

Guangbin Dong

List of Publications by Year in descending order

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193
papers

14,082
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20036

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8326
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#	ARTICLE	IF	CITATIONS
1	Catalytic Activation of Unstrained C(Aryl)-C(Alkyl) Bonds in 2,2-Methylenediphenols. <i>Journal of the American Chemical Society</i> , 2022, 144, 3242-3249.	6.6	10
2	Intramolecular One-Carbon Homologation of Unstrained Ketones via C-C Activation-Enabled 1,1-Insertion of Alkenes. <i>Organic Letters</i> , 2022, 24, 2436-2440.	2.4	8
3	Rapid Access to Multisubstituted Acrylamides from Cyclic Ketones via Palladium/Norbornene Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	3
4	Rapid Access to Multisubstituted Acrylamides from Cyclic Ketones via Palladium/Norbornene Cooperative Catalysis. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
5	Rhodium-Catalyzed (4+1) Cycloaddition between Benzocyclobutenones and Styrene-Type Alkenes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	15
6	Programmable Ether Synthesis Enabled by Oxa-Matteson Reaction. <i>Journal of the American Chemical Society</i> , 2022, 144, 8498-8503.	6.6	14
7	Catalytic Enantioselective Synthesis of β^3 -Lactams with β^2 -Quaternary Centers via Merging of C-C Activation and Sulfonyl Radical Migration. <i>Journal of the American Chemical Society</i> , 2022, 144, 9222-9228.	6.6	16
8	Site-Specific and Degree-Controlled Alkyl Deuteration via Cu-Catalyzed Redox-Neutral Deacylation. <i>Journal of the American Chemical Society</i> , 2022, 144, 9570-9575.	6.6	34
9	Multicomponent Polymerization for β -Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000646.	2.0	8
10	Platinum-Catalyzed β^1, β^2 -Desaturation of Cyclic Ketones through Direct Metal-Enolate Formation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7956-7961.	7.2	15
11	Platinum-Catalyzed β^1, β^2 -Desaturation of Cyclic Ketones through Direct Metal-Enolate Formation. <i>Angewandte Chemie</i> , 2021, 133, 8035-8040.	1.6	4
12	Transfer hydroarylation of ketones using directing-group-free, unstrained alcohols. <i>CheM</i> , 2021, 7, 841-842.	5.8	1
13	Editorial: The Catalysis of Ring Synthesis. <i>ChemCatChem</i> , 2021, 13, 2962-2964.	1.8	0
14	Boron insertion into alkyl ether bonds via zinc/nickel tandem catalysis. <i>Science</i> , 2021, 372, 175-182.	6.0	72
15	Synthesis of C3,C4-Disubstituted Indoles via the Palladium/Norbornene-Catalyzed <i>ortho</i> -Amination/ <i>ipso</i> -Heck Cyclization. <i>Organic Letters</i> , 2021, 23, 3755-3760.	2.4	16
16	Deconstructive Asymmetric Total Synthesis of Morphine-Family Alkaloid (β) β -Thebainone...A. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13057-13064.	7.2	24
17	Deconstructive Asymmetric Total Synthesis of Morphine-Family Alkaloid (β) β -Thebainone...A. <i>Angewandte Chemie</i> , 2021, 133, 13167-13174.	1.6	1
18	Total Synthesis of Penicibilaenes via C-C Activation-Enabled Skeleton Deconstruction and Desaturation Relay-Mediated C-H Functionalization. <i>Journal of the American Chemical Society</i> , 2021, 143, 8272-8277.	6.6	21

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19	Synthesis of indoles, indolines, and carbazoles via palladium-catalyzed C-H activation. <i>Green Synthesis and Catalysis</i> , 2021, 2, 216-227.	3.7	77
20	Modular Entry to Functionalized Tetrahydrobenzo[<i>b</i>]azepines via the Palladium/Norbornene Cooperative Catalysis Enabled by a C7-Modified Norbornene. <i>Journal of the American Chemical Society</i> , 2021, 143, 9991-10004.	6.6	39
21	Palladium/norbornene-catalyzed distal alkenyl C-H arylation and alkylation of cis-olefins. <i>Tetrahedron</i> , 2021, 90, 132173.	1.0	5
22	Intermolecular [5+2] Annulation between α -Indanones and Internal Alkynes by Rhodium-Catalyzed C-C Activation. <i>Angewandte Chemie</i> , 2021, 133, 20639-20645.	1.6	4
23	Intermolecular [5+2] Annulation between α -Indanones and Internal Alkynes by Rhodium-Catalyzed C-C Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20476-20482.	7.2	25
24	Deacylation-aided C-H alkylative annulation through C-C cleavage of unstrained ketones. <i>Nature Catalysis</i> , 2021, 4, 703-710.	16.1	35
25	Development and Mechanistic Studies of the Iridium-Catalyzed C-H Alkenylation of Enamides with Vinyl Acetates: A Versatile Approach for Ketone Functionalization. <i>Angewandte Chemie</i> , 2021, 133, 21094-21102.	1.6	2
26	Development and Mechanistic Studies of the Iridium-Catalyzed C-H Alkenylation of Enamides with Vinyl Acetates: A Versatile Approach for Ketone Functionalization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20926-20934.	7.2	12
27	Orthogonal cross-coupling through intermolecular metathesis of unstrained C(aryl)-C(aryl) single bonds. <i>Nature Chemistry</i> , 2021, 13, 836-842.	6.6	15
28	Redox-Neutral Vicinal Difunctionalization of Five-Membered Heteroarenes with Dual Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26184-26191.	7.2	17
29	Aza-Matteson Reactions via Controlled Mono- and Double-Methylene Insertions into Nitrogen-Boron Bonds. <i>Journal of the American Chemical Society</i> , 2021, 143, 14422-14427.	6.6	33
30	Carbonyl 1,2-transposition through triflate-mediated α -amination. <i>Science</i> , 2021, 374, 734-740.	6.0	25
31	Bidirectional Total Synthesis of Phainanoid A via Strategic Use of Ketones. <i>Journal of the American Chemical Society</i> , 2021, 143, 19311-19316.	6.6	15
32	Olefination via Cu-Mediated Dehydroacylation of Unstrained Ketones. <i>Journal of the American Chemical Society</i> , 2021, 143, 20042-20048.	6.6	28
33	Deconstructive Functionalization of Ketones via an LMCT-Promoted C-C Cleavage. <i>Chem</i> , 2020, 6, 10-11.	5.8	2
34	Liquid-phase bottom-up synthesis of graphene nanoribbons. <i>Materials Chemistry Frontiers</i> , 2020, 4, 29-45.	3.2	47
35	Compatibility Score for Rational Electrophile Selection in Pd/NBE Cooperative Catalysis. <i>Chem</i> , 2020, 6, 2810-2825.	5.8	22
36	Structurally Modified Norbornenes: A Key Factor to Modulate Reaction Selectivity in the Palladium/Norbornene Cooperative Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 17859-17875.	6.6	69

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37	FMPHos: Expanding the Catalytic Capacity of Small-Bite-Angle Bisphosphine Ligands in Regioselective Alkene Hydrofunctionalizations. <i>ACS Catalysis</i> , 2020, 10, 14349-14358.	5.5	25
38	Temporary or removable directing groups enable activation of unstrained C=C bonds. <i>Nature Reviews Chemistry</i> , 2020, 4, 600-614.	13.8	125
39	Catalytic α^2 -Functionalization of Carbonyl Compounds Enabled by α,α^2 -Desaturation. <i>ACS Catalysis</i> , 2020, 10, 6058-6070.	5.5	47
40	Catalytic Dehydrogenative Cyclization of <i>o</i> -Aryls under pH-Neutral and Oxidant-Free Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15249-15253.	7.2	26
41	Catalytic Dehydrogenative Cyclization of <i>o</i> -Aryls under pH-Neutral and Oxidant-Free Conditions. <i>Angewandte Chemie</i> , 2020, 132, 15361-15365.	1.6	6
42	Asymmetric Synthesis of 1-Tetralones Bearing a Remote Quaternary Stereocenter through Rh-Catalyzed C=C Activation of Cyclopentanones. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1213-1217.	2.0	8
43	Water-Accelerated Nickel-Catalyzed α -Crotylation of Simple Ketones with 1,3-Butadiene under pH and Redox-Neutral Conditions. <i>ACS Catalysis</i> , 2020, 10, 4238-4243.	5.5	25
44	Unexpected ortho-Heck Reaction under the Catellani Conditions. <i>Organic Letters</i> , 2020, 22, 3770-3774.	2.4	11
45	Enantioselective Type II Cycloaddition of Alkynes via C=C Activation of Cyclobutanones: Rapid and Asymmetric Construction of [3.3.1] Bridged Bicycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 13180-13189.	6.6	36
46	Asymmetric Total Syntheses of Di- and Sesquiterpenoids by Catalytic C=C Activation of Cyclopentanones. <i>Angewandte Chemie</i> , 2020, 132, 7922-7930.	1.6	4
47	Asymmetric Total Syntheses of Di- and Sesquiterpenoids by Catalytic C=C Activation of Cyclopentanones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7848-7856.	7.2	21
48	Entry to 1,2,3,4-Tetrasubstituted Arenes through Addressing the <i>Meta</i> Constraint in the Palladium/Norbornene Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 3050-3059.	6.6	44
49	Distal Alkenyl C-H Functionalization via the Palladium/Norbornene Cooperative Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 2715-2720.	6.6	58
50	Carbon-Carbon Bond Activation of Ketones. <i>Trends in Chemistry</i> , 2020, 2, 183-198.	4.4	112
51	Intramolecular α^2 -Alkenylation of Cyclohexanones via Pd-Catalyzed Desaturation-Mediated C(sp ³) ² -H/Alkyne Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 8962-8971.	6.6	19
52	Two-Carbon Ring Expansion of 1-Indanones via Insertion of Ethylene into Carbon-Carbon Bonds. <i>Journal of the American Chemical Society</i> , 2019, 141, 13038-13042.	6.6	65
53	Sulfenamide-enabled ortho thiolation of aryl iodides via palladium/norbornene cooperative catalysis. <i>Nature Communications</i> , 2019, 10, 3555.	5.8	43
54	Ruthenium-Catalyzed Reductive Cleavage of Unstrained Aryl-Aryl Bonds: Reaction Development and Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2019, 141, 18630-18640.	6.6	27

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55	Copper-Catalyzed Desaturation of Lactones, Lactams, and Ketones under pH-Neutral Conditions. <i>Journal of the American Chemical Society</i> , 2019, 141, 14889-14897.	6.6	61
56	Kinetic Resolution via Rh-Catalyzed C=C Activation of Cyclobutanones at Room Temperature. <i>Journal of the American Chemical Society</i> , 2019, 141, 16260-16265.	6.6	67
57	Branched-Selective Direct α -Alkylation of Cyclic Ketones with Simple Alkenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4366-4370.	7.2	53
58	Pd-Catalyzed Intramolecular α -Allylic Alkylation of Ketones with Alkynes: Rapid and Stereodivergent Construction of [3.2.1] Bicycles. <i>ACS Catalysis</i> , 2019, 9, 5515-5521.	5.5	17
59	Direct α -Alkenylation of Ketones via Pd-Catalyzed Redox Cascade. <i>Organic Letters</i> , 2019, 21, 3377-3381.	2.4	15
60	Palladium/Norbornene Cooperative Catalysis. <i>Chemical Reviews</i> , 2019, 119, 7478-7528.	23.0	347
61	Deacylative transformations of ketones via aromatization-promoted C=C bond activation. <i>Nature</i> , 2019, 567, 373-378.	13.7	135
62	Redox-Neutral ortho Functionalization of Aryl Boroxines via Palladium/Norbornene Cooperative Catalysis. <i>Chem</i> , 2019, 5, 929-939.	5.8	36
63	Branched-Selective Direct α -Alkylation of Cyclic Ketones with Simple Alkenes. <i>Angewandte Chemie</i> , 2019, 131, 4410-4414.	1.6	14
64	Three-Step Synthesis of a Less-Aggregated Water-Soluble Poly(<i>p</i> -phenylene ethynylene) with <i>meta</i> Side Chains via Palladium/Norbornene Cooperative Catalysis. <i>Macromolecules</i> , 2019, 52, 1663-1670.	2.2	11
65	Direct Vicinal Difunctionalization of Thiophenes Enabled by the Palladium/Norbornene Cooperative Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 18958-18963.	6.6	40
66	Modular and regioselective synthesis of all-carbon tetrasubstituted olefins enabled by an alkenyl Catellani reaction. <i>Nature Chemistry</i> , 2019, 11, 1106-1112.	6.6	93
67	Palladium/Norbornene-Catalyzed Indenone Synthesis from Simple Aryl Iodides: Concise Syntheses of Pauciflorolâ€¦F and Acredinoneâ€¦A. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2144-2148.	7.2	67
68	Palladium/Norbornene-Catalyzed Indenone Synthesis from Simple Aryl Iodides: Concise Syntheses of Pauciflorolâ€¦F and Acredinoneâ€¦A. <i>Angewandte Chemie</i> , 2019, 131, 2166-2170.	1.6	21
69	Transition-Metal-Catalyzed Ketone α -Alkylation and Alkenylation with Simple Alkenes and Alkynes through a Dual Activation Strategy. <i>Synlett</i> , 2019, 30, 674-684.	1.0	21
70	Catalytic activation of unstrained C(aryl)-C(aryl) bonds in 2,2'-biphenols. <i>Nature Chemistry</i> , 2019, 11, 45-51.	6.6	71
71	Divergent Total Syntheses of Enmein-Type Natural Products: (α)-Enmein, (β)-Isodocarpin, and (γ)-Sculponinâ€¦R. <i>Angewandte Chemie</i> , 2018, 130, 6441-6444.	1.6	14
72	Divergent Total Syntheses of Enmein-Type Natural Products: (α)-Enmein, (β)-Isodocarpin, and (γ)-Sculponinâ€¦R. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6333-6336.	7.2	24

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73	Suzuki–Miyaura Coupling of Simple Ketones via Activation of Unstrained Carbon–Carbon Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 5347-5351.	6.6	79
74	Direct Palladium-Catalyzed I^2 -Arylation of Lactams. <i>Angewandte Chemie</i> , 2018, 130, 3877-3881.	1.6	3
75	Rhodium(I)-Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective C^{\sim}C Activation of Benzocyclobutenones. <i>Angewandte Chemie</i> , 2018, 130, 2909-2913.	1.6	21
76	Fused-Ring Formation by an Intramolecular α -Cut-and-Sew Reaction between Cyclobutanones and Alkynes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2702-2706.	7.2	34
77	$\text{sp}^3\text{-C-H}$ activation via <i>exo</i> -type directing groups. <i>Chemical Science</i> , 2018, 9, 1424-1432.	3.7	189
78	Direct Palladium-Catalyzed I^2 -Arylation of Lactams. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3815-3819.	7.2	30
79	Direct Annulation between Aryl Iodides and Epoxides through Palladium/Norbornene Cooperative Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 1713-1717.	1.6	38
80	Rhodium(I)-Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective C^{\sim}C Activation of Benzocyclobutenones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2859-2863.	7.2	51
81	Direct Annulation between Aryl Iodides and Epoxides through Palladium/Norbornene Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1697-1701.	7.2	117
82	Cobalt-Catalyzed Intramolecular Alkyne/Benzocyclobutenone Coupling: C^{\sim}C Bond Cleavage via a Tetrahedral Dicobalt Intermediate. <i>ACS Catalysis</i> , 2018, 8, 845-849.	5.5	32
83	Fused-Ring Formation by an Intramolecular α -Cut-and-Sew Reaction between Cyclobutanones and Alkynes. <i>Angewandte Chemie</i> , 2018, 130, 2732-2736.	1.6	7
84	A modular synthetic approach for band-gap engineering of armchair graphene nanoribbons. <i>Nature Communications</i> , 2018, 9, 1687.	5.8	59
85	Direct I^2 -Alkylation of Ketones and Aldehydes via Pd-Catalyzed Redox Cascade. <i>Journal of the American Chemical Society</i> , 2018, 140, 6057-6061.	6.6	48
86	Palladium-catalyzed redox cascade for direct I^2 -arylation of ketones. <i>Tetrahedron</i> , 2018, 74, 3253-3265.	1.0	10
87	Intramolecular Acetyl Transfer to Olefins by Catalytic C^{\sim}C Bond Activation of Unstrained Ketones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 475-479.	7.2	45
88	Synthesis and applications of rhodium porphyrin complexes. <i>Chemical Society Reviews</i> , 2018, 47, 929-981.	18.7	66
89	Intramolecular Acetyl Transfer to Olefins by Catalytic C^{\sim}C Bond Activation of Unstrained Ketones. <i>Angewandte Chemie</i> , 2018, 130, 484-488.	1.6	9
90	Platinum-Catalyzed Desaturation of Lactams, Ketones, and Lactones. <i>Angewandte Chemie</i> , 2018, 130, 16437-16441.	1.6	16

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91	Palladium-catalyzed asymmetric annulation between aryl iodides and racemic epoxides using a chiral norbornene cocatalyst. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3108-3112.	2.3	42
92	Platinum-catalyzed Desaturation of Lactams, Ketones, and Lactones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16205-16209.	7.2	49
93	Modular In Situ Functionalization Strategy: Multicomponent Polymerization by Palladium/Norbornene Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8592-8596.	7.2	39
94	Modular In Situ Functionalization Strategy: Multicomponent Polymerization by Palladium/Norbornene Cooperative Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 8728-8732.	1.6	5
95	Complementary site-selectivity in arene functionalization enabled by overcoming the ortho constraint in palladium/norbornene catalysis. <i>Nature Chemistry</i> , 2018, 10, 866-872.	6.6	122
96	Palladium-catalyzed ^3C - $^{\text{H}}$ Arylation of Thiols by a Detachable Protecting/Directing Group. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12352-12355.	7.2	41
97	Palladium-catalyzed ^3C - $^{\text{H}}$ Arylation of Thiols by a Detachable Protecting/Directing Group. <i>Angewandte Chemie</i> , 2018, 130, 12532-12535.	1.6	10
98	Concise Synthesis of (β)-Cycloclavine and (β)-5- <i>epi</i> -Cycloclavine via Asymmetric C-C Activation. <i>Journal of the American Chemical Society</i> , 2018, 140, 9652-9658.	6.6	70
99	Modular <i>ortho</i> /Difunctionalization of Aryl Bromides via Palladium/Norbornene Cooperative Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 8551-8562.	6.6	91
100	Distal C-C Selective C-C Activation of Ring-Fused Cyclopentanones: An Efficient Access to Spiroindanones. <i>Angewandte Chemie</i> , 2017, 129, 2416-2420.	1.6	12
101	Distal C-C Selective C-C Activation of Ring-Fused Cyclopentanones: An Efficient Access to Spiroindanones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2376-2380.	7.2	64
102	Cut and Sew Transformations via Transition-Metal-Catalyzed Carbon-Carbon Bond Activation. <i>ACS Catalysis</i> , 2017, 7, 1340-1360.	5.5	361
103	Transition-Metal-Catalyzed C-H Alkylation Using Alkenes. <i>Chemical Reviews</i> , 2017, 117, 9333-9403.	23.0	885
104	Copper(I)-catalyzed Chemoselective Coupling of Cyclopropanols with Diazoesters: Ring-Opening C-C Bond Formations. <i>Angewandte Chemie</i> , 2017, 129, 4003-4008.	1.6	11
105	Copper(I)-catalyzed Chemoselective Coupling of Cyclopropanols with Diazoesters: Ring-Opening C-C Bond Formations. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3945-3950.	7.2	61
106	Synthetic Study of Phainanoids. Highly Diastereoselective Construction of the 4,5-Spirocycle via Palladium-Catalyzed Intramolecular Alkenylation. <i>Organic Letters</i> , 2017, 19, 3017-3020.	2.4	20
107	Direct Catalytic Desaturation of Lactams Enabled by Soft Enolization. <i>Journal of the American Chemical Society</i> , 2017, 139, 7757-7760.	6.6	72
108	Catalytic Coupling between Unactivated Aliphatic C-H Bonds and Alkynes via a Metal-Hydride Pathway. <i>Journal of the American Chemical Society</i> , 2017, 139, 5716-5719.	6.6	56

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109	Site-Selectivity Control in Organic Reactions: A Quest To Differentiate Reactivity among the Same Kind of Functional Groups. <i>Accounts of Chemical Research</i> , 2017, 50, 465-471.	7.6	123
110	Branched-Selective Intermolecular Ketone α -Alkylation with Unactivated Alkenes via an Enamide Directing Strategy. <i>Journal of the American Chemical Society</i> , 2017, 139, 13664-13667.	6.6	91
111	Catalytic C(sp ³) α -H Arylation of Free Primary Amines with an <i>exo</i> Directing Group Generated <i>In Situ</i> . <i>Angewandte Chemie</i> , 2016, 128, 9230-9233.	1.6	51
112	Catalytic C(sp ³) α -H Arylation of Free Primary Amines with an <i>exo</i> Directing Group Generated <i>In Situ</i> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9084-9087.	7.2	208
113	Practical Direct α -Arylation of Cyclopentanones by Palladium/Enamine Cooperative Catalysis. <i>Angewandte Chemie</i> , 2016, 128, 2605-2609.	1.6	15
114	A Hydrazone-Based <i>exo</i> -Directing Group Strategy for α -H Oxidation of Aliphatic Amines. <i>Angewandte Chemie</i> , 2016, 128, 5385-5389.	1.6	18
115	Synthesis of Bridged Cyclopentane Derivatives by Catalytic Decarbonylative Cycloaddition of Cyclobutanones and Olefins. <i>Angewandte Chemie</i> , 2016, 128, 14071-14075.	1.6	12
116	Reagent-Enabled ortho-Alkoxyacylation of Aryl Iodides via Palladium/Norbornene Catalysis. <i>Chem</i> , 2016, 1, 581-591.	5.8	73
117	Effect of Ring Functionalization on the Reaction Temperature of Benzocyclobutene Thermoset Polymers. <i>Macromolecules</i> , 2016, 49, 3706-3715.	2.2	23
118	Direct Observation of α -H Cyclopalladation at Tertiary Positions Enabled by an Exo-Directing Group. <i>Organometallics</i> , 2016, 35, 1057-1059.	1.1	29
119	Synthesis of Bridged Cyclopentane Derivatives by Catalytic Decarbonylative Cycloaddition of Cyclobutanones and Olefins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13867-13871.	7.2	40
120	Cyclobutenones and Benzocyclobutenones: Versatile Synthons in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2016, 22, 18290-18315.	1.7	108
121	Nickel-Catalyzed Chemo- and Enantioselective Coupling between Cyclobutanones and Allenes: Rapid Synthesis of [3.2.2] Bicycles. <i>Angewandte Chemie</i> , 2016, 128, 15315-15319.	1.6	21
122	Catalytic activation of carbon-carbon bonds in cyclopentanones. <i>Nature</i> , 2016, 539, 546-550.	13.7	217
123	Nickel-Catalyzed Chemo- and Enantioselective Coupling between Cyclobutanones and Allenes: Rapid Synthesis of [3.2.2] Bicycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15091-15095.	7.2	54
124	Efficient Bottom-Up Preparation of Graphene Nanoribbons by Mild Suzuki-Miyaura Polymerization of Simple Triaryl Monomers. <i>Chemistry - A European Journal</i> , 2016, 22, 9116-9120.	1.7	55
125	Practical Direct α -Arylation of Cyclopentanones by Palladium/Enamine Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2559-2563.	7.2	58
126	A Hydrazone-Based <i>exo</i> -Directing Group Strategy for α -H Oxidation of Aliphatic Amines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5299-5303.	7.2	83

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127	Synthesis of Ynones and Recent Application in Transition-Metal-Catalyzed Reactions. <i>Synthesis</i> , 2016, 48, 161-183.	1.2	57
128	Enantioselective Rh-Catalyzed Carboacylation of C–N Bonds via C–C Activation of Benzocyclobutenones. <i>Journal of the American Chemical Society</i> , 2016, 138, 369-374.	6.6	118
129	Catalytic Cage Formation via Controlled Dimerization of Norbornadienes: An Entry to Functionalized HCTDs (Heptacyclo[6.6.0.0 ^{2,6} .0 ^{3,13} .0 ^{4,11} .0 ^{5,9} .0 ^{10,14}]tetradecanes). <i>Organic Letters</i> , 2016, 18, 1104-1107.	3.4	21
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