Lutz Ackermann

List of Publications by Year
in descending order

645 papers	67,755 citations	511 128 h-index	1385 222 g-index
693 all docs	693 docs citations	693 times ranked	21280 citing authors

#	Article	IF	Citations
1	Rhodaâ€Electrocatalyzed Câˆ’H Methylation and Paired Electrocatalyzed Câˆ’H Ethylation and Propylation. Chemistry - A European Journal, 2022, 28, .	3.3	18
2	Rationales Design von Pheâ€BODIPYâ€AminosÃuren als fluorogene Bausteine fÃ¼r den peptidbasierten Nachweis von <i>Candida</i>â€Infektionen im Harntrakt. Angewandte Chemie, 2022, 134, .	2.0	4
3	2 Fundamental Principles of Organic Electrochemistry. , 2022, , .		1
4	Rational Design of Pheâ€BODIPY Amino Acids as Fluorogenic Building Blocks for Peptideâ€Based Detection of Urinary Tract <i>Candida</i> Infections. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
5	Polyyne [3]Rotaxanes: Synthesis via Dicobalt Carbonyl Complexes and Enhanced Stability. Angewandte Chemie - International Edition, 2022, 61, .	13.8	23
6	Synthesis of <i>C</i>â€Oligosaccharides through Versatile C(sp³)âˆ’H Glycosylation of Glycosides. Angewandte Chemie - International Edition, 2022, 61, .	13.8	23
7	Earth-abundant 3d transition metals on the rise in catalysis. Beilstein Journal of Organic Chemistry, 2022, 18, 86-88.	2.2	12
8	Cobalt-Catalyzed Enantioselective Câ€“H Arylation of Indoles. Journal of the American Chemical Society, 2022, 144, 798-806.	13.7	77
9	Electrooxidative palladium- and enantioselective rhodium-catalyzed [3 + 2] spiroannulations. Chemical Science, 2022, 13, 2783-2788.	7.4	51
10	Atropoenantioselective palladaelectro-catalyzed anilide Câ€“H olefinations viable with natural sunlight as sustainable power source. Chemical Science, 2022, 13, 2729-2734.	7.4	24
11	Electrochemical Cage Activation of Carboranes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	18
12	Elektrochemische CarborankÃfigâ€Aktivierung. Angewandte Chemie, 2022, 134, .	2.0	3
13	Ruthenaelectro-catalyzed Câ€“H acyloxylation for late-stage tyrosine and oligopeptide diversification. Chemical Science, 2022, 13, 3461-3467.	7.4	23
14	Thioether-enabled palladium-catalyzed atroposelective Câ€“H olefination for Nâ€“C and Câ€“C axial chirality. Chemical Science, 2022, 13, 4088-4094.	7.4	30
15	A porphyrin pentamer as a bright emitter for NIR OLEDs. Journal of Materials Chemistry C, 2022, 10, 5929-5933.	5.5	6
16	Synthesis and in vitro Study of Artemisinin/Synthetic Peroxideâ€Based Hybrid Compounds against SARSâ€CoVâ€2 and Cancer. ChemMedChem, 2022, 17, .	3.2	17
17	Rhodaelectroâ€Catalyzed <i>peri</i>â€Selective Direct Alkenylations with Weak <i>O</i>â€Coordination Enabled by the Hydrogen Evolution Reaction (HER). Angewandte Chemie - International Edition, 2022, 61, .	13.8	18
18	Distal Ruthenaelectroâ€Catalyzed <i>meta</i>â€Câˆ’H Bromination with Aqueous HBr. Angewandte Chemie - International Edition, 2022, 61, .	13.8	25

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19	Nickelâ€Catalyzed C_{sp2}âˆ’OMe Functionalization for Chemoselective Aromatic Homologation En Route to Nanographenes. Chemistry - A European Journal, 2022, 28, .	3.3	5
20	Electrooxidative tricyclic 6â€“7â€“6 fused-system domino assembly to allocolchicines by a removable radical strategy. Green Chemistry, 2022, 24, 3697-3703.	9.0	17
21	Selective Labeling of Peptides with <i>o</i>â€Carboranes via Manganese(I)â€Catalyzed Câˆ’H Activation. Chemistry - A European Journal, 2022, 28, .	3.3	7
22	Cyclometallated Iron(II) Alkoxides in Iron-Catalyzed Câ€“H Activations by Weak <i>O</i>-Carbonyl Chelation. ACS Catalysis, 2022, 12, 4947-4960.	11.2	13
23	Efficient preparation of unsymmetrical alkylâ€“aryl tellurides <i>via</i> a nickel-catalyzed reductive coupling strategy. Organic Chemistry Frontiers, 2022, 9, 3199-3203.	4.5	4
24	Efficient preparation of unsymmetrical disulfides by nickel-catalyzed reductive coupling strategy. Nature Communications, 2022, 13, 2588.	12.8	33
25	Photoâ€Induced Rutheniumâ€Catalyzed Double Remote C(sp²)âˆ’H / C(sp³)âˆ’H Functionalizations by Radical Relay. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
26	Singly and Triply Linked Magnetic Porphyrin Lanthanide Arrays. Journal of the American Chemical Society, 2022, 144, 8693-8706.	13.7	13
27	Sustainable Ruthenium(II)-Catalyzed Câ€“H Activations in and on H₂O. ACS Sustainable Chemistry and Engineering, 2022, 10, 6871-6888.	6.7	20
28	Three-component carboacylation of alkenes <i>via</i> cooperative nickelaphotoredox catalysis. Chemical Science, 2022, 13, 7256-7263.	7.4	29
29	Understanding the unique reactivity patterns of nickel/JoSPOphos manifold in the nickel-catalyzed enantioselective Câ€“H cyclization of imidazoles. Chemical Science, 2021, 12, 718-729.	7.4	19
30	Electrochemical Bâˆ’H Nitrogenation: Access to Amino Acid and BODIPYâ€Labeled nido â€Carboranes. Angewandte Chemie - International Edition, 2021, 60, 1482-1487.	13.8	20
31	Electrochemical Câˆ’H Amidation of Heteroarenes with <i>N</i>â€Alkyl Sulfonamides in Aqueous Medium. Chemistry - A European Journal, 2021, 27, 242-246.	3.3	32
32	Ruthenaelectroâ€Catalyzed Domino Threeâ€Component Alkyne Annulation for Expedient Isoquinoline Assembly. Angewandte Chemie - International Edition, 2021, 60, 4619-4624.	13.8	49
33	Cooperative assembly of H-bonded rosettes inside a porphyrin nanoring. Chemical Science, 2021, 12, 1427-1432.	7.4	11
34	Ruthenaelektroâ€katalysierte Dominoâ€Dreiâ€Komponentenâ€Alkinanellierung fÃ¼r nÃ¼tzliche Isochinolinâ€Synthesen. Angewandte Chemie, 2021, 133, 4669-4674.	2.0	12
35	Access to 10â€Phenanthrenols <i>via</i> Electrochemical Câˆ’H/Câˆ’H Arylation. Advanced Synthesis and Catalysis, 2021, 363, 1120-1125.	4.3	16
36	Elektrochemische Bâ€Hâ€Nitrogenierung: Zugang zu AminosÃureâ€•und BODIPYâ€markierten nido â€Carboranen. Angewandte Chemie, 2021, 133, 1504-1509.	2.0	8

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37	Charge transport through extended molecular wires with strongly correlated electrons. Chemical Science, 2021, 12, 11121-11129.	7.4	8
38	Electrooxidative dearomatization of biaryls: synthesis of tri- and difluoromethylated spiro[5.5]trienones. Chemical Science, 2021, 12, 10092-10096.	7.4	60
39	Green strategies for transition metal-catalyzed Câ€“H activation in molecular syntheses. Organic Chemistry Frontiers, 2021, 8, 4886-4913.	4.5	59
40	Metal-catalysed Câ€“Het (F, O, S, N) and Câ€“C bond arylation. Chemical Society Reviews, 2021, 50, 8903-8953.	38.1	75
41	Iron-Catalyzed Triazole-Enabled Câ€“H Activation with Bicyclopropylidenes. ACS Catalysis, 2021, 11, 1053-1064.	11.2	14
42	Insights into the Mechanism of Low-Valent Cobalt-Catalyzed Câ€“H Activation. ACS Catalysis, 2021, 11, 1505-1515.	11.2	32
43	Post-synthetic functionalization of tryptophan protected peptide sequences through indole (C-2) photocatalytic alkylation. Chemical Communications, 2021, 57, 5758-5761.	4.1	21
44	Electrooxidative <i>o</i>-carborane chalcogenations without directing groups: cage activation by copper catalysis at room temperature. Chemical Science, 2021, 12, 12971-12976.	7.4	7
45	Electrooxidative Rhodiumâ€Catalyzed [5+2] Annulations via Câˆ’H/Oâˆ’H Activations. Angewandte Chemie - International Edition, 2021, 60, 6419-6424.	13.8	65
46	Electroreductive Nickelâ€Catalyzed Thiolation: Efficient Crossâ€Electrophile Coupling for Câˆ’S Formation. Chemistry - A European Journal, 2021, 27, 4883-4887.	3.3	33
47	Elektrooxidative Rhodiumâ€katalysierte [5+2]â€Anellierung durch Câ€H/Oâ€Hâ€Aktivierung. Angewandte Chemie, 2021, 133, 6490-6495.	2.0	17
48	Late-stage stitching enabled by manganese-catalyzed Câ”€H activation: Peptide ligation and access to cyclopeptides. Science Advances, 2021, 7, .	10.3	36
49	<i>para</i>â€Selective Palladiumâ€Catalyzed Câˆ’H Difluoroalkylation by Weak Oxazolidinone Assistance. ChemCatChem, 2021, 13, 1738-1742.	3.7	9
50	Effects of the Novel PFKFB3 Inhibitor KAN0438757 on Colorectal Cancer Cells and Its Systemic Toxicity Evaluation In Vivo. Cancers, 2021, 13, 1011.	3.7	22
51	Rhodaelectro-Catalyzed Câ€“H and Câ€“C Activation. CCS Chemistry, 2021, 3, 1529-1552.	7.8	65
52	Organic Electrochemistry: Molecular Syntheses with Potential. ACS Central Science, 2021, 7, 415-431.	11.3	335
53	Enantioselective Ruthenium-Catalyzed Câ€“H Alkylations by a Chiral Carboxylic Acid with Attractive Dispersive Interactions. Organic Letters, 2021, 23, 2760-2765.	4.6	38
54	Editorial: The Catalysis of Ring Synthesis. ChemCatChem, 2021, 13, 2962-2964.	3.7	0

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55	Electrooxidative Metalâ€Free Cyclization of 4â€Arylaminocoumarins with DMF as C1â€Source. Advanced Synthesis and Catalysis, 2021, 363, 2773-2777.	4.3	16
56	Remote Câ€“H Functionalizations by Ruthenium Catalysis. Synthesis, 2021, 53, 2911-2946.	2.3	28
57	Evolution of Earthâ€Abundant 3â€‰dâ€Metallaelectroâ€Catalyzed Câˆ’H Activation: From Chelationâ€Assistance to Câˆ’H Functionalization without Directing Groups. Chemical Record, 2021, 21, 2430-2441.	5.8	12
58	Rhodaelektrokatalysierte bimetallische Câ€Hâ€Oxygenierung durch schwache O â€Koordination. Angewandte Chemie, 2021, 133, 13373-13379.	2.0	5
59	Rhodaâ€Electrocatalyzed Bimetallic Câˆ’H Oxygenation by Weak <i>O</i>â€Coordination. Angewandte Chemie - International Edition, 2021, 60, 13264-13270.	13.8	31
60	Electrocatalytic Câ€“H phosphorylation through nickel(III/IV/II) catalysis. CheM, 2021, 7, 1379-1392.	11.7	26
61	Nickela-electrocatalyzed sulfide and phosphine oxygenations with water. Science China Chemistry, 2021, 64, 873-874.	8.2	2
62	Ruthenium(II)-carboxylate-catalyzed C4/C6â€“H dual alkylations of indoles. Tetrahedron Letters, 2021, 72, 153064.	1.4	5
63	Chemodivergent manganese-catalyzed Câ€“H activation: modular synthesis of fluorogenic probes. Nature Communications, 2021, 12, 3389.	12.8	50
64	Ruthenium(II)- and Palladium(II)-catalyzed position-divergent C H oxygenations of arylated quinones: Identification of hydroxylated quinonoid compounds with potent trypanocidal activity. Bioorganic and Medicinal Chemistry, 2021, 40, 116164.	3.0	2
65	Câ€“H activation. Nature Reviews Methods Primers, 2021, 1, .	21.2	277
66	Electro-oxidative Intermolecular Allylic C(sp³)â€“H Aminations. Journal of Organic Chemistry, 2021, 86, 15935-15945.	3.2	25
67	Reusable Manganese Catalyst for Siteâ€Selective Pyridine Câˆ’H Arylations and Alkylations. Chemistry - A European Journal, 2021, 27, 12737-12741.	3.3	13
68	Copper-mediated oxidative Câˆ’H/Nâˆ’H activations with alkynes by removable hydrazides. Beilstein Journal of Organic Chemistry, 2021, 17, 1591-1599.	2.2	1
69	Late-stage Câ€“H functionalization offers new opportunities in drug discovery. Nature Reviews Chemistry, 2021, 5, 522-545.	30.2	341
70	From Macrocycles to Quantum Rings: Does Aromaticity Have a Size Limit?. Accounts of Chemical Research, 2021, 54, 3241-3251.	15.6	41
71	Photoâ€Induced Rutheniumâ€Catalyzed Câˆ’H Benzylations and Allylations at Room Temperature. Chemistry - A European Journal, 2021, 27, 16237-16241.	3.3	17
72	Rhodaelectro-catalyzed access to chromones via formyl Câ€“H activation towards peptide electro-labeling. Nature Communications, 2021, 12, 4736.	12.8	36

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73	Organic synthesis in Aqueous Multiphase Systems â€” Challenges and opportunities ahead of us. Current Opinion in Colloid and Interface Science, 2021, 56, 101506.	7.4	28
74	Manganaelectro-Catalyzed Azine Câ€“H Arylations and Câ€“H Alkylations by Assistance of Weakly Coordinating Amides. ACS Catalysis, 2021, 11, 11639-11649.	11.2	19
75	Towards efficient near-infrared fluorescent organic light-emitting diodes. Light: Science and Applications, 2021, 10, 18.	16.6	46
76	Rhodaelectro-catalyzed chemo-divergent Câ€“H activations with alkylidenecyclopropanes for selective cyclopropylations. Chemical Communications, 2021, 57, 3668-3671.	4.1	17
77	Mangana(<scp>iii</scp>/<scp>iv</scp>)electro-catalyzed C(sp³)â€“H azidation. Chemical Science, 2021, 12, 2890-2897.	7.4	69
78	Deaminative <i>meta</i>-Câ€“H alkylation by ruthenium(<scp>ii</scp>) catalysis. Chemical Science, 2021, 12, 8073-8078.	7.4	25
79	Experimental and Theoretical Evidence for Aromatic Stabilization Energy in Large Macrocycles. Journal of the American Chemical Society, 2021, 143, 2403-2412.	13.7	22
80	Enantioselective palladaelectro-catalyzed Câ€“H olefinations and allylations for Nâ€“C axial chirality. Chemical Science, 2021, 12, 14182-14188.	7.4	52
81	Self-assembly of a strapped linear porphyrin oligomer on HOPG. Scientific Reports, 2021, 11, 20388.	3.3	4
82	A Strategy for Siteâ€•and Chemoselective Câˆ’H Alkenylation through Osmaelectrooxidative Catalysis. Angewandte Chemie - International Edition, 2021, 60, 27005-27012.	13.8	22
83	Dibenzocycloheptanones construction through a removable <i>P</i>-centered radical: synthesis of allocolchicine analogues. Chemical Science, 2021, 12, 15727-15732.	7.4	14
84	A Peierls Transition in Long Polymethine Molecular Wires: Evolution of Molecular Geometry and Single-Molecule Conductance. Journal of the American Chemical Society, 2021, 143, 20472-20481.	13.7	19
85	Câ€“H activation by immobilized heterogeneous photocatalysts. Photochemical and Photobiological Sciences, 2021, 20, 1563-1572.	2.9	6
86	Ruthenium(II)â€Catalyzed Hydrogen Isotope Exchange of Pharmaceutical Drugs by Câˆ’H Deuteration and Câˆ’H Tritiation. ChemCatChem, 2020, 12, 100-104.	3.7	35
87	Nickelaâ€electrocatalyzed Câˆ’H Alkoxylation with Secondary Alcohols: Oxidationâ€Induced Reductive Elimination at Nickel(III). Angewandte Chemie - International Edition, 2020, 59, 3178-3183.	13.8	81
88	Heterogeneous Manganeseâ€Catalyzed Oxidase Câˆ’H/Câˆ’O Cyclization to Access Pharmaceutically Active Compounds. ChemCatChem, 2020, 12, 449-454.	3.7	23
89	Cobaltaâ€Electrocatalyzed Câˆ’H Activation in Biomassâ€Derived Glycerol: Powered by Renewable Wind and Solar Energy. ChemSusChem, 2020, 13, 668-671.	6.8	31
90	Cobaltaelectro-catalyzed oxidative allene annulation by electro-removable hydrazides. Chemical Communications, 2020, 56, 1393-1396.	4.1	49

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91	Catalyst-free, direct electrochemical synthesis of annulated medium-sized lactams through Câ€“C bond cleavage. Green Chemistry, 2020, 22, 1099-1104.	9.0	62
92	Electrophotocatalytic Undirected Câˆ’H Trifluoromethylations of (Het)Arenes. Chemistry - A European Journal, 2020, 26, 3241-3246.	3.3	131
93	Metalla-electrocatalyzed Câ€“H Activation by Earth-Abundant 3d Metals and Beyond. Accounts of Chemical Research, 2020, 53, 84-104.	15.6	431
94	Editorial for the Special Issue on Functional Organic Materials. Journal of Organic Chemistry, 2020, 85, 1-3.	3.2	3
95	Elektrochemischer Zugang zu azaâ€polycyclischen aromatischen Kohlenwasserstoffen: Rhodaâ€elektrokatalytische Dominoâ€Alkinâ€Anellierungen. Angewandte Chemie, 2020, 132, 5596-5601.	2.0	17
96	Nickelaelektroâ€katalysierte Câ€Hâ€Alkoxylierung mit sekundÃren Alkoholen: oxidationsinduzierte reduktive Eliminierung an Nickel(III). Angewandte Chemie, 2020, 132, 3204-3209.	2.0	19
97	Electrochemical Access to Azaâ€Polycyclic Aromatic Hydrocarbons: Rhodaâ€Electrocatalyzed Domino Alkyne Annulations. Angewandte Chemie - International Edition, 2020, 59, 5551-5556.	13.8	72
98	Late-Stage Diversification by Selectivity Switch in <i>meta</i>-Câ€“H Activation: Evidence for Singlet Stabilization. ACS Catalysis, 2020, 10, 435-440.	11.2	61
99	Zusammenwirken von Rutheniumkatalysatoren und elektrokatalytisch generierten, hypervalenten Iodreagenzien fÃ¼r die Câ€Hâ€Oxygenierung. Angewandte Chemie, 2020, 132, 3210-3215.	2.0	28
100	Câˆ’H Oxygenation Reactions Enabled by Dual Catalysis with Electrogenerated Hypervalent Iodine Species and Ruthenium Complexes. Angewandte Chemie - International Edition, 2020, 59, 3184-3189.	13.8	83
101	Manganese- and rhenium-catalyzed Câ€“H enaminylation: expedient access to novel indoleâ€“purine hybrids with anti-tumor bioactivities. Organic Chemistry Frontiers, 2020, 7, 3709-3714.	4.5	14
102	Powering the Future: How Can Electrochemistry Make a Difference in Organic Synthesis?. CheM, 2020, 6, 2484-2496.	11.7	270
103	Allenes in Manganese(I)-Catalyzed Câ€“C Activation and a Strategy for Cascade Ring Expansion. Cell Reports Physical Science, 2020, 1, 100178.	5.6	3
104	Regiodivergent Câˆ’H and Decarboxylative Câˆ’C Alkylation by Ruthenium Catalysis: <i>ortho</i> versus <i>meta</i> Positionâ€Selectivity. Angewandte Chemie - International Edition, 2020, 59, 18795-18803.	13.8	52
105	Photoâ€Induced Rutheniumâ€Catalyzed Câˆ’H Arylations at Ambient Temperature. Angewandte Chemie - International Edition, 2020, 59, 18103-18109.	13.8	58
106	Peptide Late-Stage Diversifications by Rhodium-Catalyzed Tryptophan C7 Amidation. CheM, 2020, 6, 3428-3439.	11.7	57
107	Molecular Quantum Rings Formed from a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ï€</mml:mi></mml:mrow></mml:math> -Conjugated Macrocycle. Physical Review Letters, 2020, 125, 206803.	7.8	19
108	The Artemisinin-Derived Autofluorescent Compound BG95 Exerts Strong Anticytomegaloviral Activity Based on a Mitochondrial Targeting Mechanism. International Journal of Molecular Sciences, 2020, 21, 5578.	4.1	6

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109	Recyclable Ruthenium Catalyst for Distal <i>meta</i>â€Câˆ'H Activation. Chemistry - A European Journal, 2020, 26, 15290-15297.	3.3	18
110	Super-resolution RESOLFT microscopy of lipid bilayers using a fluorophore-switch dyad. Chemical Science, 2020, 11, 8955-8960.	7.4	18
111	Excitonâ€"Exciton Annihilation as a Probe of Exciton Diffusion in Large Porphyrin Nanorings. Journal of Physical Chemistry C, 2020, 124, 18416-18425.	3.1	8
112	Renewable resources for sustainable metallaelectro-catalysed Câ€"H activation. Chemical Science, 2020, 11, 8657-8670.	7.4	69
113	Regiodivergente Câ€Hâ€•und decarboxylierende Câ€Câ€Alkylierung mittels Rutheniumkatalyse: <i>orthoâ€‹</i> versus <i>metaâ€‹</i>RegioselektivitÃt. Angewandte Chemie, 2020, 132, 18956-18965.	2.0	13
114	Peptide late-stage C(sp³)â€"H arylation by native asparagine assistance without exogenous directing groups. Chemical Science, 2020, 11, 9290-9295.	7.4	28
115	Photoinduzierte Rutheniumkatalysierte Câ€Hâ€Arylierungen bei Umgebungstemperatur. Angewandte Chemie, 2020, 132, 18259-18265.	2.0	11
116	Global Aromaticity in a Partially Fused 8-Porphyrin Nanoring. Journal of the American Chemical Society, 2020, 142, 19393-19401.	13.7	27
117	Frontispiece: Evolution of Highâ€Valent Nickelaâ€Electrocatalyzed Câˆ'H Activation: From Cross(â€Electrophile)â€Couplings to Electrooxidative Câˆ'H Transformations. Chemistry - A European Journal, 2020, 26, .	3.3	0
118	Reactivity-Controlling Factors in Carboxylate-Assisted Câ€"H Activation under 4d and 3d Transition Metal Catalysis. ACS Catalysis, 2020, 10, 10551-10558.	11.2	69
119	Câ€"F Activation for C(sp²)â€"C(sp³) Cross-Coupling by a Secondary Phosphine Oxide (SPO)-Nickel Complex. Organic Letters, 2020, 22, 7034-7040.	4.6	18
120	Regioselective B(3,4)â€"H arylation of <i>o</i>-carboranes by weak amide coordination at room temperature. Chemical Science, 2020, 11, 10764-10769.	7.4	52
121	Carboxylate breaks the arene Câ€"H bond <i>via</i> a hydrogen-atom-transfer mechanism in electrochemical cobalt catalysis. Chemical Science, 2020, 11, 5790-5796.	7.4	19
122	Cobalta-Electrocatalyzed Câ€"H Allylation with Unactivated Alkenes. ACS Catalysis, 2020, 10, 6457-6462.	11.2	48
123	C7â€Indole Amidations and Alkenylations by Ruthenium(II) Catalysis. Angewandte Chemie - International Edition, 2020, 59, 12534-12540.	13.8	70
124	(Iso)Quinolineâ€"Artemisinin Hybrids Prepared through Click Chemistry: Highly Potent Agents against Viruses. Chemistry - A European Journal, 2020, 26, 12019-12026.	3.3	18
125	3d metallaelectrocatalysis for resource economical syntheses. Chemical Society Reviews, 2020, 49, 4254-4272.	38.1	150
126	Cobalt-catalysed Câ€"H methylation for late-stage drug diversification. Nature Chemistry, 2020, 12, 511-519.	13.6	154

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127	Allenes for Versatile Iron-Catalyzed Câ€“H Activation by Weak O-Coordination: Mechanistic Insights by Kinetics, Intermediate Isolation, and Computation. Journal of the American Chemical Society, 2020, 142, 13102-13111.	13.7	45
128	C7â€Indolâ€Amidierung und â€Alkenylierung durch Ruthenium(II)â€•Katalyse. Angewandte Chemie, 2020, 132, 12635-12641.	2.0	13
129	Panchromatic light funneling through the synergy in hexabenzocoroneneâ€“(metallo)porphyrinâ€“fullerene assemblies to realize the separation of charges. Chemical Science, 2020, 11, 7123-7132.	7.4	9
130	Domino Câ€“H Activation/Directing Group Migration/Alkyne Annulation: Unique Selectivity by d⁶-Cobalt(III) Catalysts. ACS Catalysis, 2020, 10, 4444-4450.	11.2	52
131	Insights into Cobalta(III/IV/II)â€Electrocatalysis: Oxidationâ€Induced Reductive Elimination for Twofold Câ^'H Activation. Angewandte Chemie - International Edition, 2020, 59, 10955-10960.	13.8	65
132	Mechanistische Studien zu Cobalta(III/IV/II)â€Elektrokatalyse: Oxidativâ€induzierte reduktive Eliminierung zur zweifachen Câ€Hâ€Aktivierung. Angewandte Chemie, 2020, 132, 11048-11053.	2.0	16
133	Electrochemical Selenation/Cyclization of Quinones: A Rapid, Green and Efficient Access to Functionalized Trypanocidal and Antitumor Compounds. European Journal of Organic Chemistry, 2020, 2020, 4474-4486.	2.4	42
134	Late-stage C(sp²)â€“H and C(sp³)â€“H glycosylation of <i>C</i>-aryl/alkyl glycopeptides: mechanistic insights and fluorescence labeling. Chemical Science, 2020, 11, 6521-6526.	7.4	76
135	Ruthenium(II)â€Catalyzed Double Annulation of Quinones: Stepâ€Economical Access to Valuable Bioactive Compounds. Chemistry - A European Journal, 2020, 26, 10981-10986.	3.3	22
136	Enantioselective Palladaâ€Electrocatalyzed Câ^'H Activation by Transient Directing Groups: Expedient Access to Helicenes. Angewandte Chemie - International Edition, 2020, 59, 13451-13457.	13.8	177
137	Azaruthena(II)â€bicyclo[3.2.0]heptadien: SchlÃ¼sselintermediat fÃ¼r Ruthenaelektro(II/III/I)â€katalysierte Alkinanellierungen. Angewandte Chemie, 2020, 132, 11223-11229.	2.0	18
138	Azaruthena(II)â€bicyclo[3.2.0]heptadiene: Key Intermediate for Ruthenaelectro(II/III/I)â€catalyzed Alkyne Annulations. Angewandte Chemie - International Edition, 2020, 59, 11130-11135.	13.8	61
139	Insights into Ruthenium(II/IV)â€Catalyzed Distal Câ^'H Oxygenation by Weak Coordination. Chemistry - A European Journal, 2020, 26, 16450-16454.	3.3	15
140	Allosteric Cooperativity and Template-Directed Synthesis with Stacked Ligands in Porphyrin Nanorings. Journal of the American Chemical Society, 2020, 142, 13219-13226.	13.7	15
141	Photochemical Unmasking of Polyyne Rotaxanes. Journal of the American Chemical Society, 2020, 142, 13523-13532.	13.7	20
142	Cobaltâ€Catalyzed Oxidative Câ^'H Activation: Strategies and Concepts. ChemSusChem, 2020, 13, 3306-3356.	6.8	71
143	Mechanisms of IR amplification in radical cation polarons. Chemical Science, 2020, 11, 2112-2120.	7.4	12
144	Global aromaticity at the nanoscale. Nature Chemistry, 2020, 12, 236-241.	13.6	121

#	Article	IF	Citations
145	Photoinduced Heterogeneous Câˆ’H Arylation by a Reusable Hybrid Copper Catalyst. Chemistry - A European Journal, 2020, 26, 3509-3514.	3.3	24
146	Rhodiumâ€Catalyzed Electrooxidative Câˆ’H Olefination of Benzamides. Angewandte Chemie - International Edition, 2020, 59, 15076-15080.	13.8	36
147	Nickelaelektrokatalysierte, milde Câ€Hâ€Alkylierungen bei Raumtemperatur. Angewandte Chemie, 2020, 132, 14258-14263.	2.0	8
148	Rhodiumkatalysierte elektrooxidative Câ€Hâ€Olefinierung von Benzamiden. Angewandte Chemie, 2020, 132, 15188-15192.	2.0	9
149	Enantioselektive Palladaâ€elektrokatalysierte Câ€Hâ€Aktivierung durch transiente dirigierende Gruppen: Ein nÃ¼tzlicher Zugang zu Helicenen. Angewandte Chemie, 2020, 132, 13553-13559.	2.0	42
150	Electroreductive Cobaltâ€Catalyzed Carboxylation: Crossâ€Electrophile Electrocoupling with Atmospheric CO₂. Angewandte Chemie - International Edition, 2020, 59, 12842-12847.	13.8	92
151	Evolution of Highâ€Valent Nickelaâ€Electrocatalyzed Câˆ’H Activation: From Cross(â€Electrophile)â€Couplings to Electrooxidative Câˆ’H Transformations. Chemistry - A European Journal, 2020, 26, 10936-10947.	3.3	32
152	Elektroâ€reduktive Cobaltâ€katalysierte Carboxylierung: Kreuzelektrophile Elektrokupplung mit atmosphÃrischem CO₂. Angewandte Chemie, 2020, 132, 12942-12947.	2.0	18
153	Nickelaâ€electrocatalyzed Mild Câˆ’H Alkylations at Room Temperature. Angewandte Chemie - International Edition, 2020, 59, 14154-14159.	13.8	46
154	Cobaltaelectro-catalyzed Câ€"H activation for resource-economical molecular syntheses. Nature Protocols, 2020, 15, 1760-1774.	12.0	19
155	Chelation-assisted transition metal-catalysed Câ€"H chalcogenylations. Organic Chemistry Frontiers, 2020, 7, 1022-1060.	4.5	68
156	Cobaltâ€Catalyzed Hiyamaâ€Type Câˆ’H Activation with Arylsiloxanes: Versatile Access to Highly <i>ortho</i>â€Decorated Biaryls. Chemistry - A European Journal, 2019, 25, 2213-2216.	3.3	27
157	Probing the orientation of porphyrin oligomers in a liquid crystal solvent â€" a triplet state electron paramagnetic resonance study. Molecular Physics, 2019, 117, 2700-2708.	1.7	0
158	Late-stage peptide Câ€"H alkylation for bioorthogonal Câ€"H activation featuring solid phase peptide synthesis. Nature Communications, 2019, 10, 3553.	12.8	62
159	Global Aromaticity and Antiaromaticity in Porphyrin Nanoring Anions. Angewandte Chemie - International Edition, 2019, 58, 15717-15720.	13.8	30
160	BODIPYâ€Labeled Cyclobutanes by Secondary C(sp 3)âˆ’H Arylations for Liveâ€Cell Imaging. Chemistry - A European Journal, 2019, 25, 12712-12718.	3.3	11
161	Artemisininâ€"(Iso)quinoline Hybrids by Câˆ’H Activation and Click Chemistry: Combating Multidrugâ€Resistant Malaria. Angewandte Chemie, 2019, 131, 13200-13213.	2.0	9
162	Cupraelectro-Catalyzed Alkyne Annulation: Evidence for Distinct Câ€"H Alkynylation and Decarboxylative Câ€"H/Câ€"C Manifolds. ACS Catalysis, 2019, 9, 7690-7696.	11.2	76

#	Article	IF	Citations
163	Identification and Reactivity of Cyclometalated Iron(II) Intermediates in Triazole-Directed Iron-Catalyzed Câ€“H Activation. Journal of the American Chemical Society, 2019, 141, 12338-12345.	13.7	39
164	Reusable Pd@PEG Catalyst for Aerobic Dehydrogenative Câˆ’H/Câˆ’H Arylations of 1,2,3â€Triazoles. Chemistry - A European Journal, 2019, 25, 11427-11431.	3.3	21
165	Artemisininâ€“(Iso)quinoline Hybrids by Câˆ’H Activation and Click Chemistry: Combating Multidrugâ€Resistant Malaria. Angewandte Chemie - International Edition, 2019, 58, 13066-13079.	13.8	78
166	Cobaltaelectro-Catalyzed Oxidative Câ€“H/Nâ€“H Activation with 1,3-Diynes by Electro-Removable Hydrazides. Organic Letters, 2019, 21, 6534-6538.	4.6	74
167	Ordering, flexibility and frustration in arrays of porphyrin nanorings. Nature Communications, 2019, 10, 2932.	12.8	16
168	Areneâ€Free Ruthenium(II/IV)â€Catalyzed Bifurcated Arylation for Oxidative Câˆ’H/Câˆ’H Functionalizations. Angewandte Chemie - International Edition, 2019, 58, 15640-15645.	13.8	38
169	Arenâ€freie Ruthenium(II/IV)â€katalysierte gegabelte Arylierungen fÃ¼r oxidative Câ€H/Câ€Hâ€Funktionalisierungen. Angewandte Chemie, 2019, 131, 15787-15792.	2.0	7
170	The Breadth and Depth of Câ€“H Functionalization. Journal of Organic Chemistry, 2019, 84, 12701-12704.	3.2	18
171	Chemodivergent Nickel(0)-Catalyzed Arene Câ€“F Activation with Alkynes: Unprecedented Câ€“F/Câ€“H Double Insertion. ACS Catalysis, 2019, 9, 11074-11081.	11.2	32
172	Understanding resonant charge transport through weakly coupled single-molecule junctions. Nature Communications, 2019, 10, 4628.	12.8	51
173	Homogeneous Catalysis is Up for the Challenge. ChemCatChem, 2019, 11, 5158-5159.	3.7	3
174	Ï€â€Extended Polyaromatic Hydrocarbons by Sustainable Alkyne Annulations through Double Câˆ’H/Nâˆ’H Activation. Chemistry - A European Journal, 2019, 25, 16246-16250.	3.3	23
175	Global Aromaticity and Antiaromaticity in Porphyrin Nanoring Anions. Angewandte Chemie, 2019, 131, 15864-15867.	2.0	10
176	Time-Resolved Structural Dynamics of Extended Ï€-Electron Porphyrin Nanoring. Journal of Physical Chemistry C, 2019, 123, 27222-27229.	3.1	6
177	Ironâ€Electrocatalyzed Câˆ’H Arylations: Mechanistic Insights into Oxidationâ€Induced Reductive Elimination for Ferraelectrocatalysis. Chemistry - A European Journal, 2019, 25, 16382-16389.	3.3	48
178	InnenrÃ¼cktitelbild: Artemisininâ€“(Iso)quinoline Hybrids by Câˆ’H Activation and Click Chemistry: Combating Multidrugâ€Resistant Malaria (Angew. Chem. 37/2019). Angewandte Chemie, 2019, 131, 13295-13295.	2.0	0
179	Copper(I)-Catalyzed Oxyamination of Î²,Î³-Unsaturated Hydrazones: Synthesis of Dihydropyrazoles. Organic Letters, 2019, 21, 7787-7790.	4.6	30
180	Spin Delocalization in the Radical Cations of Porphyrin Molecular Wires: A New Perspective on EPR Approaches. Journal of Physical Chemistry Letters, 2019, 10, 5708-5712.	4.6	7

#	Article	IF	Citations
181	Metallalkenyl, Metallacyclopropene, or Metallallylcarbenoid? Ru-Catalyzed Annulation between Benzoic Acid and Alkyne. ACS Catalysis, 2019, 9, 9387-9392.	11.2	19
182	Flow Rhodaelectro-Catalyzed Alkyne Annulations by Versatile Câ€“H Activation: Mechanistic Support for Rhodium(III/IV). Journal of the American Chemical Society, 2019, 141, 17198-17206.	13.7	126
183	Atomic Scale Imaging of Reversible Ring Cyclization in Graphene Nanoconstrictions. ACS Nano, 2019, 13, 2379-2388.	14.6	3
184	Metal Atom Markers for Imaging Epitaxial Molecular Self-Assembly on Graphene by Scanning Transmission Electron Microscopy. ACS Nano, 2019, 13, 7252-7260.	14.6	13
185	Eisenkatalysierte Câ€Hâ€Aktivierung mit Propargylacetaten: Mechanistische Einblicke in Eisen(II) durch Experiment, Kinetik, MÃ¶ssbauerâ€Spektroskopie und Berechnung. Angewandte Chemie, 2019, 131, 13006-13010.	2.0	4
186	Ironâ€Catalyzed Câˆ’H Activation with Propargyl Acetates: Mechanistic Insights into Iron(II) by Experiment, Kinetics, MÃ¶ssbauer Spectroscopy, and Computation. Angewandte Chemie - International Edition, 2019, 58, 12874-12878.	13.8	30
187	Glycopeptides by Linchâ€Pin Câˆ’H Activations for Peptideâ€Carbohydrate Conjugation by Manganese(I)â€Catalysis. Chemistry - A European Journal, 2019, 25, 10585-10589.	3.3	39
188	Synthesis of quinones with highlighted biological applications: A critical update on the strategies towards bioactive compounds with emphasis on lapachones. European Journal of Medicinal Chemistry, 2019, 179, 863-915.	5.5	51
189	Metallaelectro-Catalyzed Câ€“H Activation by Weak Coordination. Synlett, 2019, 30, 1164-1173.	1.8	49
190	Sichtbares Licht ermÃ¶glicht Rutheniumâ€katalysierte <i>meta</i>â€Câ€Hâ€Alkylierung bei Raumtemperatur. Angewandte Chemie, 2019, 131, 9925-9930.	2.0	39
191	Visibleâ€Lightâ€Enabled Rutheniumâ€Catalyzed <i>meta</i>â€Câˆ’H Alkylation at Room Temperature. Angewandte Chemie - International Edition, 2019, 58, 9820-9825.	13.8	134
192	Enantioselective Câˆ’H Activation with Earthâ€Abundant 3d Transition Metals. Angewandte Chemie - International Edition, 2019, 58, 12803-12818.	13.8	330
193	Enantioselektive Câ€Hâ€Aktivierung mit natÃ¼rlich vorkommenden 3dâ€Ãœbergangsmetallen. Angewandte Chemie, 2019, 131, 12934-12949.	2.0	107
194	Cobalt-Catalyzed Diastereoselective Difluoroalkylation/Giese Addition Domino Reactions. Organic Letters, 2019, 21, 5387-5391.	4.6	40
195	Tuning the Circumference of Six-Porphyrin Nanorings. Journal of the American Chemical Society, 2019, 141, 7965-7971.	13.7	29
196	Nickel-Catalyzed Intramolecular Direct Arylation of Imines toward Diverse Indoles. Organic Letters, 2019, 21, 3053-3056.	4.6	17
197	Unusual Length Dependence of the Conductance in Cumulene Molecular Wires. Angewandte Chemie, 2019, 131, 8466-8470.	2.0	11
198	Mizellare Katalyse fÃ¼r Ruthenium(II)â€katalysierte Câ€Hâ€Arylierung: Schwache Koordination ermÃ¶glicht Câ€Hâ€Aktivierung in H₂O. Angewandte Chemie, 2019, 131, 7569-7573.	2.0	7

#	Article	IF	Citations
199	Unusual Length Dependence of the Conductance in Cumulene Molecular Wires. Angewandte Chemie - International Edition, 2019, 58, 8378-8382.	13.8	39
200	MÃ¶ssbauer and mass spectrometry support for iron(<scp>ii</scp>) catalysts in enantioselective Câ€“H activation. Dalton Transactions, 2019, 48, 5135-5139.	3.3	26
201	Resource Economy by Metallaelectrocatalysis: Merging Electrochemistry and C H Activation. Trends in Chemistry, 2019, 1, 63-76.	8.5	174
202	Cobaltaelectroâ€Catalyzed Câ€”H Acyloxylation. Chinese Journal of Chemistry, 2019, 37, 552-556.	4.9	41
203	Directingâ€Groupâ€Free C7â€Alkylations of Nâ€Alkylindoles Mediated by Cationic Zirconium Complexes: Role of BrÃ¸nsted Acid for Catalytic Manifold. Chemistry - A European Journal, 2019, 25, 7292-7297.	3.3	8
204	Cobaltaelectroâ€Catalyzed Câ^'H Activation with Carbon Monoxide or Isocyanides. ChemSusChem, 2019, 12, 3023-3027.	6.8	70
205	Rhodaelectrocatalysis for Annulative Câ^'H Activation: Polycyclic Aromatic Hydrocarbons through Versatile Double Electrocatalysis. Angewandte Chemie, 2019, 131, 6408-6412.	2.0	28
206	Rhodaelectrocatalysis for Annulative Câ^'H Activation: Polycyclic Aromatic Hydrocarbons through Versatile Double Electrocatalysis. Angewandte Chemie - International Edition, 2019, 58, 6342-6346.	13.8	80
207	Micellar Catalysis for Ruthenium(II)â€Catalyzed Câ^'H Arylation: Weakâ€Coordinationâ€Enabled Câ^'H Activation in H₂O. Angewandte Chemie - International Edition, 2019, 58, 7490-7494.	13.8	51
208	Synthesis and Properties of Porphyrin Nanotubes. Helvetica Chimica Acta, 2019, 102, e1800211.	1.6	29
209	Biomass-Derived Solvents for Sustainable Transition Metal-Catalyzed Câ€“H Activation. ACS Sustainable Chemistry and Engineering, 2019, 7, 8023-8040.	6.7	90
210	Câ€“H functionalization reactions under flow conditions. Chemical Society Reviews, 2019, 48, 2767-2782.	38.1	94
211	Aromaticity and Antiaromaticity in the Excited States of Porphyrin Nanorings. Journal of Physical Chemistry Letters, 2019, 10, 2017-2022.	4.6	39
212	Catalyst-Free, Direct Electrochemical Tri- and Difluoroalkylation/Cyclization: Access to Functionalized Oxindoles and Quinolinones. Organic Letters, 2019, 21, 1237-1240.	4.6	110
213	Manganese(I)â€Catalyzed Câ^'H Activation/Dielsâ€“Alder/retroâ€Dielsâ€“Alder Domino Alkyne Annulation featuring Transformable Pyridines. Angewandte Chemie - International Edition, 2019, 58, 5338-5342.	13.8	54
214	Manganese(I)â€Catalyzed Câ^'H Activation/Dielsâ€“Alder/retroâ€Dielsâ€“Alder Domino Alkyne Annulation featuring Transformable Pyridines. Angewandte Chemie, 2019, 131, 5392-5396.	2.0	7
215	Lateâ€Stage Diversification through Manganeseâ€Catalyzed Câ^'H Activation: Access to Acyclic, Hybrid, and Stapled Peptides. Angewandte Chemie, 2019, 131, 3514-3518.	2.0	36
216	Lateâ€Stage Diversification through Manganeseâ€Catalyzed Câ^'H Activation: Access to Acyclic, Hybrid, and Stapled Peptides. Angewandte Chemie - International Edition, 2019, 58, 3476-3480.	13.8	84

#	Article	IF	Citations
217	Visible-Light-Induced Decarboxylative Câ€“H Adamantylation of Azoles at Ambient Temperature. Synthesis, 2019, 51, 1284-1292.	2.3	28
218	MnCl₂-Catalyzed Câ€“H Alkylation on Azine Heterocycles. Organic Letters, 2019, 21, 571-574.	4.6	35
219	3d Transition Metals for Câ€“H Activation. Chemical Reviews, 2019, 119, 2192-2452.	47.7	1,666
220	Ruthenium(II)â€Catalyzed Câ€“H Alkenylation of Quinones: Diversityâ€Oriented Strategy for Trypanocidal Compounds. European Journal of Organic Chemistry, 2019, 2019, 2344-2353.	2.4	25
221	Air-Stable Secondary Phosphine Oxides for Nickel-Catalyzed Cross-Couplings of Aryl Ethers by Câ€“O Activation. Synlett, 2019, 30, 429-432.	1.8	8
222	Electro-Oxidative Câ€“C Alkenylation by Rhodium(III) Catalysis. Journal of the American Chemical Society, 2019, 141, 2731-2738.	13.7	111
223	Rutheniumâ€Catalyzed Câ€“H Selenylations of Benzamides. European Journal of Organic Chemistry, 2019, 2019, 41-45.	2.4	35
224	Enantioselective Aluminumâ€Free Alkene Hydroarylations through Câ^'H Activation by a Chiral Nickel/JoSPOphos Manifold. Angewandte Chemie, 2019, 131, 1763-1767.	2.0	32
225	Lateâ€Stage Peptide Diversification through Cobaltâ€Catalyzed Câ^'H Activation: Sequential Multicatalysis for Stapled Peptides. Angewandte Chemie - International Edition, 2019, 58, 1684-1688.	13.8	104
226	Lateâ€Stage Peptide Diversification through Cobaltâ€Catalyzed Câ^'H Activation: Sequential Multicatalysis for Stapled Peptides. Angewandte Chemie, 2019, 131, 1698-1702.	2.0	37
227	Enantioselective Aluminumâ€Free Alkene Hydroarylations through Câ^'H Activation by a Chiral Nickel/JoSPOphos Manifold. Angewandte Chemie - International Edition, 2019, 58, 1749-1753.	13.8	79
228	Rhodium(III)â€Catalyzed Câ€“H Alkylation/Nucleophilic Addition Domino Reaction. European Journal of Organic Chemistry, 2019, 2019, 660-664.	2.4	13
229	Ruthenium(II)biscarboxylateâ€Catalyzed Hydrogenâ€Isotope Exchange by Alkene Câ^'H Activation. ChemCatChem, 2019, 11, 435-438.	3.7	23
230	Transition Metal-Catalyzed Regio-selective Aromatic Câ€"H Bond Oxidation for Câ€"O Bond Formation. Chinese Journal of Organic Chemistry, 2019, 39, 59.	1.3	18
231	Electrochemical Câ^'H Amination by Cobalt Catalysis in a Renewable Solvent. Angewandte Chemie - International Edition, 2018, 57, 5090-5094.	13.8	225
232	Electrochemical Câ^'H Amination by Cobalt Catalysis in a Renewable Solvent. Angewandte Chemie, 2018, 130, 5184-5188.	2.0	67
233	Manganeseâ€Catalyzed Carbonylative Annulations for Redoxâ€Neutral Lateâ€Stage Diversification. Angewandte Chemie - International Edition, 2018, 57, 5384-5388.	13.8	35
234	C4â€“H indole functionalisation: precedent and prospects. Chemical Science, 2018, 9, 4203-4216.	7.4	138

#	Article	IF	Citations
235	Towards Sustainable Câˆ’H Functionalization Reactions: The Emerging Role of Bioâ€Based Reaction Media. Chemistry - A European Journal, 2018, 24, 13383-13390.	3.3	42
236	Manganeseâ€Catalyzed Carbonylative Annulations for Redoxâ€Neutral Lateâ€Stage Diversification. Angewandte Chemie, 2018, 130, 5482-5486.	2.0	12
237	Manganese(II/III/I)-Catalyzed Câ€“H Arylations in Continuous Flow. ACS Catalysis, 2018, 8, 4402-4407.	11.2	49
238	Electrooxidative Rhodiumâ€Catalyzedâ€‰Câˆ’H/Câˆ’H Activation: Electricity as Oxidant for Crossâ€Dehydrogenative Alkenylation. Angewandte Chemie - International Edition, 2018, 57, 5828-5832.	13.8	178
239	Template-Directed Synthesis of a Conjugated Zinc Porphyrin Nanoball. Journal of the American Chemical Society, 2018, 140, 5352-5355.	13.7	64
240	Electrooxidative Rhodiumâ€Catalyzedâ€‰Câˆ’H/Câˆ’H Activation: Electricity as Oxidant for Crossâ€Dehydrogenative Alkenylation. Angewandte Chemie, 2018, 130, 5930-5934.	2.0	64
241	Electrooxidative Rutheniumâ€Catalyzed Câˆ’H/Oâˆ’H Annulation by Weak <i>O</i>â€Coordination. Angewandte Chemie, 2018, 130, 5920-5924.	2.0	60
242	Spironaphthoxazine switchable dyes for biological imaging. Chemical Science, 2018, 9, 3029-3040.	7.4	53
243	Areneâ€Ligandâ€Free Ruthenium(II/III) Manifold for <i>meta</i>â€Câˆ’H Alkylation: Remote Purine Diversification. Chemistry - A European Journal, 2018, 24, 3984-3988.	3.3	65
244	Sustainable Manganeseâ€Catalyzed Câˆ’H Activation/Hydroarylation of Imines. ChemCatChem, 2018, 10, 2768-2772.	3.7	19
245	Synthesis of Polyynes Using Dicobalt Masking Groups. Journal of Organic Chemistry, 2018, 83, 2077-2086.	3.2	16
246	Transient Directing Groups for Transformative Câ€“H Activation by Synergistic Metal Catalysis. CheM, 2018, 4, 199-222.	11.7	519
247	Ruthenium(<scp>ii</scp>) oxidase catalysis for Câ€“H alkenylations in biomass-derived Î³-valerolactone. Green Chemistry, 2018, 20, 398-402.	9.0	62
248	Electrochemical Câˆ’H/Nâˆ’H Activation by Waterâ€Tolerant Cobalt Catalysis at Room Temperature. Angewandte Chemie, 2018, 130, 2407-2411.	2.0	68
249	Electrochemical Câˆ’H/Nâˆ’H Activation by Waterâ€Tolerant Cobalt Catalysis at Room Temperature. Angewandte Chemie - International Edition, 2018, 57, 2383-2387.	13.8	219
250	1,4â€Iron Migration for Expedient Allene Annulations through Ironâ€Catalyzed Câˆ’H/Nâˆ’H/Câˆ’O/Câˆ’H Functionalizations. Angewandte Chemie - International Edition, 2018, 57, 7719-7723.	13.8	71
251	1,4â€Iron Migration for Expedient Allene Annulations through Ironâ€Catalyzed Câˆ’H/Nâˆ’H/Câˆ’O/Câˆ’H Functionalizations. Angewandte Chemie, 2018, 130, 7845-7849.	2.0	10
252	Electrooxidative Rutheniumâ€Catalyzed Câˆ’H/Oâˆ’H Annulation by Weak <i>O</i>â€Coordination. Angewandte Chemie - International Edition, 2018, 57, 5818-5822.	13.8	177

#	Article	IF	Citations
253	Ruthenium(II)â€Catalyzed Câˆ’H Chalcogenation of Anilides. Advanced Synthesis and Catalysis, 2018, 360, 704-710.	4.3	60
254	Sequential <i>meta</i>-/<i>ortho</i>-Câ€“H Functionalizations by One-Pot Ruthenium(II/III) Catalysis. ACS Catalysis, 2018, 8, 886-892.	11.2	115
255	Distal Weak Coordination of Acetamides in Ruthenium(II)â€Catalyzed Câˆ’H Activation Processes. Angewandte Chemie, 2018, 130, 773-776.	2.0	22
256	Internal Peptide Lateâ€Stage Diversification: Peptideâ€Isosteric Triazoles for Primary and Secondary C(sp³)â€"H Activation. Angewandte Chemie - International Edition, 2018, 57, 203-207.	13.8	121
257	Internal Peptide Lateâ€Stage Diversification: Peptideâ€Isosteric Triazoles for Primary and Secondary C(sp³)â€"H Activation. Angewandte Chemie, 2018, 130, 209-213.	2.0	44
258	Distal Weak Coordination of Acetamides in Ruthenium(II)â€Catalyzed Câˆ’H Activation Processes. Angewandte Chemie - International Edition, 2018, 57, 765-768.	13.8	83
259	Electrochemical ruthenium-catalyzed alkyne annulations by Câ€“H/Hetâ€“H activation of aryl carbamates or phenols in protic media. Chemical Communications, 2018, 54, 12879-12882.	4.1	90
260	Ruthenium-catalyzed Câ€“H oxygenation of quinones by weak O-coordination for potent trypanocidal agents. Chemical Communications, 2018, 54, 12840-12843.	4.1	48
261	Tailored homo- and hetero- lanthanide porphyrin dimers: a synthetic strategy for integrating multiple spintronic functionalities into a single molecule. Chemical Science, 2018, 9, 8474-8481.	7.4	23
262	Frontispiece: Electrochemical Cobalt-Catalyzed Câˆ’H Activation. Chemistry - A European Journal, 2018, 24, .	3.3	0
263	Versatile and robust Câ€“C activation by chelation-assisted manganese catalysis. Nature Catalysis, 2018, 1, 993-1001.	34.4	61
264	Enantioselective Cobalt(III)â€Catalyzed Câˆ’H Activation Enabled by Chiral Carboxylic Acid Cooperation. Angewandte Chemie, 2018, 130, 15651-15655.	2.0	57
265	Band Structures of Periodic Porphyrin Nanostructures. Journal of Physical Chemistry C, 2018, 122, 23790-23798.	3.1	21
266	Ruthenium(IV) Intermediates in Câˆ’H Activation/Annulation by Weak <i>O</i>â€Coordination. Chemistry - A European Journal, 2018, 24, 16548-16552.	3.3	71
267	Enantioselective Cobalt(III)â€Catalyzed Câˆ’H Activation Enabled by Chiral Carboxylic Acid Cooperation. Angewandte Chemie - International Edition, 2018, 57, 15425-15429.	13.8	177
268	Bimetallic Nickel Complexes for Aniline Câ€“H Alkylations. ACS Catalysis, 2018, 8, 11657-11662.	11.2	32
269	Nickelâ€Catalyzed Electrooxidative Câˆ’H Amination: Support for Nickel(IV). Chemistry - A European Journal, 2018, 24, 19166-19170.	3.3	107
270	Anchor Groups for Grapheneâ€Porphyrin Singleâ€Molecule Transistors. Advanced Functional Materials, 2018, 28, 1803629.	14.9	52

#	Article	IF	Citations
271	Thiocarbonyl-enabled ferrocene Câ€“H nitrogenation by cobalt(III) catalysis: thermal and mechanochemical. Beilstein Journal of Organic Chemistry, 2018, 14, 1546-1553.	2.2	44
272	Iridiumâ€Catalyzed Electrooxidative Câˆ’H Activation by Chemoselective Redoxâ€Catalyst Cooperation. Angewandte Chemie, 2018, 130, 14375-14379.	2.0	46
273	Frontispiece: Towards Sustainable Câˆ’H Functionalization Reactions: The Emerging Role of Bio-Based Reaction Media. Chemistry - A European Journal, 2018, 24, .	3.3	0
274	Iridiumâ€Catalyzed Electrooxidative Câˆ’H Activation by Chemoselective Redoxâ€Catalyst Cooperation. Angewandte Chemie - International Edition, 2018, 57, 14179-14183.	13.8	121
275	Electroremovable Traceless Hydrazides for Cobalt-Catalyzed Electro-Oxidative Câ€“H/Nâ€“H Activation with Internal Alkynes. Journal of the American Chemical Society, 2018, 140, 7913-7921.	13.7	212
276	A continuous flow approach for the Câ€“H functionalization of 1,2,3-triazoles in Î³-valerolactone as a biomass-derived medium. Green Chemistry, 2018, 20, 2888-2893.	9.0	63
277	Câ€“H/Câ€“F functionalization by E-selective ruthenium (II) catalysis. Journal of Catalysis, 2018, 364, 14-18.	6.2	7
278	Porphyrin Dyes for Nonlinear Optical Imaging of Live Cells. IScience, 2018, 4, 153-163.	4.1	21
279	Distance Measurement of a Noncovalently Bound Y@C₈₂ Pair with Double Electron Electron Resonance Spectroscopy. Journal of the American Chemical Society, 2018, 140, 7420-7424.	13.7	8
280	Weakly-coordinating <i>N</i>-oxide and carbonyl groups for metal-catalyzed Câ€“H activation: the case of A-ring functionalization. Chemical Communications, 2018, 54, 7398-7411.	4.1	59
281	Shadow Mask Templates for Siteâ€Selective Metal Exchange in Magnesium Porphyrin Nanorings. Angewandte Chemie, 2018, 130, 8000-8003.	2.0	5
282	Lateâ€Stage Peptide Diversification by Positionâ€Selective Câˆ’H Activation. Angewandte Chemie - International Edition, 2018, 57, 14700-14717.	13.8	262
283	Peptidâ€Diversifizierung durch positionsselektive Câ€Hâ€Aktivierung im spÃten Synthesestadium. Angewandte Chemie, 2018, 130, 14912-14930.	2.0	77
284	Shadow Mask Templates for Siteâ€Selective Metal Exchange in Magnesium Porphyrin Nanorings. Angewandte Chemie - International Edition, 2018, 57, 7874-7877.	13.8	13
285	Cobalt-catalyzed Câ€“H cyanations: Insights into the reaction mechanism and the role of London dispersion. Beilstein Journal of Organic Chemistry, 2018, 14, 1537-1545.	2.2	17
286	Expedient Access to 2â€Benzazepines by Palladiumâ€Catalyzed Câˆ’H Activation: Identification of a Unique Hsp90 Inhibitor Scaffold. Chemistry - A European Journal, 2018, 24, 16516-16520.	3.3	11
287	Electrooxidative Allene Annulations by Mild Cobalt-Catalyzed Câ€“H Activation. ACS Catalysis, 2018, 8, 9140-9147.	11.2	117
288	BODIPY Peptide Labeling by Lateâ€Stage C(sp³)âˆ’H Activation. Angewandte Chemie - International Edition, 2018, 57, 10554-10558.	13.8	109

#	Article	IF	Citations
289	Continuous Visibleâ€Light Photoflow Approach for a Manganeseâ€Catalyzed (Het)Arene Câˆ’H Arylation. Angewandte Chemie - International Edition, 2018, 57, 10625-10629.	13.8	83
290	Catalystâ€•and Reagentâ€Free Electrochemical Azole Câˆ’H Amination. Chemistry - A European Journal, 2018, 24, 12784-12789.	3.3	80
291	Nickel-catalyzed reductive thiolation and selenylation of unactivated alkyl bromides. Nature Communications, 2018, 9, 2240.	12.8	106
292	Continuous Visibleâ€Light Photoflow Approach for a Manganeseâ€Catalyzed (Het)Arene Câˆ’H Arylation. Angewandte Chemie, 2018, 130, 10785-10789.	2.0	23
293	Electrocatalytic Câ€“H Activation. ACS Catalysis, 2018, 8, 7086-7103.	11.2	535
294	BODIPY Peptide Labeling by Lateâ€Stage C(sp 3)âˆ’H Activation. Angewandte Chemie, 2018, 130, 10714-10718.	2.0	39
295	Electrochemical Cobaltâ€Catalyzed Câˆ’H Activation. Chemistry - A European Journal, 2018, 24, 16209-16217.	3.3	121
296	Ruthenium(II)â€Catalyzed <i>meta</i> Câˆ’H Monoâ€•and Difluoromethylations by Phosphine/Carboxylate Cooperation. Angewandte Chemie, 2017, 129, 2077-2081.	2.0	69
297	Ruthenium(II)â€Catalyzed <i>meta</i> Câˆ’H Monoâ€•and Difluoromethylations by Phosphine/Carboxylate Cooperation. Angewandte Chemie - International Edition, 2017, 56, 2045-2049.	13.8	183
298	<i>meta</i>â€Câˆ’H Bromination on Purine Bases by Heterogeneous Ruthenium Catalysis. Angewandte Chemie, 2017, 129, 1579-1582.	2.0	31
299	Bioorthogonal Diversification of Peptides through Selective Ruthenium(II)â€Catalyzed Câ€“H Activation. Angewandte Chemie - International Edition, 2017, 56, 1576-1580.	13.8	140
300	Biomass-derived solvents as effective media for cross-coupling reactions and Câ€“H functionalization processes. Green Chemistry, 2017, 19, 1601-1612.	9.0	169
301	Bioorthogonal Diversification of Peptides through Selective Ruthenium(II)â€Catalyzed Câ€“H Activation. Angewandte Chemie, 2017, 129, 1598-1602.	2.0	65
302	Lateâ€Stage Diversification of Nonâ€Steroidal Antiâ€Inflammatory Drugs by Transition Metalâ€Catalyzed Câ€“H Alkenylations, Thiolations and Selenylations. Advanced Synthesis and Catalysis, 2017, 359, 966-973.	4.3	75
303	Ruthenium(II)-Catalyzed Câ€“H Oxygenations of Reusable Sulfoximine Benzamides. Organic Letters, 2017, 19, 1278-1281.	4.6	82
304	Resolving Vibrational from Electronic Coherences in Two-Dimensional Electronic Spectroscopy: The Role of the Laser Spectrum. Physical Review Letters, 2017, 118, 033001.	7.8	37
305	Cobalt(III)-Catalyzed Hydroarylation of Allenes via Câ€“H Activation. ACS Catalysis, 2017, 7, 2511-2515.	11.2	107
306	Ironâ€Catalyzed Câˆ’H Alkynylation through Triazole Assistance: Expedient Access to Bioactive Heterocycles. Chemistry - A European Journal, 2017, 23, 3577-3582.	3.3	71

#	Article	IF	Citations
307	Manganeseâ€Catalyzed Câ^'H Alkynylation: Expedient Peptide Synthesis and Modification. Angewandte Chemie, 2017, 129, 3220-3224.	2.0	96
308	Manganeseâ€Catalyzed Câ^'H Alkynylation: Expedient Peptide Synthesis and Modification. Angewandte Chemie - International Edition, 2017, 56, 3172-3176.	13.8	253
309	Template-directed synthesis of linear porphyrin oligomers: classical, Vernier and mutual Vernier. Chemical Science, 2017, 8, 2729-2740.	7.4	26
310	Domino Câ€"H/Nâ€"H Allylations of Imidates by Cobalt Catalysis. ACS Catalysis, 2017, 7, 3430-3433.	11.2	86
311	Airâ€Stable Manganese(I)â€Catalyzed Câ^'H Activation for Decarboxylative Câ^'H/Câ^'O Cleavages in Water. Angewandte Chemie, 2017, 129, 6436-6439.	2.0	51
312	Tuning the Sensitivity of Fluorescent Porphyrin Dimers to Viscosity and Temperature. Chemistry - A European Journal, 2017, 23, 11001-11010.	3.3	34
313	Photo-induced copper-catalyzed Câ€"H chalcogenation of azoles at room temperature. Chemical Communications, 2017, 53, 5906-5909.	4.1	85
314	Câ€"F/Câ€"H Functionalization by Manganese(I) Catalysis: Expedient (Per)Fluoro-Allylations and Alkenylations. ACS Catalysis, 2017, 7, 4209-4213.	11.2	165
315	Heterogeneous Câ€"H alkenylations in continuous-flow: oxidative palladium-catalysis in a biomass-derived reaction medium. Green Chemistry, 2017, 19, 2510-2514.	9.0	89
316	Airâ€Stable Manganese(I)â€Catalyzed Câ^'H Activation for Decarboxylative Câ^'H/Câ^'O Cleavages in Water. Angewandte Chemie - International Edition, 2017, 56, 6339-6342.	13.8	133
317	Discrimination of Diverse Coherences Allows Identification of Electronic Transitions of a Molecular Nanoring. Journal of Physical Chemistry Letters, 2017, 8, 2344-2349.	4.6	43
318	Carboxylate-Enhanced Rhodium(III)-Catalyzed Aryl Câ€"H Alkylation with Conjugated Alkenes under Mild Conditions. Journal of Organic Chemistry, 2017, 82, 664-672.	3.2	52
319	Iron-Catalyzed Câ€"H Functionalization Processes. Topics in Current Chemistry Collections, 2017, , 191-224.	0.5	8
320	Full Selectivity Control in Cobalt(III)â€Catalyzed Câ^'H Alkylations by Switching of the Câ^'H Activation Mechanism. Angewandte Chemie, 2017, 129, 10514-10518.	2.0	95
321	Full Selectivity Control in Cobalt(III)â€Catalyzed Câ^'H Alkylations by Switching of the Câ^'H Activation Mechanism. Angewandte Chemie - International Edition, 2017, 56, 10378-10382.	13.8	243
322	Câ€"H Alkylations of (Hetero)Arenes by Maleimides and Maleate Esters through Cobalt(III) Catalysis. Organic Letters, 2017, 19, 3315-3318.	4.6	116
323	Quantifying the exchange coupling in linear copper porphyrin oligomers. Physical Chemistry Chemical Physics, 2017, 19, 16057-16061.	2.8	17
324	Ruthenium(II)-catalysed remote Câ€"H alkylations as a versatile platform to meta-decorated arenes. Nature Communications, 2017, 8, 15430.	12.8	130

#	Article	IF	Citations
325	Iron-catalyzed Câ€“H/Nâ€“H activation by triazole guidance: versatile alkyne annulation. Chemical Communications, 2017, 53, 6460-6463.	4.1	59
326	Ruthenium(II)-Catalyzed Câ€“H Alkynylation of Weakly Coordinating Benzoic Acids. Organic Letters, 2017, 19, 3171-3174.	4.6	56
327	Methylenecyclopropane Annulation by Manganese(I)â€Catalyzed Stereoselective Câ’H/Câ’C Activation. Angewandte Chemie - International Edition, 2017, 56, 9415-9419.	13.8	131
328	Crystal growth and characterization of the pyrochlore Tb₂Ti₂O₇. CrystEngComm, 2017, 19, 3908-3914.	2.6	11
329	Triazolylidene Ligands Allow Cobalt-Catalyzed Câ€“H/Câ€“O AlkenylÂations at Ambient Temperature. Synthesis, 2017, 49, 3476-3484.	2.3	14
330	Methylenecyclopropane Annulation by Manganese(I)â€Catalyzed Stereoselective Câ’H/Câ’C Activation. Angewandte Chemie, 2017, 129, 9543-9547.	2.0	41
331	Ruthenium(II)â€Catalyzed Câ’C Arylations and Alkylations: Decarbamoylative Câ’C Functionalizations. Angewandte Chemie, 2017, 129, 5425-5428.	2.0	13
332	Ruthenium(II)â€Catalyzed Câ’C Arylations and Alkylations: Decarbamoylative Câ’C Functionalizations. Angewandte Chemie - International Edition, 2017, 56, 5341-5344.	13.8	55
333	Recent advances in positional-selective alkenylations: removable guidance for twofold Câ€“H activation. Organic Chemistry Frontiers, 2017, 4, 1435-1467.	4.5	316
334	Constructive quantum interference in a bis-copper six-porphyrin nanoring. Nature Communications, 2017, 8, 14842.	12.8	36
335	Manganese(I)â€Catalyzed Dispersionâ€Enabled Câ’H/Câ’C Activation. Chemistry - A European Journal, 2017, 23, 5443-5447.	3.3	98
336	Expedient Câ€“H Chalcogenation of Indolines and Indoles by Positional-Selective Copper Catalysis. ACS Catalysis, 2017, 7, 1030-1034.	11.2	158
337	<i>meta</i>â€Câ’H Bromination on Purine Bases by Heterogeneous Ruthenium Catalysis. Angewandte Chemie - International Edition, 2017, 56, 1557-1560.	13.8	128
338	Porphyrinâ€“Polyyne [3]- and [5]Rotaxanes. Organic Letters, 2017, 19, 348-351.	4.6	28
339	Aromatic and antiaromatic ring currents in a molecular nanoring. Nature, 2017, 541, 200-203.	27.8	204
340	Single-Acetylene Linked Porphyrin Nanorings. Journal of the American Chemical Society, 2017, 139, 16502-16505.	13.7	75
341	Synergistic Manganese(I) Câ’H Activation Catalysis in Continuous Flow: Chemoselective Hydroarylation. Angewandte Chemie - International Edition, 2017, 56, 15063-15067.	13.8	112
342	Synergistic Manganese(I) Câ’H Activation Catalysis in Continuous Flow: Chemoselective Hydroarylation. Angewandte Chemie, 2017, 129, 15259-15263.	2.0	33

#	Article	IF	Citations
343	Thermally induced suppression of interchain interactions in dilute aqueous solutions of conjugated polyelectrolyte rotaxanes and their analogues. Applied Physics Letters, 2017, 111, 083301.	3.3	2
344	Heteromultimetallic catalysis for sustainable organic syntheses. Chemical Society Reviews, 2017, 46, 7399-7420.	38.1	135
345	Bifurcated Nickelâ€Catalyzed Functionalizations: Heteroarene Câˆ’H Activation with Allenes. Angewandte Chemie, 2017, 129, 16107-16111.	2.0	18
346	Bifurcated Nickelâ€Catalyzed Functionalizations: Heteroarene Câˆ’H Activation with Allenes. Angewandte Chemie - International Edition, 2017, 56, 15891-15895.	13.8	63
347	Frontispiece: Tuning the Sensitivity of Fluorescent Porphyrin Dimers to Viscosity and Temperature. Chemistry - A European Journal, 2017, 23, .	3.3	0
348	Asymmetric Ironâ€Catalyzed Câˆ’H Alkylation Enabled by Remote Ligand <i>meta</i>â€Substitution. Angewandte Chemie - International Edition, 2017, 56, 14197-14201.	13.8	129
349	Asymmetric Ironâ€Catalyzed Câˆ’H Alkylation Enabled by Remote Ligand <i>meta</i>â€Substitution. Angewandte Chemie, 2017, 129, 14385-14389.	2.0	104
350	Mild Decarboxylative Câˆ’H Alkylation: Computational Insights for Solventâ€Robust Ruthenium(II) Domino Manifold. Chemistry - A European Journal, 2017, 23, 17449-17453.	3.3	53
351	Scavenger templates: a systems chemistry approach to the synthesis of porphyrin-based molecular wires. Chemical Communications, 2017, 53, 10410-10413.	4.1	8
352	Nickel-catalyzed Câ€“H activation of purine bases with alkyl halides. Chemical Communications, 2017, 53, 9113-9116.	4.1	36
353	Secondary Phosphine Oxide Preligands for Palladiumâ€Catalyzed Câ€“H (Hetero)Arylations: Efficient Access to Pybox Ligands. Advanced Synthesis and Catalysis, 2017, 359, 3137-3141.	4.3	20
354	Mild Cobalt(III)â€Catalyzed Allylative Câˆ’F/Câˆ’H Functionalizations at Room Temperature. Chemistry - A European Journal, 2017, 23, 12145-12148.	3.3	95
355	MnCl₂â€Catalyzed Câˆ’H Alkylations with Alkyl Halides. Chemistry - A European Journal, 2017, 23, 11524-11528.	3.3	57
356	Selectivity Control in Ruthenium(II)-Catalyzed Câ€“H/Nâ€“O Activation with Alkynyl Bromides. Organic Letters, 2017, 19, 4620-4623.	4.6	47
357	On the Influence of the Bridge on Triplet State Delocalization in Linear Porphyrin Oligomers. Journal of the American Chemical Society, 2017, 139, 12003-12008.	13.7	22
358	Concise Synthesis of Lamellarin Alkaloids by Câ€“H/Nâ€“H Activation: Evaluation of Metal Catalysts in Oxidative Alkyne Annulation. Synlett, 2017, 28, 1715-1718.	1.8	22
359	Electrochemical Cobalt-Catalyzed Câ€“H Oxygenation at Room Temperature. Journal of the American Chemical Society, 2017, 139, 18452-18455.	13.7	298
360	A Coarse-Grained Model for Free and Template-Bound Porphyrin Nanorings. Journal of Physical Chemistry A, 2017, 121, 5907-5920.	2.5	1

#	Article	IF	Citations
361	Electronic Delocalization in the Radical Cations of Porphyrin Oligomer Molecular Wires. Journal of the American Chemical Society, 2017, 139, 10461-10471.	13.7	67
362	Tri-Substituted Triazole-Enabled Câ€“H Activation of Benzyl and Aryl Amines by Iron Catalysis. Organic Letters, 2017, 19, 3795-3798.	4.6	51
363	Unexpected Interactions between Alkyl Straps and Pyridine Ligands in Sulfur-Strapped Porphyrin Nanorings. Journal of Organic Chemistry, 2017, 82, 7446-7462.	3.2	10
364	Ruthenium(II) Biscarboxylateâ€Catalyzed Borylations of C(sp²)âˆ’H and C(sp³)âˆ’H Bonds. Chemistry - A European Journal, 2017, 23, 84-87.	3.3	37
365	Weak <i>O</i>â€Assistance Outcompeting Strong <i>N</i>,<i>N</i>â€Bidentate Directing Groups in Copperâ€Catalyzed Câˆ’H Chalcogenation. Chemistry - A European Journal, 2016, 22, 8475-8478.	3.3	62
366	Synthesis of Fiveâ€Porphyrin Nanorings by Using Ferrocene and Corannulene Templates. Angewandte Chemie, 2016, 128, 8498-8502.	2.0	20
367	Expedient Ironâ€Catalyzed Câˆ’H Allylation/Alkylation by Triazole Assistance with Ample Scope. Angewandte Chemie - International Edition, 2016, 55, 1484-1488.	13.8	176
368	Photoinduced Copperâ€Catalyzed Câˆ’H Arylation at Room Temperature. Angewandte Chemie - International Edition, 2016, 55, 4759-4762.	13.8	129
369	Câ€“H arylations of 1,2,3-triazoles by reusable heterogeneous palladium catalysts in biomass-derived Î³-valerolactone. Chemical Communications, 2016, 52, 9777-9780.	4.1	101
370	Photoinduced Copperâ€Catalyzed Câˆ’H Arylation at Room Temperature. Angewandte Chemie, 2016, 128, 4837-4840.	2.0	36
371	A General Strategy for the Nickelâ€Catalyzed Câˆ’H Alkylation of Anilines. Angewandte Chemie - International Edition, 2016, 55, 3153-3157.	13.8	117
372	Mild Câˆ’H/Câˆ’C Activation by <i>Z</i>â€Selective Cobalt Catalysis. Angewandte Chemie - International Edition, 2016, 55, 7408-7412.	13.8	166
373	Cobaltâ€Catalyzed Oxidase Câˆ’H/Nâˆ’H Alkyne Annulation: Mechanistic Insights and Access to Anticancer Agents. Chemistry - A European Journal, 2016, 22, 6759-6763.	3.3	116
374	A General Strategy for the Nickelâ€Catalyzed Câˆ’H Alkylation of Anilines. Angewandte Chemie, 2016, 128, 3205-3209.	2.0	36
375	Manganese(I)â€Catalyzed Substitutive Câˆ’H Allylation. Angewandte Chemie, 2016, 128, 7878-7881.	2.0	66
376	Mild Câˆ’H/Câˆ’C Activation by <i>Z</i>â€Selective Cobalt Catalysis. Angewandte Chemie, 2016, 128, 7534-7538.	2.0	52
377	Time resolved structural dynamics of butadiyne-linked porphyrin dimers. Structural Dynamics, 2016, 3, 023608.	2.3	9
378	Singleâ€Component Phosphinous Acid Ruthenium(II) Catalysts for Versatile Câˆ’H Activation by Metalâ€“Ligand Cooperation. Chemistry - A European Journal, 2016, 22, 1248-1252.	3.3	76

#	Article	IF	Citations
379	Amidines for Versatile Cobalt(III)-Catalyzed Synthesis of Isoquinolines through Câ€“H Functionalization with Diazo Compounds. Organic Letters, 2016, 18, 2742-2745.	4.6	147
380	Ruthenium Oxidase Catalysis for Siteâ€Selective Câ€“H Alkenylations with Ambient O₂ as the Sole Oxidant. Angewandte Chemie - International Edition, 2016, 55, 264-267.	13.8	164
381	Câ€“H carboxylation of heteroarenes with ambient CO₂. Green Chemistry, 2016, 18, 3804-3807.	9.0	77
382	Ketone-Assisted Ruthenium(II)-Catalyzed Câ€“H Imidation: Access to Primary Aminoketones by Weak Coordination. ACS Catalysis, 2016, 6, 3172-3175.	11.2	69
383	Manganese-Catalyzed Câ€“H Activation. ACS Catalysis, 2016, 6, 3743-3752.	11.2	525
384	Size-Independent Energy Transfer in Biomimetic Nanoring Complexes. ACS Nano, 2016, 10, 5933-5940.	14.6	21
385	Exploring template-bound dinuclear copper porphyrin nanorings by EPR spectroscopy. Chemical Science, 2016, 7, 6952-6960.	7.4	9
386	Iron-Catalyzed Câ€“H Functionalization Processes. Topics in Current Chemistry, 2016, 374, 57.	5.8	116
387	Nickelâ€Catalyzed Câˆ’H Chalcogenation of Anilines. Chemistry - A European Journal, 2016, 22, 14151-14154.	3.3	78
388	Nanorings with copper(<scp>ii</scp>) and zinc(<scp>ii</scp>) centers: forcing copper porphyrins to bind axial ligands in heterometallated oligomers. Chemical Science, 2016, 7, 6961-6968.	7.4	33
389	Palladiumâ€Catalyzed Câ€“H Arylation of Amides by Triazole Assistance. European Journal of Organic Chemistry, 2016, 2016, 5429-5436.	2.4	35
390	Catalystâ€Guided C=Het Hydroarylations by Manganeseâ€Catalyzed Additiveâ€Free Câˆ’H Activation. Chemistry - A European Journal, 2016, 22, 14856-14859.	3.3	74
391	Overcoming the Limitations of Câˆ’H Activation with Strongly Coordinating Nâ€Heterocycles by Cobalt Catalysis. Angewandte Chemie, 2016, 128, 10542-10546.	2.0	40
392	Photoswitchable Spiropyran Dyads for Biological Imaging. Organic Letters, 2016, 18, 3666-3669.	4.6	40
393	Cobaltâ€Catalyzed Câˆ’H Functionalizations by Imidate Assistance with Aryl and Alkyl Chlorides. Advanced Synthesis and Catalysis, 2016, 358, 2443-2448.	4.3	50
394	Overcoming the Limitations of Câˆ’H Activation with Strongly Coordinating Nâ€Heterocycles by Cobalt Catalysis. Angewandte Chemie - International Edition, 2016, 55, 10386-10390.	13.8	174
395	Amino Acid Ligands for Ruthenium(II)â€Catalyzed Câ€“H Arylation of Aryltetrazoles with Chlorides: Expedient Access to Antihypertension Drugs. European Journal of Organic Chemistry, 2016, 2016, 3700-3704.	2.4	29
396	Synergistic Heterobimetallic Manifold for Expedient Manganese(I)â€Catalyzed Câˆ’H Cyanation. Chemistry - A European Journal, 2016, 22, 17958-17961.	3.3	75

#	Article	IF	Citations
397	Ruthenium(<scp>ii</scp>)-catalyzed Câ€“H functionalizations on benzoic acids with aryl, alkenyl and alkynyl halides by weak-O-coordination. Chemical Communications, 2016, 52, 13171-13174.	4.1	73
398	Increased luminescence efficiency by synergistic exploitation of lipo/hydrophilic co-solvency and supramolecular design. Journal of Materials Chemistry C, 2016, 4, 10893-10902.	5.5	3
399	Ruthenium(II)â€Catalyzed Decarboxylative Câˆ'H Activation: Versatile Routes to <i>meta</i>â€Alkenylated Arenes. Angewandte Chemie, 2016, 128, 7043-7046.	2.0	39
400	Synthesis of Fiveâ€Porphyrin Nanorings by Using Ferrocene and Corannulene Templates. Angewandte Chemie - International Edition, 2016, 55, 8358-8362.	13.8	54
401	Ruthenium(II)â€Catalyzed Decarboxylative Câˆ'H Activation: Versatile Routes to <i>meta</i>â€Alkenylated Arenes. Angewandte Chemie - International Edition, 2016, 55, 6929-6932.	13.8	165
402	Manganese(I)â€Catalyzed Substitutive Câˆ'H Allylation. Angewandte Chemie - International Edition, 2016, 55, 7747-7750.	13.8	178
403	Heterogeneous palladium-catalysed Catellani reaction in biomass-derived Î³-valerolactone. Green Chemistry, 2016, 18, 5025-5030.	9.0	90
404	Organisation and ordering of 1D porphyrin polymers synthesised by on-surface Glaser coupling. Chemical Communications, 2016, 52, 10342-10345.	4.1	28
405	Nickel-Catalyzed Câ€“H Alkynylation of Anilines: Expedient Access to Functionalized Indoles and Purine Nucleobases. ACS Catalysis, 2016, 6, 4690-4693.	11.2	98
406	Expedient Ironâ€Catalyzed Câˆ'H Allylation/Alkylation by Triazole Assistance with Ample Scope. Angewandte Chemie, 2016, 128, 1506-1510.	2.0	51
407	Selective Synthesis of Indoles by Cobalt(III)-Catalyzed Câ€“H/Nâ€“O Functionalization with Nitrones. ACS Catalysis, 2016, 6, 2705-2709.	11.2	157
408	Heterogeneous catalytic approaches in Câ€“H activation reactions. Green Chemistry, 2016, 18, 3471-3493.	9.0	192
409	Polyyne Rotaxanes: Stabilization by Encapsulation. Journal of the American Chemical Society, 2016, 138, 1366-1376.	13.7	117
410	Experimental and computational evaluation of the barrier to torsional rotation in a butadiyne-linked porphyrin dimer. Physical Chemistry Chemical Physics, 2016, 18, 5264-5274.	2.8	57
411	Enantioselective syntheses of indanes: from organocatalysis to Câ€“H functionalization. Chemical Society Reviews, 2016, 45, 1368-1386.	38.1	125
412	Oxazolinyl-Assisted Câ€“H Amidation by Cobalt(III) Catalysis. ACS Catalysis, 2016, 6, 793-797.	11.2	216
413	Breaking the Symmetry in Molecular Nanorings. Journal of Physical Chemistry Letters, 2016, 7, 332-338.	4.6	20
414	Cobalt-Catalyzed Câ€“H Activation. ACS Catalysis, 2016, 6, 498-525.	11.2	1,073

#	Article	IF	Citations
415	A Molecular Nanotube with Threeâ€Dimensional Ï€â€Conjugation. Angewandte Chemie, 2015, 127, 7452-7456.	2.0	37
416	Fluorescence polarization measures energy funneling in single light-harvesting antennasâ€"LH2 vs conjugated polymers. Scientific Reports, 2015, 5, 15080.	3.3	22
417	Determination of the Relative Configuration of Î²â€Amino Acid Esters Based on Residual Dipolar Couplings. European Journal of Organic Chemistry, 2015, 2015, 6801-6805.	2.4	4
418	Manganese(I)â€Catalyzed Câ€"H Aminocarbonylation of Heteroarenes. Angewandte Chemie - International Edition, 2015, 54, 14137-14140.	13.8	126
419	Ruthenium(II)â€Catalyzed Cï£¿H Functionalizations with Allenes: Versatile Allenylations and Allylations. Chemistry - A European Journal, 2015, 21, 16246-16251.	3.3	110
420	Lateâ€Stage Peptide Diversification by Bioorthogonal Catalytic Cï£¿H Arylation at 23â€‰Â°C in H₂O. Chemistry - A European Journal, 2015, 21, 9980-9983.	3.3	93
421	Cobalt(III)â€Catalyzed Cï£¿H/Nï£¿O Functionalizations: Isohypsic Access to Isoquinolines. Chemistry - A European Journal, 2015, 21, 15525-15528.	3.3	180
422	Ruthenium(II)-Catalyzed Câ€"H Arylation of Azoarenes by Carboxylate Assistance. ACS Catalysis, 2015, 5, 4089-4093.	11.2	87
423	Transient EPR Reveals Triplet State Delocalization in a Series of Cyclic and Linear Ï€-Conjugated Porphyrin Oligomers. Journal of the American Chemical Society, 2015, 137, 8284-8293.	13.7	62
424	Robust Ruthenium(II)-Catalyzed Câ€"H Arylations: Carboxylate Assistance for the Efficient Synthesis of Angiotensin-II-Receptor Blockers. Organic Process Research and Development, 2015, 19, 260-269.	2.7	278
425	Ruthenium(II)-catalyzed cross-dehydrogenative Câ€"H alkenylations by triazole assistance. Tetrahedron, 2015, 71, 4543-4551.	1.9	47
426	Manganeseâ€Catalyzed Synthesis of <i>cis</i>â€Î²â€Amino Acid Esters through Organometallic Cï£¿H Activation of Ketimines. Angewandte Chemie - International Edition, 2015, 54, 4092-4096.	13.8	170
427	HYSCORE on Photoexcited Triplet States. Applied Magnetic Resonance, 2015, 46, 389-409.	1.2	8
428	Ruthenium(II)â€Catalyzed Cï£¿H Arylation of Anilides with Boronic Acids, Borinic Acids and Potassium Trifluoroborates. Advanced Synthesis and Catalysis, 2015, 357, 474-480.	4.3	53
429	Ruthenium(II)â€Catalyzed Cï£¿H Activation/Alkyne Annulation by Weak Coordination with O₂ as the Sole Oxidant. Angewandte Chemie - International Edition, 2015, 54, 5513-5517.	13.8	241
430	Caterpillar Track Complexes in Templateâ€Directed Synthesis and Correlated Molecular Motion. Angewandte Chemie, 2015, 127, 5445-5449.	2.0	38
431	Exploiting the Symmetry of the Resonator Mode to Enhance PELDOR Sensitivity. Applied Magnetic Resonance, 2015, 46, 359-368.	1.2	7
432	Cobaltâ€Catalyzed Cï£¿H Arylations with Weaklyâ€Coordinating Amides and Tetrazoles: Expedient Route to Angiotensinâ€IIâ€Receptor Blockers. Chemistry - A European Journal, 2015, 21, 5718-5722.	3.3	66

#	Article	IF	Citations
433	Structure-Directed Exciton Dynamics in Templated Molecular Nanorings. Journal of Physical Chemistry C, 2015, 119, 6414-6420.	3.1	26
434	meta- and para-Selective Câ€“H Functionalization by Câ€“H Activation. Topics in Organometallic Chemistry, 2015, , 217-257.	0.7	142
435	Unravelling the effect of temperature on viscosity-sensitive fluorescent molecular rotors. Chemical Science, 2015, 6, 5773-5778.	7.4	100
436	Carboxylate-assisted ruthenium(<scp>ii</scp>)-catalyzed Câ€“H activations of monodentate amides with conjugated alkenes. Organic Chemistry Frontiers, 2015, 2, 1035-1039.	4.5	47
437	Cumulene Rotaxanes: Stabilization and Study of [9]Cumulenes. Angewandte Chemie - International Edition, 2015, 54, 6645-6649.	13.8	91
438	Cobalt(II)-Catalyzed Oxidative Câ€“H Alkenylations: Regio- and Site-Selective Access to Isoindolin-1-one. ACS Catalysis, 2015, 5, 2822-2825.	11.2	172
439	Cobalt(III)â€Catalyzed Aryl and Alkenyl Cï£¿H Aminocarbonylation with Isocyanates and Acyl Azides. Angewandte Chemie - International Edition, 2015, 54, 8551-8554.	13.8	185
440	Ironâ€Catalyzed C(sp²)ï£¿H and C(sp³)ï£¿H Methylations of Amides and Anilides. Chemistry - A European Journal, 2015, 21, 8812-8815.	3.3	95
441	Triplet State Delocalization in a Conjugated Porphyrin Dimer Probed by Transient Electron Paramagnetic Resonance Techniques. Journal of the American Chemical Society, 2015, 137, 6670-6679.	13.7	74
442	A Molecular Nanotube with Threeâ€Dimensional Ï€â€Conjugation. Angewandte Chemie - International Edition, 2015, 54, 7344-7348.	13.8	93
443	Cï£¿H Alkenylations with Alkenyl Acetates, Phosphates, Carbonates, and Carbamates by Cobalt Catalysis at 23â€‰Â°C. Angewandte Chemie - International Edition, 2015, 54, 6352-6355.	13.8	123
444	Cobalt(III)-Catalyzed Allylation with Allyl Acetates by Câ€“H/Câ€“O Cleavage. Synlett, 2015, 26, 1596-1600.	1.8	77
445	<i>N</i>-Acyl Amino Acid Ligands for Ruthenium(II)-Catalyzed <i>meta</i>-Câ€“H <i>tert</i>-Alkylation with Removable Auxiliaries. Journal of the American Chemical Society, 2015, 137, 13894-13901.	13.7	308
446	Self-Assembly of Russian Doll Concentric Porphyrin Nanorings. Journal of the American Chemical Society, 2015, 137, 12713-12718.	13.7	111
447	Cobalt(III)-Catalyzed Câ€“H Alkynylation with Bromoalkynes under Mild Conditions. Organic Letters, 2015, 17, 5316-5319.	4.6	160
448	Efficient <i>E</i>â€Selective Transfer Semihydrogenation of Alkynes by Means of Ligandâ€Metal Cooperating Ruthenium Catalyst. Advanced Synthesis and Catalysis, 2015, 357, 2351-2357.	4.3	54
449	Following directions. Nature Chemistry, 2015, 7, 686-687.	13.6	97
450	Time-Resolved Twisting Dynamics in a Porphyrin Dimer Characterized by Two-Dimensional Electronic Spectroscopy. Journal of Physical Chemistry B, 2015, 119, 14660-14667.	2.6	26

#	Article	IF	Citations
451	Six-Coordinate Zinc Porphyrins for Template-Directed Synthesis of Spiro-Fused Nanorings. Journal of the American Chemical Society, 2015, 137, 14256-14259.	13.7	84
452	Ultrafast delocalization of excitation in synthetic light-harvesting nanorings. Chemical Science, 2015, 6, 181-189.	7.4	101
453	Ruthenium(II)â€Catalyzed Cï£¿H Acyloxylation of Phenols with Removable Auxiliary. Chemistry - A European Journal, 2015, 21, 1790-1794.	3.3	61
454	Cobaltâ€Catalyzed Cï£¿H Cyanation of Arenes and Heteroarenes. Angewandte Chemie - International Edition, 2015, 54, 3635-3638.	13.8	303
455	Silver-Mediated Alkyne Annulations by Câ€"H/Pâ€"H Functionalizations: Step-Economical Access to Benzophospholes. Synthesis, 2014, 46, 2297-2304.	2.3	30
456	Ruthenium-catalyzed ortho-Câ€"H halogenations of benzamides. Chemical Communications, 2014, 50, 1083-1085.	4.1	122
457	Chromophores in Molecular Nanorings: When Is a Ring a Ring?. Journal of Physical Chemistry Letters, 2014, 5, 4356-4361.	4.6	68
458	NMDA spikes enhance action potential generation during sensory input. Nature Neuroscience, 2014, 17, 383-390.	14.8	267
459	Influence of Oil-soaked Insulation on the Heat Loss of Thermal Oil Piping Used in High-temperature Solar Cooling Applications. Energy Procedia, 2014, 48, 739-748.	1.8	2
460	Ironâ€Catalyzed C(sp²)ï£¿H and C(sp³)ï£¿H Arylation by Triazole Assistance. Angewandte Chemie - International Edition, 2014, 53, 3868-3871.	13.8	244
461	A Catalyst with Twoâ€Coordinate Nickel: Theoretical and Catalytic Studies. European Journal of Inorganic Chemistry, 2014, 2014, 818-823.	2.0	57
462	Nickelâ€Catalyzed Cï£¿H Alkylations: Direct Secondary Alkylations and Trifluoroethylations of Arenes. Angewandte Chemie - International Edition, 2014, 53, 2477-2480.	13.8	252
463	Amidines for Versatile Ruthenium(II)â€Catalyzed Oxidative Cï£¿H Activations with Internal Alkynes and Acrylates. Chemistry - A European Journal, 2014, 20, 5403-5408.	3.3	104
464	Câ€"H nitrogenation and oxygenation by ruthenium catalysis. Chemical Communications, 2014, 50, 29-39.	4.1	359
465	Ruthenium-catalyzed oxidative alkyne annulation by Câ€"H activation on ketimines. Tetrahedron, 2014, 70, 3342-3348.	1.9	39
466	Weakly Coordinating Directing Groups for Ruthenium(II)â€•Catalyzed Cï£¿H Activation. Advanced Synthesis and Catalysis, 2014, 356, 1461-1479.	4.3	702
467	Ferrocenylalkynes for Rutheniumâ€Catalyzed Isohypsic Cï£¿H/Nï£¿O Bond Functionalizations. Advanced Synthesis and Catalysis, 2014, 356, 1619-1624.	4.3	64
468	Ruthenium(II)â€Catalyzed Synthesis of Isochromenes by Cï£¿H Activation with Weakly Coordinating Aliphatic Hydroxyl Groups. Chemistry - A European Journal, 2014, 20, 5409-5413.	3.3	60

#	Article	IF	Citations
469	Merging allylic carbonâ€“hydrogen and selective carbonâ€“carbon bond activation. Nature, 2014, 505, 199-203.	27.8	207
470	Dehydrative Câ€“H/Nâ€“OH Functionalizations in H₂O by Ruthenium(II) Catalysis: Subtle Effect of Carboxylate Ligands and Mechanistic Insight. Journal of Organic Chemistry, 2014, 79, 12070-12082.	3.2	75
471	Versatile ruthenium(ii)-catalyzed Câ€“H cyanations of benzamides. Chemical Communications, 2014, 50, 1878.	4.1	110
472	Photo-induced fluorescence quenching in conjugated polymers dispersed in solid matrices at low concentration. Journal of Materials Chemistry C, 2014, 2, 6601-6608.	5.5	24
473	Ruthenium(II)â€Catalyzed Cï£¿H Alkenylations of Sulfonic Acids, Sulfonyl Chlorides and Sulfonamides. Chemistry - A European Journal, 2014, 20, 15248-15251.	3.3	175
474	Lateâ€Stage Diversification of Peptides by Metalâ€Free Cï£¿H Arylation. Chemistry - A European Journal, 2014, 20, 13099-13102.	3.3	68
475	Aldehydeâ€Assisted Ruthenium(II)â€Catalyzed Cï£¿H Oxygenations. Angewandte Chemie - International Edition, 2014, 53, 11285-11288.	13.8	169
476	Cobalt-Catalyzed Câ€“H Arylations, Benzylations, and Alkylations with Organic Electrophiles and Beyond. Journal of Organic Chemistry, 2014, 79, 8948-8954.	3.2	341
477	Ruthenium(II)â€Catalyzed Cï£¿H Activation with Isocyanates: A Versatile Route to Phthalimides. Chemistry - A European Journal, 2014, 20, 13932-13936.	3.3	75
478	Triazoleâ€Assisted Rutheniumâ€Catalyzed Cï£¿H Arylation of Aromatic Amides. Chemistry - A European Journal, 2014, 20, 9739-9743.	3.3	68
479	Ruthenium(II)-Catalyzed C(sp³)â€“H Î±-Alkylation of Pyrrolidines. Organic Letters, 2014, 16, 1876-1879.	4.6	92
480	Carboxylate-Assisted Ruthenium-Catalyzed Alkyne Annulations by Câ€“H/Hetâ€“H Bond Functionalizations. Accounts of Chemical Research, 2014, 47, 281-295.	15.6	1,518
481	Cobaltâ€Catalyzed Cï£¿H Bond Functionalizations with Aryl and Alkyl Chlorides. Chemistry - A European Journal, 2013, 19, 10605-10610.	3.3	167
482	Ruthenium(II)â€Catalyzed Cï£¿H Alkenylations of Phenols with Removable Directing Groups. Chemistry - A European Journal, 2013, 19, 13925-13928.	3.3	98
483	Carboxylate Assistance for Catalyzed Hydroarylations of Methylenecyclopropanes. Organic Letters, 2013, 15, 4482-4484.	4.6	55
484	Dehydrogenative Crossâ€Coupling of Primary and Secondary Alcohols. Advanced Synthesis and Catalysis, 2013, 355, 3077-3080.	4.3	90
485	Inhomogeneous Quenching as a Limit of the Correlation Between Fluorescence Polarization and Conformation of Single Molecules. Journal of Physical Chemistry Letters, 2013, 4, 1053-1058.	4.6	16
486	Ligandâ€“Metal Cooperating PC(sp³)P Pincer Complexes as Catalysts in Olefin Hydroformylation. Chemistry - A European Journal, 2013, 19, 16906-16909.	3.3	41

#	Article	IF	Citations
487	Versatile Pyrrole Synthesis through Ruthenium(II)-Catalyzed Alkene Câ€“H Bond Functionalization on Enamines. Organic Letters, 2013, 15, 176-179.	4.6	180
488	Ruthenium-catalyzed Câ€“H/Oâ€“H and Câ€“H/Nâ€“H bond functionalizations: oxidative annulations of cyclopropyl-substituted alkynes. Organic and Biomolecular Chemistry, 2013, 11, 142-148.	2.8	112
489	Carboxylate-assisted ruthenium(II)-catalyzed Câ€“H arylations of 5-aryl tetrazoles: step-economical access to Valsartan. Tetrahedron, 2013, 69, 4445-4453.	1.9	47
490	Direct Câ€“H bond arylations and alkenylations with phenol-derived fluorine-free electrophiles. Catalysis Science and Technology, 2013, 3, 562-571.	4.1	138
491	Carboxylateâ€Assisted Ruthenium(II)â€Catalyzed Hydroarylations of Unactivated Alkenes through Câ€“H Cleavage. Angewandte Chemie - International Edition, 2013, 52, 3977-3980.	13.8	154
492	Ruthenium-catalyzed direct oxidative alkenylation of arenes through twofold Câ€“H bond functionalization. Chemical Science, 2013, 4, 886-896.	7.4	568
493	meta-Selective Câ€“H Bond Alkylation with Secondary Alkyl Halides. Journal of the American Chemical Society, 2013, 135, 5877-5884.	13.7	431
494	C(sp3)â€“H Bond Arylations Catalyzed by Well-Defined [Ru(O2CMes)2(p-cymene)]. Journal of Organic Chemistry, 2013, 78, 4145-4152.	3.2	45
495	Ruthenium-Catalyzed Câ€“H Oxygenation on Aryl Weinreb Amides. Organic Letters, 2013, 15, 718-720.	4.6	105
496	Expedient Câ€“H Amidations of Heteroaryl Arenes Catalyzed by Versatile Ruthenium(II) Catalysts. Organic Letters, 2013, 15, 3286-3289.	4.6	170
497	Nickel-catalyzed alkyne annulation by anilines: versatile indole synthesis by Câ€“H/Nâ€“H functionalization. Chemical Communications, 2013, 49, 6638.	4.1	176
498	<i>Ortho</i>- and <i>Para</i>-Selective Ruthenium-Catalyzed C(sp²)â€“H Oxygenations of Phenol Derivatives. Organic Letters, 2013, 15, 3484-3486.	4.6	144
499	Siteâ€Selective Catalytic C(sp²)ï£¿H Bond Azidations. Angewandte Chemie - International Edition, 2013, 52, 6576-6578.	13.8	60
500	Fluorescent polystyrene photonic crystals self-assembled with water-soluble conjugated polyrotaxanes. APL Materials, 2013, 1, .	5.1	15
501	Copper-catalyzed CuAAC/intramolecular Câ€“H arylation sequence: Synthesis of annulated 1,2,3-triazoles. Beilstein Journal of Organic Chemistry, 2012, 8, 1771-1777.	2.2	57
502	Versatile Synthesis of Isocoumarins and Î±-Pyrones by Ruthenium-Catalyzed Oxidative Câ€“H/Oâ€“H Bond Cleavages. Organic Letters, 2012, 14, 930-933.	4.6	262
503	Ruthenium-Catalyzed Alkyne Annulations with Substituted 1<i>H</i>-Pyrazoles by Câ€“H/Nâ€“H Bond Functionalizations. Organic Letters, 2012, 14, 6318-6321.	4.6	90
504	Ruthenium-Catalyzed Câ€“H Bond Oxygenations with Weakly Coordinating Ketones. Organic Letters, 2012, 14, 6206-6209.	4.6	126

#	Article	IF	Citations
505	Strong Wavelength Dependence of Hyperpolarizability in the Near-Infrared Biological Window for Second-Harmonic Generation by Amphiphilic Porphyrins. Journal of Physical Chemistry C, 2012, 116, 13781-13787.	3.1	20
506	Cationic Ruthenium(II) Catalysts for Oxidative Câ€“H/Nâ€“H Bond Functionalizations of Anilines with Removable Directing Group: Synthesis of Indoles in Water. Organic Letters, 2012, 14, 764-767.	4.6	349
507	Cationic Ruthenium Catalysts for Alkyne Annulations with Oximes by Câ€“H/Nâ€“O Functionalizations. Journal of Organic Chemistry, 2012, 77, 9190-9198.	3.2	163
508	Palladium-Catalyzed Direct Câ€“H Bond Alkynylations of Heteroarenes Using <i>gem</i>-Dichloroalkenes. Organic Letters, 2012, 14, 1824-1826.	4.6	55
509	Ruthenium-catalyzed oxidative Câ€“H alkenylation of aryl carbamates. Chemical Communications, 2012, 48, 11343.	4.1	88
510	Ruthenium-Catalyzed Câ€“H Bond Arylations of Arenes Bearing Removable Directing Groups via Six-Membered Ruthenacycles. Organic Letters, 2012, 14, 1154-1157.	4.6	160
511	Ultrafast entangling gates between nuclear spins using photoexcited triplet states. Nature Physics, 2012, 8, 596-600.	16.7	51
512	Rutheniumâ€Catalyzed Hydroarylation of Methylenecyclopropanes through Cï£¿H Bond Cleavage: Scope and Mechanism. Chemistry - A European Journal, 2012, 18, 12068-12077.	3.3	72
513	A panchromatic anthracene-fused porphyrin sensitizer for dye-sensitized solar cells. RSC Advances, 2012, 2, 6846.	3.6	59
514	Ruthenium-Catalyzed Oxidative Câ€“H Alkenylations of Anilides and Benzamides in Water. Organic Letters, 2012, 14, 728-731.	4.6	245
515	Effects of the Environment on Charge Transport in Molecular Wires. Journal of Physical Chemistry C, 2012, 116, 25213-25225.	3.1	17
516	Well-Defined Ruthenium(II) Carboxylate as Catalyst for Direct Câ€“H/Câ€“O Bond Arylations with Phenols in Water. Organic Letters, 2012, 14, 2146-2149.	4.6	142
517	Ruthenium-Catalyzed Oxidative C(sp²)â€“H Bond Hydroxylation: Site-Selective Câ€“O Bond Formation on Benzamides. Organic Letters, 2012, 14, 4210-4213.	4.6	113
518	Oxidative Alkenylation of Aromatic Esters by Ruthenium-Catalyzed Twofold Câ€“H Bond Cleavages. Organic Letters, 2012, 14, 4110-4113.	4.6	136
519	Emission Color Trajectory and White Electroluminescence Through Supramolecular Control of Energy Transfer and Exciplex Formation in Binary Blends of Conjugated Polyrotaxanes. Advanced Functional Materials, 2012, 22, 4284-4291.	14.9	50
520	Cobaltâ€Catalyzed Direct Arylation and Benzylation by Cï£¿H/Cï£¿O Cleavage with Sulfamates, Carbamates, and Phosphates. Angewandte Chemie - International Edition, 2012, 51, 8251-8254.	13.8	238
521	Palladiumâ€Catalyzed Monoâ€Î±â€Arylation of Acetone with Aryl Imidazolylsulfonates. Chemistry - A European Journal, 2012, 18, 10230-10233.	3.3	65
522	Hydroxyl-Directed Ruthenium-Catalyzed Câ€“H Bond Functionalization: Versatile Access to Fluorescent Pyrans. Organic Letters, 2012, 14, 3416-3419.	4.6	162

#	Article	IF	Citations
523	Ruthenium-catalyzed aerobic oxidative coupling of alkynes with 2-aryl-substituted pyrroles. Chemical Science, 2012, 3, 177-180.	7.4	182
524	Direct arylations of electron-deficient (hetero)arenes with aryl or alkenyl tosylates and mesylates. Chemical Communications, 2011, 47, 430-432.	4.1	139
525	Ruthenium-Catalyzed Oxidative Câ€"H Bond Alkenylations in Water: Expedient Synthesis of Annulated Lactones. Organic Letters, 2011, 13, 4153-4155.	4.6	309
526	Metal-Free Direct Arylations of Indoles and Pyrroles with Diaryliodonium Salts. Organic Letters, 2011, 13, 2358-2360.	4.6	158
527	Câ€"H Bond Arylations and Benzylations on Oxazol(in)es with a Palladium Catalyst of a Secondary Phosphine Oxide. Organic Letters, 2011, 13, 3082-3085.	4.6	86
528	Ruthenium-Catalyzed Direct Câ€"H Bond Arylations of Heteroarenes. Organic Letters, 2011, 13, 3332-3335.	4.6	274
529	Ruthenium-Catalyzed Oxidative Synthesis of 2-Pyridones through Câ€"H/Nâ€"H Bond Functionalizations. Organic Letters, 2011, 13, 3278-3281.	4.6	199
530	Ruthenium-Catalyzed Câ€"H/Nâ€"O Bond Functionalization: Green Isoquinolone Syntheses in Water. Organic Letters, 2011, 13, 6548-6551.	4.6	348
531	Palladium- and Nickel-Catalyzed Aminations of Aryl Imidazolylsulfonates and Sulfamates. Organic Letters, 2011, 13, 1784-1786.	4.6	111
532	Carboxylate-Assisted Ruthenium-Catalyzed Direct Alkylations of Ketimines. Organic Letters, 2011, 13, 1875-1877.	4.6	204
533	Carboxylate-Assisted Transition-Metal-Catalyzed Câ^'H Bond Functionalizations: Mechanism and Scope. Chemical Reviews, 2011, 111, 1315-1345.	47.7	3,087
534	<i>H</i>â€Phosphonic Acid Derivatives as Catalysts for Reversible Chain Transfer Catalyzed Polymerization (RTCP) at Ambient and High Pressure. Macromolecular Chemistry and Physics, 2011, 212, 259-265.	2.2	10
535	Selfâ€Assembled Conjugated Thiopheneâ€Based Rotaxane Architectures: Structural, Computational, and Spectroscopic Insights into Molecular Aggregation. Advanced Functional Materials, 2011, 21, 834-844.	14.9	24
536	Cyclodextrins: Highly Polarized Emission from Oriented Films Incorporating Water-Soluble Conjugated Polymers in a Polyvinyl Alcohol Matrix (Adv. Mater. 16/2011). Advanced Materials, 2011, 23, 1804-1804.	21.0	1
537	Userâ€Friendly [(Diglyme)NiBr₂]â€Catalyzed Direct Alkylations of Heteroarenes with Unactivated Alkyl Halides through Cï£¿H Bond Cleavages. Advanced Synthesis and Catalysis, 2011, 353, 3325-3329.	4.3	72
538	Transitionâ€Metalâ€Catalyzed Carboxylation of Cï£¿H Bonds. Angewandte Chemie - International Edition, 2011, 50, 3842-3844.	13.8	173
539	Rutheniumâ€Catalyzed Oxidative Annulation by Cleavage of Cï£¿H/Nï£¿H Bonds. Angewandte Chemie - International Edition, 2011, 50, 6379-6382.	13.8	440
540	Wellâ€Defined Airâ€Stable Palladium HASPO Complexes for Efficient Kumadaâ€"Corriu Crossâ€Couplings of (Hetero)Aryl or Alkenyl Tosylates. Chemistry - A European Journal, 2011, 17, 2965-2971.	3.3	79

#	Article	IF	Citations
541	Nickel-catalyzed, base-mediated amination/hydroamination reaction sequence for a modular synthesis of indoles. Journal of Organometallic Chemistry, 2011, 696, 195-201.	1.8	52
542	Presynaptic Induction and Expression of Timing-Dependent Long-Term Depression Demonstrated by Compartment-Specific Photorelease of a Use-Dependent NMDA Receptor Antagonist. Journal of Neuroscience, 2011, 31, 8564-8569.	3.6	67
543	Efficient BrÃ¸nsted Acid Catalyzed Hydrations and Hydroaminations of (Dicyclopropylmethylene)cyclopropane. Synlett, 2011, 2011, 1515-1518.	1.8	11
544	Enhanced luminescence properties of highly threaded conjugated polyelectrolytes with potassium counter-ions upon blending with poly(ethylene oxide). Journal of Applied Physics, 2010, 107, 124509.	2.5	16
545	Tetra-<i>ortho</i>-Substituted Biaryls through Palladium-Catalyzed Suzukiâˆ’Miyaura Couplings with a Diaminochlorophosphine Ligand. Organic Letters, 2010, 12, 1004-1007.	4.6	114
546	Airâ€Stable Bifunctional HASPO Preligands for Metalâ€Catalyzed Crossâ€Couplings and Direct Câ€“H Bond Arylations. Israel Journal of Chemistry, 2010, 50, 652-663.	2.3	79
547	White Electroluminescence by Supramolecular Control of Energy Transfer in Blends of Organicâ€Soluble Encapsulated Polyfluorenes. Advanced Functional Materials, 2010, 20, 272-280.	14.9	60
548	Kumadaâ€“Corriu Crossâ€Couplings with 2â€Pyridyl Grignard Reagents. Chemistry - A European Journal, 2010, 16, 3300-3303.	3.3	108
549	Air-Stable Diaminophosphine Sulfides as Preligands for Nickel-Catalyzed Cross-Couplings of Unactivated Fluoro(hetero)arenes. Synlett, 2010, 2010, 294-298.	1.8	39
550	Transition-metal-catalyzed direct arylations via Câ€“H bond cleavages. Pure and Applied Chemistry, 2010, 82, 1403-1413.	1.9	109
551	Ruthenium-Catalyzed C-H Bond Functionalizations of 1,2,3-Triazol-4-yl-Substituted Arenes: Dehydrogenative Couplings Versus Direct Arylations. Synthesis, 2010, 2010, 2245-2253.	2.3	90
552	Palladium-Catalyzed Direct Arylations, Alkenylations, and Benzylations through Câˆ’H Bond Cleavages with Sulfamates or Phosphates as Electrophiles. Organic Letters, 2010, 12, 724-726.	4.6	197
553	Air-Stable Secondary Phosphine Oxide or Chloride (Pre)Ligands for Cross-Couplings of Unactivated Alkyl Chlorides. Organic Letters, 2010, 12, 2298-2301.	4.6	76
554	Mechanistic Insight into Direct Arylations with Ruthenium(II) Carboxylate Catalysts. Organic Letters, 2010, 12, 5032-5035.	4.6	256
555	Palladium-Catalyzed Dehydrogenative Direct Arylations of 1,2,3-Triazoles. Organic Letters, 2010, 12, 2056-2059.	4.6	138
556	Regioselective syntheses of fully-substituted 1,2,3-triazoles: the CuAAC/Câ€“H bond functionalization nexus. Organic and Biomolecular Chemistry, 2010, 8, 4503.	2.8	237
557	Metal-catalyzed direct alkylations of (hetero)arenes via Câ€“H bond cleavages with unactivated alkyl halides. Chemical Communications, 2010, 46, 4866.	4.1	465
558	Laser action from a sugar-threaded polyrotaxane. Applied Physics Letters, 2009, 95, 031108.	3.3	23

#	Article	IF	Citations
559	Palladium-Catalyzed Direct Arylation-Based Domino Synthesis of Annulated N-Heterocycles Using Alkenyl or (Hetero)Aryl 1,2-Dihalides. Synthesis, 2009, 2009, 3493-3503.	2.3	73
560	Novel Domino Approach to Fluorescent Pyrimido[1,6-a]indolones. Synlett, 2009, 2009, 2273-2276.	1.8	3
561	Palladium-Catalyzed Direct C-3 Arylations of Indoles with an Air-Stable HASPO. Synlett, 2009, 2009, 808-812.	1.8	82
562	Thieme Chemistry Journal Awardees - Where Are They Now? Palladium-Catalyzed N-Arylation-Hydroamination Sequence for the Synthesis of Indoles with Sterically Demanding N-Substituents. Synlett, 2009, 2009, 1219-1222.	1.8	37
563	Palladium-Catalyzed Cross-Coupling Reactions of 2-Pyridylborates with Air-Stable HASPO Preligands. Synlett, 2009, 2009, 2852-2856.	1.8	37
564	Ultrafast All-optical Switching and Laser Action in Rotaxane. Materials Research Society Symposia Proceedings, 2009, 1230, 1.	0.1	0
565	Copperâ€Catalyzed <i>N</i>â€Arylation/Hydroamin(d)ation Domino Synthesis of Indoles and its Application to the Preparation of a Chek1/KDR Kinase Inhibitor Pharmacophore. Advanced Synthesis and Catalysis, 2009, 351, 1064-1072.	4.3	90
566	Moderne Magnesiumorganische Chemie. Neues von der Grignardâ€Reaktion. Chemie in Unserer Zeit, 2009, 43, 74-83.	0.1	34
567	Rutheniumâ€Catalyzed Direct Arylations of <i>N</i>â€Aryl 1,2,3â€Triazoles with Aryl Chlorides as Electrophiles. ChemSusChem, 2009, 2, 546-549.	6.8	101
568	Palladiumâ€Catalyzed Direct Arylations of Heteroarenes with Tosylates and Mesylates. Angewandte Chemie - International Edition, 2009, 48, 201-204.	13.8	318
569	Rutheniumâ€Catalyzed Regioselective Direct Alkylation of Arenes with Unactivated Alkyl Halides through Cï£¿H Bond Cleavage. Angewandte Chemie - International Edition, 2009, 48, 6045-6048.	13.8	301
570	Transitionâ€Metalâ€Catalyzed Direct Arylation of (Hetero)Arenes by Cï£¿H Bond Cleavage. Angewandte Chemie - International Edition, 2009, 48, 9792-9826.	13.8	2,623
571	Palladium-catalyzed sequential indole synthesis using sterically hindered amines. Tetrahedron, 2009, 65, 8930-8939.	1.9	43
572	Ruthenium-Catalyzed Direct Arylations Through Câ€"H Bond Cleavages. Topics in Current Chemistry, 2009, 292, 211-229.	4.0	221
573	Air-Stable Secondary Phosphine Oxide as Preligand for Palladium-Catalyzed Intramolecular Î±-Arylations with Chloroarenes. Organic Letters, 2009, 11, 4274-4276.	4.6	101
574	Regioselective Ruthenium-Catalyzed Direct Benzylations of Arenes through Câˆ'H Bond Cleavages. Organic Letters, 2009, 11, 4966-4969.	4.6	142
575	Catalytic Direct Arylations in Polyethylene Glycol (PEG): Recyclable Palladium(0) Catalyst for Câˆ'H Bond Cleavages in the Presence of Air. Organic Letters, 2009, 11, 4922-4925.	4.6	162
576	Influence of cyclodextrin size on fluorescence quenching in conjugated polyrotaxanes by methyl viologen in aqueous solution. Journal of Materials Chemistry, 2009, 19, 2846.	6.7	35

#	Article	IF	Citations
577	Two Titanium-Catalyzed Reaction Sequences for Syntheses of Pyrroles from (E/Z)-Chloroenynes or Î±-Haloalkynols. Organic Letters, 2009, 11, 2031-2034.	4.6	76
578	Cyclodextrinâ€Threaded Conjugated Polyrotaxanes for Organic Electronics: The Influence of the Counter Cations. Advanced Functional Materials, 2008, 18, 2419-2427.	14.9	36
579	Control of Rapid Formation of Interchain Excited States in Sugarâ€Threaded Supramolecular Wires. Advanced Materials, 2008, 20, 3218-3223.	21.0	56
580	Palladiumâ€Catalyzed Direct Arylations of 1,2,3â€Triazoles with Aryl Chlorides using Conventional Heating. Advanced Synthesis and Catalysis, 2008, 350, 741-748.	4.3	168
581	Annulation of internal alkynes through a hydroamination/aza-Heck reaction sequence for the regioselective synthesis of indoles. Tetrahedron, 2008, 64, 769-777.	1.9	55
582	[RuCl3(H2O)n]-catalyzed direct arylations. Tetrahedron, 2008, 64, 6115-6124.	1.9	129
583	Assisted Ruthenium-Catalyzed Câˆ’H Bond Activation: Carboxylic Acids as Cocatalysts for Generally Applicable Direct Arylations in Apolar Solvents. Organic Letters, 2008, 10, 2299-2302.	4.6	365
584	Dehydrative Direct Arylations of Arenes with Phenols via Ruthenium-Catalyzed Câˆ’H and Câˆ’OH Bond Functionalizations. Organic Letters, 2008, 10, 5043-5045.	4.6	158
585	Copper-Catalyzed â€œClickâ€•Reaction/Direct Arylation Sequence: Modular Syntheses of 1,2,3-Triazoles. Organic Letters, 2008, 10, 3081-3084.	4.6	320
586	Ruthenium-Catalyzed Hydroarylations of Methylenecyclopropanes: Mild Câˆ’H Bond Functionalizations with Conservation of Cyclopropane Rings. Organic Letters, 2008, 10, 3409-3412.	4.6	107
587	Phosphoric Acid Diesters as Efficient Catalysts for Hydroaminations of Nonactivated Alkenes and an Application to Asymmetric Hydroaminations. Synlett, 2008, 2008, 995-998.	1.8	62
588	Large optical nonlinearities of conjugated porphyrin polymers in the near infrared. , 2008, , .		0
589	[RuCl₃(H₂O)_n]-Catalyzed Direct Arylations with Bromides as Electrophiles. Synlett, 2007, 2007, 2833-2836.	1.8	107
590	Catalytic Arylations with Challenging Substrates: From Air-Stable HASPO Preligands to Indole Syntheses and C-H-Bond Functionalizations. Synlett, 2007, 2007, 0507-0526.	1.8	363
591	Chelation-Assisted Arylation via Câ€“H Bond Cleavage. Topics in Organometallic Chemistry, 2007, , 35-60.	0.7	158
592	Hydroaminations of unactivated alkenes with basic alkylamines: group 4 metal halide catalysts and BrÃ¸nsted-acid organocatalysts. Organic and Biomolecular Chemistry, 2007, 5, 1975-1978.	2.8	77
593	Porphyrin-Based Molecular Wires. , 2007, , .		0
594	Domino NïŁ¿H/CïŁ¿H Bond Activation: Palladium-Catalyzed Synthesis of Annulated Heterocycles Using Dichloro(hetero)arenes. Angewandte Chemie - International Edition, 2007, 46, 1627-1629.	13.8	270

#	Article	IF	Citations
595	Ruthenium(IV) Alkylidenes as Precatalysts for Direct Arylations of Alkenes with Aryl Chlorides and an Application to Sequential Catalysis. Angewandte Chemie - International Edition, 2007, 46, 6364-6367.	13.8	160
596	TiCl₄-Catalyzed Indirect Anti-Markovnikov Hydration of Alkynes:â€‰ Application to the Synthesis of Benzo[<i>b</i>]furans. Journal of Organic Chemistry, 2007, 72, 6149-6153.	3.2	126
597	Cross-coupling reactions of aryl and vinyl chlorides catalyzed by a palladium complex derived from an air-stable H-phosphonate. Chemical Communications, 2006, , 1419.	4.1	96
598	Air-Stable PinP(O)H as Preligand for Palladium-Catalyzed Kumada Couplings of Unactivated Tosylates. Organic Letters, 2006, 8, 3457-3460.	4.6	165
599	Catalytic Arylation Reactions by Cï£¿H Bond Activation with Aryl Tosylates. Angewandte Chemie - International Edition, 2006, 45, 2619-2622.	13.8	379
600	A Diaminochlorophosphine for Palladium-Catalyzed Arylations of Amines and Ketones. Angewandte Chemie - International Edition, 2006, 45, 7627-7630.	13.8	102
601	Air-stable phosphine oxides as preligands for catalytic activation reactions of C-Cl, C-F, and C-H bonds. Pure and Applied Chemistry, 2006, 78, 209-214.	1.9	123
602	One-Pot 2-Aryl/Vinylindole Synthesis Consisting of a Ruthenium-Catalyzed Hydroamination and a Palladium-Catalyzed Heck Reaction Using 2-Chloroaniline. Synlett, 2006, 2006, 3125-3129.	1.8	37
603	Air- and Moisture-Stable Secondary Phosphine Oxides as Preligands in Catalysis. Synthesis, 2006, 2006, 1557-1571.	2.3	218
604	Toward the realization of practicable materials for χ⁽³⁾ based photonic applications. , 2006, , .		0
605	Three-component indole synthesis using ortho-dihaloarenes. Tetrahedron, 2005, 61, 11311-11316.	1.9	107
606	Modular Diamino- and Dioxophosphine Oxides and Chlorides as Ligands for Transition-Metal-Catalyzed C?C and C?N Couplings with Aryl Chlorides. Angewandte Chemie - International Edition, 2005, 44, 2444-2447.	13.8	129
607	Titanium-Catalyzed Intermolecular Hydroamination of Vinylarenes. Angewandte Chemie - International Edition, 2005, 44, 5972-5974.	13.8	99
608	Efficient Aryl-(Hetero)Aryl Coupling by Activation of Cï£¿Cl and Cï£¿F Bonds Using Nickel Complexes of Air-Stable Phosphine Oxides. Angewandte Chemie - International Edition, 2005, 44, 7216-7219.	13.8	230
609	General and Efficient Indole Syntheses Based on Catalytic Amination Reactions. Organic Letters, 2005, 7, 439-442.	4.6	456
610	Phosphine Oxides as Preligands in Ruthenium-Catalyzed Arylations via Câˆ'H Bond Functionalization Using Aryl Chlorides. Organic Letters, 2005, 7, 3123-3125.	4.6	358
611	TiCl4/t-BuNH2 as the sole catalyst for a hydroamination-based Fischer indole synthesis. Tetrahedron Letters, 2004, 45, 9541-9544.	1.4	131
612	Hydroamination/Heck reaction sequence for a highly regioselective one-pot synthesis of indoles using 2-chloroaniline. Chemical Communications, 2004, , 2824.	4.1	81

#	Article	IF	Citations
613	Dramatic enhancement of intrinsic two-photon absorption in a conjugated porphyrin dimerElectronic supplementary information (ESI) available: Experimental procedures. See http://www.rsc.org/suppdata/cp/b3/b313399k/. Physical Chemistry Chemical Physics, 2004, 6, 7.	2.8	106
614	TiCl4-Catalyzed Intermolecular Hydroamination Reactions of Norbornene. Organic Letters, 2004, 6, 2515-2518.	4.6	84
615	Use of Group 4 Bis(sulfonamido) Complexes in the Intramolecular Hydroamination of Alkynes and Allenes. Journal of the American Chemical Society, 2003, 125, 11956-11963.	13.7	206
616	TiCl4-Catalyzed Intermolecular Hydroamination Reactions. Organometallics, 2003, 22, 4367-4368.	2.3	92
617	Two methods for amplifying the optical nonlinearity of a conjugated porphyrin polymer: transmetallation and self-assembly. Journal of Materials Chemistry, 2003, 13, 2796-2808.	6.7	92
618	A Highly Reactive Titanium Precatalyst for Intramolecular Hydroamination Reactions. Organic Letters, 2002, 4, 1475-1478.	4.6	146
619	Making conjugated connections to porphyrins: a comparison of alkyne, alkene, imine and azo links. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 320-329.	1.3	87
620	N-Heterocyclic carbenes can coexist with alkenes and Câ€"H acidic sites. Chemical Communications, 2001, , 2240.	4.1	56
621	Photoexcitations of Covalently Bridged Zinc Porphyrin Oligomers: Frenkel versus Wannierâ^'Mott Type Excitons. Journal of Physical Chemistry B, 2001, 105, 97-104.	2.6	65
622	Synthesis of fluorescent stilbene and tolan rotaxanes by Suzuki coupling. Chemical Communications, 2001, , 493-494.	4.1	82
623	Synthesis and third order nonlinear optics of a new soluble conjugated porphyrin polymer. Journal of Materials Chemistry, 2001, 11, 312-320.	6.7	111
624	Enhanced chemical reversibility of redox processes in cyanine dye rotaxanes. Chemical Communications, 2001, , 1046-1047.	4.1	53
625	Olefin Metathesis in Supercritical Carbon Dioxide. Journal of the American Chemical Society, 2001, 123, 9000-9006.	13.7	186
626	Exploiting the Reversibility of Olefin Metathesis. Syntheses of Macrocyclic Trisubstituted Alkenes and (R,R)-(â^')-Pyrenophorin. Organic Letters, 2001, 3, 449-451.	4.6	125
627	Comparative Investigation of Ruthenium-Based Metathesis Catalysts Bearing N-Heterocyclic Carbene (NHC) Ligands. Chemistry - A European Journal, 2001, 7, 3236-3253.	3.3	432
628	Simple New Three-component Catalytic System for Enyne Metathesis. Synlett, 2001, 2001, 0397-0399.	1.8	49
629	Ruthenium Carbene Complexes with Imidazol-2-ylidene Ligands: Syntheses of Conduritol Derivatives Reveals Superior RCM Activity. Tetrahedron, 2000, 56, 2195-2202.	1.9	92
630	Rotaxane-encapsulated cyanine dyes: enhanced fluorescence efficiency and photostability. Chemical Communications, 2000, , 905-906.	4.1	134

#	Article	IF	Citations
631	Ruthenium Carbene Complexes withN,Nâ€˜-Bis(mesityl)imidazol-2-ylidene Ligands:Â RCM Catalysts of Extended Scope. Journal of Organic Chemistry, 2000, 65, 2204-2207.	3.2	430
632	Ruthenium carbene complexes with imidazolin-2-ylidene ligands allow the formation of tetrasubstituted cycloalkenes by RCM. Tetrahedron Letters, 1999, 40, 4787-4790.	1.4	417
633	Mechanistic studies on PET-oxidative cyclization of unsaturated silyl enol ethers: dependence of the regioselectivity on alcohol addition and pressure effects. Journal of the Chemical Society Perkin Transactions II, 1999, , 863-870.	0.9	16
634	A most user-friendly protocol for ring closing metathesis reactions. Chemical Communications, 1999, , 95-96.	4.1	100
635	Cooperative Self-Assembly of Double-Strand Conjugated Porphyrin Ladders. Journal of the American Chemical Society, 1999, 121, 11538-11545.	13.7	366
636	Interaction of Methane with a [Li]0Center on MgO(100):Â HF, Post-HF, and DFT Cluster Model Studies. Journal of Physical Chemistry B, 1997, 101, 10028-10034.	2.6	21
637	Modelling of structure, sorption, synthesis and reactivity in catalytic systems1Communication presented at the First Francqui Colloquium, Brussels, 19â€“20 February 1996.1. Journal of Molecular Catalysis A, 1997, 115, 431-448.	4.8	13
638	Arylation Reactions: A Historical Perspective. , 0, , 1-23.		9
639	Triazole-Enabled Ruthenium(II) Carboxylate-Catalyzed Câ€“H Arylation with Electron-Deficient Aryl Halides. Synlett, 0, , .	1.8	2
640	Strategy for Siteâ€•and Chemoselective Câ€“H Alkenylation through Osmaelectrooxidative Catalysis. Angewandte Chemie, 0, , .	2.0	8
641	Synthese von C â€Oligosacchariden via vielseitiger C(sp 3)â€Hâ€Glykosylierung von Glykosiden. Angewandte Chemie, 0, , .	2.0	7
642	Polyyne [3]Rotaxanes: Synthesis via Dicobalt Carbonyl Complexes and Enhanced Stability. Angewandte Chemie, 0, , .	2.0	5
643	Rhodaelektroâ€katalysierte <i>peri</i> â€selektive direkte Alkenylierungen mit schwacher <i>O</i> â€Koordination ermÃ¶glicht durch die Wasserstoffbildungsreaktion (HER). Angewandte Chemie, 0, , .	2.0	2
644	Distale Ruthenaelektroâ€katalysierte <i>meta</i> â€Câ^’Hâ€Bromierung mit wÃssriger HBr. Angewandte Chemie, 0, , .	2.0	2
645	Photoâ€Induced Rutheniumâ€Catalyzed Double Remote C(sp2)â^’H/ C(sp3)â^’H Functionalizations by Radical Relay. Angewandte Chemie, 0, , .	2.0	2