Decarboxylative Formal (4+2) Cycloaddition of Vinyl Benzoxazinones with 3-Nitroindoles. <i>Synlett</i> , 2020, 31, 916-924.	1.0	10
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734	Time-dependent enantiodivergent synthesis via sequential kinetic resolution. <i>Nature Chemistry</i> , 2020, 12, 838-844.	6.6	67
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736	Intermolecular Dearomatization of Naphthalene Derivatives by Photoredox-Catalyzed 1,2-Hydroalkylation. <i>Angewandte Chemie</i> , 2020, 132, 18218-18223.	1.6	3
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742	Recent Advances in the Catalytic Dearomatization of Naphthols. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4087-4097.	1.2	62
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745	Construction of Various Bridged Polycyclic Skeletons by Palladium-Catalyzed Dearomatization. <i>Angewandte Chemie</i> , 2020, 132, 8220-8224.	1.6	7
746	Asymmetric Synthesis of a Fused Tricyclic Hydronaphthofuran Scaffold by Desymmetric [2+2+2] Cycloaddition. <i>Angewandte Chemie</i> , 2020, 132, 2240-2244.	1.6	9

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748	Enantioselective [4+2] Annulation to the Concise Synthesis of Chiral Dihydrocarbazoles. <i>IScience</i> , 2020, 23, 100840.	1.9	16
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750	Construction of Various Bridged Polycyclic Skeletons by Palladium-Catalyzed Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8143-8147.	7.2	43
751	Modular Synthesis of Polycyclic Alkaloid Scaffolds via an Enantioselective Dearomative Cascade. <i>Organic Letters</i> , 2020, 22, 1175-1181.	2.4	38
752	Synthesis of Furo[3,2- <i>b</i> ]quinolines and Furo[2,3- <i>b</i> :4,5- <i>b'</i> ]diquinolines through [4 + 2] Cycloaddition of Aza- <i>o</i> -Quinone Methides and Furans. <i>Journal of Organic Chemistry</i> , 2020, 85, 3059-3070.	1.7	20
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754	Stereoselective synthesis of para-quinone monoketals through tri-bromide (TBr) mediated oxidative dearomatization of phenols. <i>Tetrahedron Letters</i> , 2020, 61, 151646.	0.7	4
755	Enantioselective Synthesis of Spiroindolines via Cascade Isomerization/Spirocyclization/Dearomatization Reaction. <i>Organic Letters</i> , 2020, 22, 1589-1593.	2.4	18
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759	Dewar Heterocycles as Versatile Monomers for Ring-Opening Metathesis Polymerization. <i>ACS Macro Letters</i> , 2020, 9, 731-735.	2.3	3
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761	Transition-Metal-Free Catalyzed Dearomatizative Esterification of Indole. <i>ChemistrySelect</i> , 2020, 5, 4200-4204.	0.7	4
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766	Cyclative MCRs of Azines and Azinium Salts. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 326-356.	1.2	10
767	Photoinduced Dearomatizing Three-Component Coupling of Arylphosphines, Alkenes, and Water. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3551-3555.	7.2	25
768	Visible-light induced divergent dearomatization of indole derivatives: controlled access to cyclobutane-fused polycycles and 2-substituted indolines. <i>Organic Chemistry Frontiers</i> , 2021, 8, 319-325.	2.3	27
769	Silica gel-promoted synthesis of multisubstituted spiroindolenines from tryptamines and $\beta$ -chloro- $\alpha,\beta$ -unsaturated ketones. <i>Tetrahedron</i> , 2021, 77, 131765.	1.0	3
770	Electrochemical Oxidative Halogenation of <i>N</i> -Aryl Alkynamides for the Synthesis of Spiro[4.5]trienones. <i>Journal of Organic Chemistry</i> , 2021, 86, 917-928.	1.7	46
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772	Photoinduced Dearomatizing Three-Component Coupling of Arylphosphines, Alkenes, and Water. <i>Angewandte Chemie</i> , 2021, 133, 3593-3597.	1.6	1
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774	Pd-Catalyzed Asymmetric Dearomatization of Indoles via Decarbonylative Heck-Type Reaction of Thioesters. <i>Organic Letters</i> , 2021, 23, 172-177.	2.4	28
775	A chemo- and regioselective Pd(0)-catalyzed three-component spiroannulation. <i>Chemical Communications</i> , 2021, 57, 1117-1120.	2.2	11
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777	Assembly of functionalized $\epsilon$ -extended indolizine polycycles through dearomative [3+2] cycloaddition/oxidative decarbonylation. <i>Chemical Communications</i> , 2021, 57, 359-362.	2.2	28
778	Recent Advances of Catalytic Enantioselective Heck Reactions and Reductive Heck Reactions. <i>Chinese Journal of Chemistry</i> , 2021, 39, 710-728.	2.6	68
779	Diastereoselective construction of cage-like and bridged azaheterocycles through dearomative maximization of the reactive sites of azaarenes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 204-211.	2.3	30
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790	Conjugated ynones in catalytic enantioselective reactions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2110-2145.	1.5	19
791	Iridium-catalyzed <i>Z</i> -retentive asymmetric allylic substitution reactions. <i>Science</i> , 2021, 371, 380-386.	6.0	125
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794	Enantioselective Au( <i>scp</i> )-catalyzed dearomatization of 1-naphthols with allenamides through Tethered Counterion-Directed Catalysis. <i>Chemical Communications</i> , 2021, 57, 10779-10782.	2.2	11
795	Copper-Catalyzed Intramolecular Dearomative Arylation of Naphthylamines. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4007.	0.6	1
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797	Dielectrophilic Allenic Ketone-Enabled [4 + 2] Annulation with 3,3 <sup>â</sup> -Bisoxindoles: Enantioselective Creation of Two Contiguous Quaternary Stereogenic Centers. <i>ACS Catalysis</i> , 2021, 11, 1361-1367.	5.5	20
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799	Generation of azolium dienolates as versatile nucleophilic synthons <i>via</i> <i>N</i> -heterocyclic carbene catalysis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6138-6166.	2.3	52
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820	Synthesis of Tetracyclic Indolines through Palladium-Catalyzed Asymmetric Dearomative reaction of Aryl Iodides. <i>ChemistrySelect</i> , 2021, 6, 4719-4724.	0.7	11
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830	Silver-Catalyzed Asymmetric Dearomatization of Electron-Deficient Heteroarenes via Interrupted Barton-Zard Reaction. <i>Angewandte Chemie</i> , 2021, 133, 19882-19886.	1.6	26
831	Silver-Catalyzed Asymmetric Dearomatization of Electron-Deficient Heteroarenes via Interrupted Barton-Zard Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19730-19734.	7.2	33
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856	Asymmetric Intramolecular Dearomatization of Nonactivated Arenes with Ynamides for Rapid Assembly of Fused Ring System under Silver Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 604-611.	6.6	58
857	Activation of allylic esters in an intramolecular vinylogous kinetic resolution reaction with synergistic magnesium catalysts. <i>Nature Communications</i> , 2020, 11, 2559.	5.8	18
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898	Dearomative Cyclopropanation of Naphthols via Cyclopropene Ring-Opening. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
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923	Manganese-Catalyzed Asymmetric Hydrogenation of 3H-indoles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	38
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925	An Isolable Vinylidene ortho-Quinone Methide: Synthesis, Structure and Reactivity. <i>Angewandte Chemie</i> , 0, , .	1.6	5
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964	Base-Catalysed (4+2)-Annulation Between 2-Nitrobenzofurans and <i>N</i> -Alkoxyacrylamides: Synthesis of [3,2- <i>b</i> ]Benzofuopyridinones. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	6
965	Palladium-Catalyzed Intermolecular Asymmetric Dearomative Annulation of Phenols with Vinyl Cyclopropanes. <i>Organic Letters</i> , 2022, 24, 4865-4870.	2.4	9
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974	Advances in Catalytic Asymmetric Reactions Using 2-Indolylmethanols as Platform Molecules. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 3351.	0.6	38
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977	Metal free, one pot 1,6-Conjugate Addition of Diol on <i>para</i> -Quinone Methide followed by <i>ipso</i> cyclization: An Approach to Spiro 1,4-Dioxane cyclohexadienone Derivatives. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	6
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980	[3,3]-Sigmatropic Rearrangements of Naphthyl <i>1</i> -Propargyl Ethers: <i>para</i> -Propargylation and Catalytic Asymmetric Dearomatization. <i>Angewandte Chemie - International Edition</i> , 0, , .	7.2	12
981	[3,3]-Sigmatropic Rearrangements of Naphthyl <i>1</i> -Propargyl Ethers: <i>para</i> -Propargylation and Catalytic Asymmetric Dearomatization. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
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986	Oxidation: Asymmetric Oxidative Dearomatization. , 2022, , .		0
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990	Dearomatizing [2+2+1] Spiroannulation of Indoles with Alkynes. <i>Organic Letters</i> , 2023, 25, 261-266.	2.4	2
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1000	Synthesis of Spiro[indole-3, $\beta$ -pyrrolidine]-2-(thi)ones. <i>Journal of Organic Chemistry</i> , 2023, 88, 1093-1106.	1.7	5
1001	Diastereoselective synthesis of polycyclic indolines <i>via</i> dearomative [4 + 2] cycloaddition of 3-nitroindoles with <i>ortho</i> -aminophenyl <i>p</i> -quinone methides. <i>Organic and Biomolecular Chemistry</i> , 2023, 21, 1373-1378.	1.5	3
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1005	Site-selective and stereoselective transformations on <i>p</i> -quinols & <i>p</i> -quinamines. <i>Chemical Communications</i> , 2023, 59, 3795-3811.	2.2	4
1006	Copper-Catalyzed Asymmetric Dearomative [3+2] Cycloaddition of Nitroheteroarenes with Azomethines. <i>Molecules</i> , 2023, 28, 2765.	1.7	1
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1009	Cu( <i>scp</i> )-catalyzed domino construction of spironaphthalenones by dearomatization of $\hat{1}^2$ -naphthols and using <i>N,N</i> -dimethylaminoethanol as a C1 synthon. <i>Organic and Biomolecular Chemistry</i> , 2023, 21, 3101-3104.	1.5	19
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1013	Regiodivergent catalytic asymmetric dearomative cycloaddition of bicyclic heteroaromatics. <i>Science Advances</i> , 2023, 9, .	4.7	5
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1018	Iodine(III)-Mediated C-C Bond Coupling to Construct Spirocyclic Indolenines of Various Ring Sizes. <i>Organic Letters</i> , 2023, 25, 3533-3538.	2.4	2
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