Debabrata Maiti

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1606390/publications.pdf

Version: 2024-02-01

266 papers	16,665 citations	10389 72 h-index	24982 109 g-index
352 all docs	352 docs citations	352 times ranked	10520 citing authors

#	Article	IF	Citations
1	Toolbox for Distal Câ€“H Bond Functionalizations in Organic Molecules. Chemical Reviews, 2022, 122, 5682-5841.	47.7	237
2	Recent Developments in Hydrodecyanation and Decyanative Functionalization Reactions. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	8
3	Trifluoroethanol as a Unique Additive for the Chemoselective Electrooxidation of Enamines to Access Unsymmetrically Substituted NHâ€Pyrroles. Angewandte Chemie - International Edition, 2022, 61, .	13.8	25
4	Trifluoroethanol as a Unique Additive for the Chemoselective Electrooxidation of Enamines to Access Unsymmetrically Substituted NHâ€Pyrroles. Angewandte Chemie, 2022, 134, .	2.0	2
5	Sustainable Câ€“H functionalization under ball-milling, microwave-irradiation and aqueous media. Green Chemistry, 2022, 24, 2296-2320.	9.0	20
6	Pd-catalysed Câ€“H functionalisation of free carboxylic acids. Chemical Science, 2022, 13, 2551-2573.	7.4	26
7	Catalytic Câ€“H Activation via Fourâ€Membered Metallacycle Intermediate. Helvetica Chimica Acta, 2022, 105, .	1.6	1
8	Emergence of Pyrimidine-Based meta-Directing Group: Journey from Weak to Strong Coordination in Diversifying meta-Câ€“H Functionalization. Accounts of Chemical Research, 2022, 55, 354-372.	15.6	41
9	Photoinduced Regioselective Olefination of Arenes at Proximal and Distal Sites. Journal of the American Chemical Society, 2022, 144, 1929-1940.	13.7	54
10	Group 6 transition metal-based molecular complexes for sustainable catalytic CO₂activation. Catalysis Science and Technology, 2022, 12, 390-408.	4.1	8
11	Strategies to transform remote C(sp3)-H bonds of amino acid derivatives. , 2022, 1, 100005.		18
12	Eneâ€Reductase: A Multifaceted Biocatalyst in Organic Synthesis. Chemistry - A European Journal, 2022, 28, .	3.3	23
13	Traditional and sustainable approaches for the construction of Câ€“C bonds by harnessing Câ€“H arylation. Nature Communications, 2022, 13, 1085.	12.8	42
14	Câ€“H deuteration of organic compounds and potential drug candidates. Chemical Society Reviews, 2022, 51, 3123-3163.	38.1	85
15	Modern Palladium-Catalyzed Transformations Involving Câ€“H Activation and Subsequent Annulation. ACS Catalysis, 2022, 12, 5217-5230.	11.2	27
16	Frontispiece: Eneâ€Reductase: A Multifaceted Biocatalyst in Organic Synthesis. Chemistry - A European Journal, 2022, 28, .	3.3	0
17	Directing group assisted rhodium catalyzed meta-Câ€“H alkynylation of arenes. Chemical Science, 2022, 13, 5616-5621.	7.4	16
18	Ligand-promoted palladium-catalyzed Î²-methylene Câ€“H arylation of primary aldehydes. Chemical Science, 2022, 13, 5938-5943.	7.4	8

#	Article	IF	Citations
19	Recent developments in first-row transition metal complex-catalyzed CO₂ hydrogenation. Dalton Transactions, 2022, 51, 8160-8168.	3.3	11
20	Câ€“H activation: A strategic approach toward lactams using transition metals. Chem Catalysis, 2022, 2, 1046-1083.	6.1	7
21	Câ^'H Methylation Using Sustainable Approaches. Catalysts, 2022, 12, 510.	3.5	4
22	Dual Ligand Enabled Nondirected Câ€“H Chalcogenation of Arenes and Heteroarenes. Journal of the American Chemical Society, 2022, 144, 12032-12042.	13.7	30
23	Expanding chemical space by para-Câ^'H arylation of arenes. Nature Communications, 2022, 13, .	12.8	17
24	An Unprecedented Valorisation of Marble Slurry Waste Material as Solid Support for Palladiumâ€Catalysed Heck and Suzuki Reactions. ChemistrySelect, 2022, 7, .	1.5	3
25	Transition-metal-catalyzed Câ€“H allylation reactions. CheM, 2021, 7, 555-605.	11.7	99
26	Recent development in transition metal-catalysed Câ€“H olefination. Chemical Science, 2021, 12, 2735-2759.	7.4	134
27	Noncovalent interactions in Ir-catalyzed remote Câ€“H borylation: a recent update. Organic Chemistry Frontiers, 2021, 8, 4349-4358.	4.5	20
28	Hexafluoroisopropanol: the magical solvent for Pd-catalyzed Câ€“H activation. Chemical Science, 2021, 12, 3857-3870.	7.4	135
29	Manganese-Catalyzed Electrochemical Tandem Azidationâ€“Coarctate Reaction: Easy Access to 2-Azo-benzonitriles. Organic Letters, 2021, 23, 1742-1747.	4.6	27
30	Organopalladium Intermediates in Coordination-Directed C(sp3)-H Functionalizations. Trends in Chemistry, 2021, 3, 188-203.	8.5	13
31	Manganeseâ€catalyzed Electroâ€oxidative Azidationâ€annulation Cascade to Access Oxindoles and Quinolinones. Chemistry - an Asian Journal, 2021, 16, 748-752.	3.3	13
32	Imine as a linchpin approach for meta-Câ€“H functionalization. Nature Communications, 2021, 12, 1393.	12.8	50
33	Construction of Highly Functionalized Xanthones via Rh-Catalyzed Cascade Câ€“H Activation/O-Annulation. Organic Letters, 2021, 23, 2465-2470.	4.6	22
34	Recent Advances in External-Directing-Group-Free Câ€“H Functionalization of Carboxylic Acids without Decarboxylation. ACS Catalysis, 2021, 11, 4205-4229.	11.2	67
35	Transition-Metal-Catalyzed Câ€“H Arylation Using Organoboron Reagents. Synthesis, 2021, 53, 3151-3179.	2.3	4
36	Arene diversification through distal C(sp ²)â^'H functionalization. Science, 2021, 372, .	12.6	230

#	Article	IF	Citations
37	Effect of the Ligand Backbone on the Reactivity and Mechanistic Paradigm of Nonâ€Heme Iron(IV)â€Oxo during Olefin Epoxidation. Angewandte Chemie, 2021, 133, 14149-14158.	2.0	4
38	Synergistic Effect of NiLDH@YZ Hybrid and Mechanochemical Agitation on Glaser Homocoupling Reaction. Chemistry - A European Journal, 2021, 27, 8875-8885.	3.3	12
39	Effect of the Ligand Backbone on the Reactivity and Mechanistic Paradigm of Nonâ€Heme Iron(IV)â€Oxo during Olefin Epoxidation. Angewandte Chemie - International Edition, 2021, 60, 14030-14039.	13.8	12
40	Accessing C2â€Functionalized 1,3â€(Benz)azoles through Transition Metalâ€Catalyzed Câ^'H Activation. Chemistry - A European Journal, 2021, 27, 10533-10557.	3.3	19
41	Decoding Directing Groups and Their Pivotal Role in Câ^'H Activation. Chemistry - A European Journal, 2021, 27, 12453-12508.	3.3	71
42	Ligandâ€Enabled Î²â€C(sp³)â^'H Borylation of Aliphatic Amines. Angewandte Chemie - International Edition, 2021, 60, 18194-18200.	13.8	17
43	Ligandâ€Enabled Î²â€C(sp³)â^'H Borylation of Aliphatic Amines. Angewandte Chemie, 2021, 133, 18342-18348.	2.0	4
44	Transient directing ligands for selective metal-catalysed Câ€“H activation. Nature Reviews Chemistry, 2021, 5, 646-659.	30.2	65
45	Frontispiece: Accessing C2â€Functionalized 1,3â€(Benz)azoles through Transition Metalâ€Catalyzed Câ^'H Activation. Chemistry - A European Journal, 2021, 27, .	3.3	0
46	Copper Mediated Chemoâ€and Stereoselective Cyanation Reactions. Asian Journal of Organic Chemistry, 2021, 10, 1897-1937.	2.7	6
47	Deciphering the Role of Silver in Palladium-Catalyzed Câ€“H Functionalizations. ACS Catalysis, 2021, 11, 9702-9714.	11.2	46
48	Supported Metal Nanoparticles Assisted Catalysis: A Broad Concept in Functionalization of Ubiquitous Câ^'H Bonds. ChemCatChem, 2021, 13, 4655-4678.	3.7	13
49	Frontispiece: Decoding Directing Groups and Their Pivotal Role in Câ^'H Activation. Chemistry - A European Journal, 2021, 27, .	3.3	0
50	Transitionâ€Metalâ€Catalyzed Selective Alkynylation of Câ^'H Bonds. Advanced Synthesis and Catalysis, 2021, 363, 4994-5027.	4.3	26
51	Recent Advances in the Nitration of Olefins. Chemical Record, 2021, 21, 2896-2908.	5.8	9
52	Câ€“CN bond formation: an overview of diverse strategies. Chemical Communications, 2021, 57, 2210-2232.	4.1	38
53	Transition metal catalyzed Câ€“H bond activation by exo-metallacycle intermediates. Chemical Communications, 2021, 57, 11885-11903.	4.1	7
54	Organic synthesis with the most abundant transition metalâ€“iron: from rust to multitasking catalysts. Chemical Society Reviews, 2021, 50, 243-472.	38.1	175

#	Article	IF	Citations
55	Removal and modification of directing groups used in metal-catalyzed Câ€“H functionalization: the magical step of conversion into â€˜conventionalâ€™ functional groups. Organic and Biomolecular Chemistry, 2021, 19, 525-547.	2.8	35
56	Recent advances in the incorporation of CO₂ for Câ€“H and Câ€“C bond functionalization. Green Chemistry, 2021, 23, 9283-9317.	9.0	17
57	Ligand-redox assisted nickel catalysis toward stereoselective synthesis of (n+1)-membered cycloalkanes from 1,n-diols with methyl ketones. Chemical Science, 2021, 12, 14217-14223.	7.4	19
58	Synthesis of Polysubstituted Furans through Electrochemical Selenocyclization of Homopropargylic Alcohols. Journal of Organic Chemistry, 2021, 86, 16084-16094.	3.2	30
59	Highly Diastereoselective Synthesis of Dihydroâ€benzoimidazoâ€[1,3]â€thiazines via Electroâ€oxidative Selenocyclization of Thioallyl Benzoimidazoles. Chemistry - an Asian Journal, 2021, 16, 3895-3899.	3.3	19
60	Enabling the Facile Synthesis of Arenes by Transition Metal Catalyzed Decarbonylation Methodology. Chemical Record, 2021, , .	5.8	3
61	Direct Câ€“E (E = Boron, Halogen, Oxygen) Bond Formation Through Câ€“H Activation. , 2021, , .		1
62	Polyoxomolybdate (POM) nanoclusters with radiosensitizing and scintillating properties for low dose X-ray inducible radiation-radiodynamic therapy. Nanoscale Horizons, 2020, 5, 109-118.	8.0	29
63	Electrochemical Chalcogenation of Î²,Î³â€Unsaturated Amides and Oximes to Corresponding Oxazolines and Isoxazolines. Advanced Synthesis and Catalysis, 2020, 362, 1046-1052.	4.3	62
64	Alkyne Linchpin Strategy for Drug:Pharmacophore Conjugation: Experimental and Computational Realization of a Meta-Selective Inverse Sonogashira Coupling. Journal of the American Chemical Society, 2020, 142, 3762-3774.	13.7	111
65	Evolution of strept(avidin)-based artificial metalloenzymes in organometallic catalysis. Chemical Communications, 2020, 56, 14519-14540.	4.1	2
66	Diverse strategies for transition metal catalyzed distal C(sp³)â€“H functionalizations. Chemical Science, 2020, 11, 10887-10909.	7.4	68
67	Transition Metal Catalyzed Enantioselective C(sp²)â€“H Bond Functionalization. ACS Catalysis, 2020, 10, 13748-13793.	11.2	177
68	Frontispiece: Transition Metal Promoted Cascade Heterocycle Synthesis through Câ^'H Functionalization. Chemistry - A European Journal, 2020, 26, .	3.3	0
69	Fe-Catalyzed Aziridination Is Governed by the Electron Affinity of the Active Imido-Iron Species. ACS Catalysis, 2020, 10, 10010-10020.	11.2	42
70	paraâ€Selective Arylation of Arenes: A Direct Route to Biaryls by Norbornene Relay Palladation. Angewandte Chemie - International Edition, 2020, 59, 20831-20836.	13.8	38
71	paraâ€Selective Arylation of Arenes: A Direct Route to Biaryls by Norbornene Relay Palladation. Angewandte Chemie, 2020, 132, 21017-21022.	2.0	15
72	Transition Metals and Transition Metals/Lewis Acid Cooperative Catalysis for Directing Group Assisted para-Câ€“H Functionalization. Chemistry Letters, 2020, 49, 1406-1420.	1.3	28

#	Article	IF	Citations
73	A direct route to six and seven membered lactones via Î³-C(sp³)â€“H activation: a simple protocol to build molecular complexity. Chemical Science, 2020, 11, 9697-9702.	7.4	55
74	A directing group-assisted ruthenium-catalyzed approach to access meta-nitrated phenols. Chemical Communications, 2020, 56, 7100-7103.	4.1	24
75	Palladium-Catalyzed meta-Câ€“H Allylation of Arenes: A Unique Combination of a Pyrimidine-Based Template and Hexafluoroisopropanol. Journal of the American Chemical Society, 2020, 142, 12453-12466.	13.7	82
76	Transition Metal Promoted Cascade Heterocycle Synthesis through Câˆ’H Functionalization. Chemistry - A European Journal, 2020, 26, 9749-9783.	3.3	66
77	Paraâ€Selective Cyanation of Arenes by Hâ€Bonded Template. Chemistry - A European Journal, 2020, 26, 11558-11564.	3.3	36
78	An Update on Distal C(sp³)âˆ’H Functionalization Involving 1,5â€HAT Emerging from Nitrogen Radicals. Israel Journal of Chemistry, 2020, 60, 303-312.	2.3	23
79	Copper in Efficient Synthesis of Aromatic Heterocycles with Single Heteroatom. European Journal of Organic Chemistry, 2020, 2020, 6859-6869.	2.4	15
80	Highvalent 3d metal-oxo mediated Câ€“H halogenation: Biomimetic approaches. Coordination Chemistry Reviews, 2020, 408, 213174.	18.8	28
81	Regioselective Câ€“H Sulfonylation of 2H-Indazoles by Electrosynthesis. Journal of Organic Chemistry, 2020, 85, 3699-3708.	3.2	76
82	Diverse meta-Câ€“H Functionalization of Amides. ACS Catalysis, 2020, 10, 5347-5352.	11.2	28
83	Ultrasoundâ€Facilitated Direct meta â€Câˆ’H Functionalization of Arenes: A Timeâ€Economical Strategy under Ambient Temperature with Improved Yield and Selectivity. Chemistry - A European Journal, 2020, 26, 11426-11430.	3.3	10
84	Mechanochemical Synthesis of Functionalized Quinolines by Iodine Mediated Oxidative Annulation. Chemistry - an Asian Journal, 2020, 15, 577-580.	3.3	7
85	Overriding ortho selectivity by template assisted meta-Câ€“H activation of benzophenones. Chemical Communications, 2020, 56, 7281-7284.	4.1	14
86	Ligandâ€Enabled Pd II â€Catalyzed Iterative Î³â€C(sp3)âˆ’H Arylation of Free Aliphatic Acid. Angewandte Chemie, 2019, 131, 13911-13915.	2.0	21
87	Access to Multifunctionalized Benzofurans by Aryl Nickelation of Alkynes: Efficient Synthesis of the Antiâ€Arrhythmic Drug Amiodarone. Angewandte Chemie - International Edition, 2019, 58, 15808-15812.	13.8	53
88	Coordination Assisted Distal Câˆ’H Alkylation of Fused Heterocycles. Angewandte Chemie - International Edition, 2019, 58, 13808-13812.	13.8	45
89	Coordination Assisted Distal Câˆ’H Alkylation of Fused Heterocycles. Angewandte Chemie, 2019, 131, 13946-13950.	2.0	13
90	Ligandâ€Enabled Pd^{II}â€Catalyzed Iterative Î³â€C(sp3)âˆ’H Arylation of Free Aliphatic Acid. Angewandte Chemie - International Edition, 2019, 58, 13773-13777.	13.8	88

#	Article	IF	Citations
91	Cobalt-Catalyzed C(sp²)â€“H Allylation of Biphenyl Amines with Unbiased Terminal Olefins. Organic Letters, 2019, 21, 8842-8846.	4.6	54
92	Baseâ€Promoted Aerobic Oxidation/Homolytic Aromatic Substitution Cascade toward the Synthesis of Phenanthridines. Advanced Synthesis and Catalysis, 2019, 361, 4941-4948.	4.3	14
93	Access to Multifunctionalized Benzofurans by Aryl Nickelation of Alkynes: Efficient Synthesis of the Antiâ€Arrhythmic Drug Amiodarone. Angewandte Chemie, 2019, 131, 15955-15959.	2.0	17
94	Orthogonal Selectivity in Câ€“H Olefination: Synthesis of Branched Vinylarene with Unactivated Aliphatic Substitution. ACS Catalysis, 2019, 9, 9606-9613.	11.2	30
95	Role of hexafluoroisopropanol in Câ€“H activation. Reaction Chemistry and Engineering, 2019, 4, 244-253.	3.7	105
96	Fabrication of an amyloid fibril-palladium nanocomposite: a sustainable catalyst for Câ€“H activation and the electrooxidation of ethanol. Journal of Materials Chemistry A, 2019, 7, 4486-4493.	10.3	28
97	Palladiumâ€Catalyzed Directed metaâ€Selective Câˆ’H Allylation of Arenes: Unactivated Internal Olefins as Allyl Surrogates. Angewandte Chemie, 2019, 131, 10461-10468.	2.0	24
98	Palladiumâ€Catalyzed Directed metaâ€Selective Câˆ’H Allylation of Arenes: Unactivated Internal Olefins as Allyl Surrogates. Angewandte Chemie - International Edition, 2019, 58, 10353-10360.	13.8	76
99	Direct metaâ€Câˆ’H Perfluoroalkenylation of Arenes Enabled by a Cleavable Pyrimidineâ€Based Template. Chemistry - A European Journal, 2019, 25, 10323-10327.	3.3	40
100	Rhodium catalyzed template-assisted distal para-Câ€“H olefination. Chemical Science, 2019, 10, 7426-7432.	7.4	75
101	Regioselective Synthesis of Fused Furans by Decarboxylative Annulation of Î±,Î²â€Alkenyl Carboxylic Acid with Cyclic Ketone: Synthesis of Diâ€Heteroaryl Derivatives. Angewandte Chemie, 2019, 131, 11155-11159.	2.0	8
102	Regioselective Synthesis of Fused Furans by Decarboxylative Annulation of Î±,Î²â€Alkenyl Carboxylic Acid with Cyclic Ketone: Synthesis of Diâ€Heteroaryl Derivatives. Angewandte Chemie - International Edition, 2019, 58, 11039-11043.	13.8	40
103	Palladium-Catalyzed Template Directed C-5 Selective Olefination of Thiazoles. Journal of Organic Chemistry, 2019, 84, 8315-8321.	3.2	35
104	Bismuth nitrate as a source of nitro radical in ipso-nitration of carboxylic acids. Polyhedron, 2019, 172, 120-124.	2.2	13
105	Photocatalyzed borylation using water-soluble quantum dots. Chemical Communications, 2019, 55, 6201-6204.	4.1	38
106	Multifunctional nano-graphene based nanocomposites for multimodal imaging guided combined radioisotope therapy and chemotherapy. Carbon, 2019, 149, 55-62.	10.3	32
107	Iterative Arylation of Amino Acids and Aliphatic Amines via Î´â€C(sp³)âˆ’H Activation: Experimental and Computational Exploration. Angewandte Chemie, 2019, 131, 5689-5694.	2.0	26
108	Palladiumâ€Catalyzed Selective metaâ€Câˆ’H Deuteration of Arenes: Reaction Design and Applications. Chemistry - A European Journal, 2019, 25, 9433-9437.	3.3	46

#	Article	IF	Citations
109	Holoâ€Lactoferrin Modified Liposome for Relieving Tumor Hypoxia and Enhancing Radiochemotherapy of Cancer. Small, 2019, 15, e1803703.	10.0	43
110	Iterative Arylation of Amino Acids and Aliphatic Amines via Îˆâ€C(sp³)âˆ'H Activation: Experimental and Computational Exploration. Angewandte Chemie - International Edition, 2019, 58, 5633-5638.	13.8	90
111	Recent advances in cobalt-catalysed Câ€“H functionalizations. Organic and Biomolecular Chemistry, 2019, 17, 10119-10141.	2.8	94
112	Palladium Catalyzed Regioselective C4â€Arylation and Olefination of Indoles and Azaindoles. Advanced Synthesis and Catalysis, 2019, 361, 1441-1446.	4.3	73
113	Trifluoromethylation of Allenes: An Expedient Access to Îˆâ€Trifluoromethylated Enones at Room Temperature. Chemistry - A European Journal, 2019, 25, 750-753.	3.3	27
114	Accessing Remote metaâ€•and paraâ€C(sp²)âˆ'H Bonds with Covalently Attached Directing Groups. Angewandte Chemie - International Edition, 2019, 58, 10820-10843.	13.8	273
115	Zugang zu metaâ€•und paraâ€C(sp²)â€Hâ€Bindungen mithilfe kovalent gebundener dirigierender Gruppen. Angewandte Chemie, 2019, 131, 10934-10958.	2.0	56
116	Promoting Highly Diastereoselective Îˆ-Câ€“H Chalcogenation of Îˆ-Amino Acids and Aliphatic Carboxylic Acids. ACS Catalysis, 2018, 8, 2664-2669.	11.2	87
117	Rutheniumâ€Catalyzed Aerobic Oxidation of Amines. Chemistry - an Asian Journal, 2018, 13, 2138-2148.	3.3	45
118	Synthesis of Polysubstituted Quinolines from Îˆ-2-Aminoaryl Alcohols Via Nickel-Catalyzed Dehydrogenative Coupling. Journal of Organic Chemistry, 2018, 83, 2309-2316.	3.2	107
119	Biomimetic Copper Sulfide for Chemoâ€Radiotherapy: Enhanced Uptake and Reduced Efflux of Nanoparticles for Tumor Cells under Ionizing Radiation. Advanced Functional Materials, 2018, 28, 1705161.	14.9	75
120	Rutheniumâ€Mediated Distal Câˆ'H Activation. Chemistry - an Asian Journal, 2018, 13, 2243-2256.	3.3	44
121	Diverse metaâ€Câˆ'H Functionalization of Arenes across Different Linker Lengths. Angewandte Chemie, 2018, 130, 7785-7789.	2.0	19
122	Diverse metaâ€Câˆ'H Functionalization of Arenes across Different Linker Lengths. Angewandte Chemie - International Edition, 2018, 57, 7659-7663.	13.8	94
123	Highly Selective Rutheniumâ€Catalyzed Direct Oxygenation of Amines to Amides. Chemistry - A European Journal, 2018, 24, 1067-1071.	3.3	32
124	Fe-polyaniline composite nanofiber catalyst for chemoselective hydrolysis of oxime. Journal of Colloid and Interface Science, 2018, 513, 592-601.	9.4	11
125	Regiocontrolled Remote Câˆ'H Olefination of Small Heterocycles. Chemistry - A European Journal, 2018, 24, 17906-17910.	3.3	35
126	Mechanistic Insights on Orthogonal Selectivity in Heterocycle Synthesis. ACS Catalysis, 2018, 8, 10111-10118.	11.2	22

#	Article	IF	Citations
127	H-bonded reusable template assisted para-selective ketonisation using soft electrophilic vinyl ethers. Nature Communications, 2018, 9, 3582.	12.8	62
128	Combining transition metals and transient directing groups for Câ€“H functionalizations. RSC Advances, 2018, 8, 19456-19464.	3.6	87
129	Natural Product Synthesis by Câ^'H Activation. Asian Journal of Organic Chemistry, 2018, 7, 1178-1192.	2.7	100
130	Development of a thermosensitive protein conjugated nanogel for enhanced radio-chemotherapy of cancer. Nanoscale, 2018, 10, 13976-13985.	5.6	42
131	Highly Effective Radioisotope Cancer Therapy with a Non-Therapeutic Isotope Delivered and Sensitized by Nanoscale Coordination Polymers. ACS Nano, 2018, 12, 7519-7528.	14.6	59
132	Manganese-salen catalyzed oxidative benzylic chlorination. Journal of Chemical Sciences, 2018, 130, 1.	1.5	11
133	Selective Câ€“H halogenation over hydroxylation by non-heme iron(<scp>iv</scp>)-oxo. Chemical Science, 2018, 9, 7843-7858.	7.4	82
134	Carbon-Based Nanomaterials for Biomedical Applications: A Recent Study. Frontiers in Pharmacology, 2018, 9, 1401.	3.5	432
135	Chelationâ€Assisted Palladiumâ€Catalyzed Î³â€Arylation of Aliphatic Carboxylic Acid Derivatives. Advanced Synthesis and Catalysis, 2017, 359, 1301-1307.	4.3	65
136	Templateâ€Assisted metaâ€Câ^'H Alkylation and Alkenylation of Arenes. Angewandte Chemie, 2017, 129, 3230-3234.	2.0	40
137	Templateâ€Assisted metaâ€Câ^'H Alkylation and Alkenylation of Arenes. Angewandte Chemie - International Edition, 2017, 56, 3182-3186.	13.8	114
138	Rhodiumâ€Catalyzed metaâ€Câ^'H Functionalization of Arenes. Angewandte Chemie, 2017, 129, 5356-5360.	2.0	20
139	Rhodiumâ€Catalyzed metaâ€Câ^'H Functionalization of Arenes. Angewandte Chemie - International Edition, 2017, 56, 5272-5276.	13.8	90
140	Palladium-catalyzed benzofuran and indole synthesis by multiple Câ€“H functionalizations. Chemical Communications, 2017, 53, 6544-6556.	4.1	119
141	Introducing unactivated acyclic internal aliphatic olefins into a cobalt catalyzed allylic selective dehydrogenative Heck reaction. Chemical Science, 2017, 8, 5181-5185.	7.4	94
142	Frontispiece: Decarboxylation as the Key Step in Câ^'C Bondâ€Forming Reactions. Chemistry - A European Journal, 2017, 23, .	3.3	0
143	Palladiumâ€Catalyzed Deformylation Reactions with Detailed Experimental and in Silico Mechanistic Studies. European Journal of Organic Chemistry, 2017, 2017, 4168-4174.	2.4	15
144	Catalytic Arene meta-Câ€“H Functionalization Exploiting a Quinoline-Based Template. ACS Catalysis, 2017, 7, 3162-3168.	11.2	90

#	Article	IF	Citations
145	Ligand controlled switchable selectivity in ruthenium catalyzed aerobic oxidation of primary amines. Chemical Communications, 2017, 53, 4006-4009.	4.1	50
146	Nickel-Catalyzed Deamidative Step-Down Reduction of Amides to Aromatic Hydrocarbons. ACS Catalysis, 2017, 7, 433-437.	11.2	93
147	Emergence of Unactivated Olefins for the Synthesis of Olefinated Arenes. European Journal of Organic Chemistry, 2017, 2017, 1239-1252.	2.4	49
148	Copper/P(tBu)₃â€Mediated Regiospecific Synthesis of Fused Furans and Naphthofurans. Angewandte Chemie, 2017, 129, 1131-1135.	2.0	10
149	Copper/P(tBu)₃â€Mediated Regiospecific Synthesis of Fused Furans and Naphthofurans. Angewandte Chemie - International Edition, 2017, 56, 1111-1115.	13.8	47
150	Detailed Mechanistic Studies on Palladium-Catalyzed Selective Câ€“H Olefination with Aliphatic Alkenes: A Significant Influence of Proton Shuttling. Journal of the American Chemical Society, 2017, 139, 763-775.	13.7	99
151	Experimental and Computational Studies on Remote Î³-C(sp³)â€“H Silylation and Germanylation of Aliphatic Carboxamides. ACS Catalysis, 2017, 7, 8171-8175.	11.2	102
152	Palladium catalyzed direct aliphatic Î³C(sp³)â€“H alkenylation with alkenes and alkenyl iodides. Chemical Communications, 2017, 53, 12457-12460.	4.1	61
153	Evaluation of Mechanism on Selective, Rapid, and Superior Adsorption of Congo Red by Reusable Mesoporous Î±-Fe₂O₃ Nanorods. ACS Sustainable Chemistry and Engineering, 2017, 5, 11255-11267.	6.7	113
154	Experimental and Computational Exploration of paraâ€Selective Silylation with a Hydrogenâ€Bonded Template. Angewandte Chemie, 2017, 129, 15099-15103.	2.0	22
155	Incorporating Unbiased, Unactivated Aliphatic Alkenes in Pd(II)-Catalyzed Olefination of Benzyl Phosphonamide. ACS Catalysis, 2017, 7, 7732-7736.	11.2	34
156	Pd-Catalyzed Câ€“H arylation of pyridazine-based fused 1,2,4-triazoles: overriding selectivity at the usual position by undermining of preferred chelate formation. Chemical Communications, 2017, 53, 11709-11712.	4.1	24
157	Photoelectrocatalytic Reduction of CO₂ into C1 Products by Using Modifiedâ€Semiconductorâ€Based Catalyst Systems. Asian Journal of Organic Chemistry, 2017, 6, 1519-1530.	2.7	12
158	Remote metaâ€Câ€“H Cyanation of Arenes Enabled by a Pyrimidineâ€Based Auxiliary. Angewandte Chemie, 2017, 129, 12712-12716.	2.0	33
159	Remote metaâ€Câ€“H Cyanation of Arenes Enabled by a Pyrimidineâ€Based Auxiliary. Angewandte Chemie - International Edition, 2017, 56, 12538-12542.	13.8	99
160	Synthesis of Cu-catalysed quinazolinones using a C_{sp3}â€“H functionalisation/cyclisation strategy. Organic and Biomolecular Chemistry, 2017, 15, 7140-7146.	2.8	36
161	Recent Advances in Distal Aliphatic sp 3 C H Functionalization. , 2017, , 327-355.		4
162	Phosphine catalysed (5 + 1) annulation of ynone/cinnamates with primary amines. Chemical Communications, 2017, 53, 13071-13074.	4.1	12

#	Article	IF	Citations
163	Palladium-Catalyzed Remote meta-Selective Câ€“H Bond Silylation and Germanylation. Organometallics, 2017, 36, 2418-2423.	2.3	74
164	Decarboxylation as the Key Step in Câ^'C Bondâ€Forming Reactions. Chemistry - A European Journal, 2017, 23, 7382-7401.	3.3	298
165	Recent Developments in Palladium-Catalyzed Natural Product Synthesis via C H Activation. , 2017, , 453-470.		4
166	Experimental and Computational Exploration of paraâ€Selective Silylation with a Hydrogenâ€Bonded Template. Angewandte Chemie - International Edition, 2017, 56, 14903-14907.	13.8	107
167	Switch to Allylic Selectivity in Cobalt-Catalyzed Dehydrogenative Heck Reactions with Unbiased Aliphatic Olefins. ACS Catalysis, 2016, 6, 5493-5499.	11.2	166
168	Frontispiece: Simple and Efficient Rutheniumâ€Catalyzed Oxidation of Primary Alcohols with Molecular Oxygen. Chemistry - A European Journal, 2016, 22, .	3.3	0
169	Palladiumâ€Catalyzed Directed para Câ^'H Functionalization of Phenols. Angewandte Chemie, 2016, 128, 7882-7886.	2.0	39
170	Simple and Efficient Rutheniumâ€Catalyzed Oxidation of Primary Alcohols with Molecular Oxygen. Chemistry - A European Journal, 2016, 22, 8814-8822.	3.3	60
171	Palladiumâ€Catalyzed Directed para Câ^'H Functionalization of Phenols. Angewandte Chemie - International Edition, 2016, 55, 7751-7755.	13.8	184
172	Palladium catalysed meta-Câ€“H functionalization reactions. Organic and Biomolecular Chemistry, 2016, 14, 5440-5453.	2.8	155
173	Room-Temperature meta-Functionalization: Pd(II)-Catalyzed Synthesis of 1,3,5-Trialkenyl Arene and meta-Hydroxylated Olefin. ACS Catalysis, 2016, 6, 3575-3579.	11.2	104
174	Shape Transition of TiO₂ Nanocube to Nanospindle Embedded on Reduced Graphene Oxide with Enhanced Photocatalytic Activity. Crystal Growth and Design, 2016, 16, 6922-6932.	3.0	40
175	Palladium Nanoparticles Supported on Fibrous Silica (KCCâ€1â€PEI/Pd): A Sustainable Nanocatalyst for Decarbonylation Reactions. ChemPlusChem, 2016, 81, 1142-1146.	2.8	39
176	Cobaltâ€Catalyzed sp²â€Câ^'H Activation: Intermolecular Heterocyclization with Allenes at Room Temperature. Angewandte Chemie, 2016, 128, 12549-12553.	2.0	38
177	Cobaltâ€Catalyzed sp²â€Câ^'H Activation: Intermolecular Heterocyclization with Allenes at Room Temperature. Angewandte Chemie - International Edition, 2016, 55, 12361-12365.	13.8	144
178	A Doubly Biomimetic Synthetic Transformation: Catalytic Decarbonylation and Halogenation at Room Temperature by Vanadium Pentoxide. ChemCatChem, 2016, 8, 3367-3374.	3.7	9
179	Reaching the south: metal-catalyzed transformation of the aromatic para-position. Chemical Communications, 2016, 52, 12398-12414.	4.1	132
180	Traceless directing group mediated branched selective alkenylation of unbiased arenes. Chemical Communications, 2016, 52, 12191-12194.	4.1	39

#	Article	IF	Citations
181	Palladium catalyzed selective distal Câ€“H olefination of biaryl systems. Chemical Communications, 2016, 52, 14003-14006.	4.1	54
182	Design and application of Au decorated ZnO/TiO₂as a stable photocatalyst for wide spectral coverage. Physical Chemistry Chemical Physics, 2016, 18, 31622-31633.	2.8	50
183	Remote meta Câ€“H bond functionalization of 2-phenethylsulphonic acid and 3-phenylpropanoic acid derivatives. Chemical Communications, 2016, 52, 13916-13919.	4.1	56
184	Palladium-Catalyzed Olefination of Aryl Câ€“H Bonds by Using DirectingÂ-Scaffolds. Synthesis, 2016, 48, 804-815.	2.3	46
185	Directing group assisted meta-hydroxylation by Câ€“H activation. Chemical Science, 2016, 7, 3147-3153.	7.4	140
186	Graphene oxide grafted with iridium complex as a superior heterogeneous catalyst for chemical fixation of carbon dioxide to dimethylformamide. Carbon, 2016, 100, 632-640.	10.3	27
187	Aryl Nitriles from Alkynes Using tert-Butyl Nitrite: Metal-Free Approach to Câ‰¡C Bond Cleavage. Organic Letters, 2016, 18, 860-863.	4.6	72
188	Sequential meta-Câ€“H olefination of synthetically versatile benzyl silanes: effective synthesis of meta-olefinated toluene, benzaldehyde and benzyl alcohols. Chemical Communications, 2016, 52, 2027-2030.	4.1	87
189	Copper mediated decarboxylative direct Câ€“H arylation of heteroarenes with benzoic acids. Chemical Communications, 2016, 52, 1432-1435.	4.1	86
190	Metal catalyzed defunctionalization reactions. Organic and Biomolecular Chemistry, 2016, 14, 21-35.	2.8	77
191	Surface modified multifunctional ZnFe₂O₄nanoparticles for hydrophobic and hydrophilic anti-cancer drug molecule loading. Physical Chemistry Chemical Physics, 2016, 18, 1439-1450.	2.8	53
192	Nickelâ€Catalyzed Insertion of Alkynes and Electronâ€Deficient Olefins into Unactivated sp³ Cï£¿H Bonds. Chemistry - A European Journal, 2015, 21, 11320-11324.	3.3	68
193	Palladiumâ€Catalyzed Synthesis of 2,3â€Disubstituted Benzofurans: An Approach Towards the Synthesis of Deuterium Labeled Compounds. Advanced Synthesis and Catalysis, 2015, 357, 2331-2338.	4.3	41
194	Palladium(II)â€Catalyzed metaâ€Cï£¿H Olefination: Constructing Multisubstituted Arenes through Homoâ€Diolefination and Sequential Heteroâ€Diolefination. Angewandte Chemie - International Edition, 2015, 54, 8515-8519.	13.8	216
195	Selective formation of iron oxide and oxyhydroxide nanoparticles at room temperature: Critical role of concentration of ferric nitrate. Materials Chemistry and Physics, 2015, 154, 144-151.	4.0	16
196	Mechanistic elucidation of Câ€“H oxidation by electron rich non-heme iron(<scp>iv</scp>)â€“oxo at room temperature. Chemical Communications, 2015, 51, 14469-14472.	4.1	54
197	Palladiumâ€Catalyzed [3+3] Annulation between Diarylamines and Î±,Î²â€Unsaturated Acids through Cï£¿H Activation: Direct Access to 4â€Substituted 2â€Quinolinones. Chemistry - A European Journal, 2015, 21, 8360-8364.	3.3	38
198	Divergent Reactivity in Palladiumâ€Catalyzed Annulation with Diarylamines and Î±,Î²â€Unsaturated Acids: Direct Access to Substituted 2â€Quinolinones and Indoles. Chemistry - A European Journal, 2015, 21, 8723-8726.	3.3	37

#	Article	IF	Citations
199	The regioselective iodination of quinolines, quinolones, pyridones, pyridines and uracil. Chemical Communications, 2015, 51, 17744-17747.	4.1	49
200	Remote para-Câ€“H Functionalization of Arenes by a D-Shaped Biphenyl Template-Based Assembly. Journal of the American Chemical Society, 2015, 137, 11888-11891.	13.7	302
201	A multifunctional nanocomposite of magnetic Î³-Fe2O3 and mesoporous fluorescent ZnO. Journal of Alloys and Compounds, 2015, 653, 187-194.	5.5	15
202	Iron-Catalyzed Regioselective Direct Arylation at the C-3 Position of N-Alkyl-2-pyridone. Journal of Organic Chemistry, 2015, 80, 296-303.	3.2	66
203	Orthogonal selectivity with cinnamic acids in 3-substituted benzofuran synthesis through Câ€“H olefination of phenols. Chemical Communications, 2015, 51, 5375-5378.	4.1	61
204	Efficient and Stereoselective Nitration of Olefins with AgNO2 and TEMPO. Synlett, 2014, 25, 603-607.	1.8	17
205	Aerobic Oxynitration of Alkynes with ^tBuONO and TEMPO. Organic Letters, 2014, 16, 6302-6305.	4.6	109
206	Catalytic Electrophilic Halogenations and Haloalkoxylations by Nonâ€Heme Iron Halides. Advanced Synthesis and Catalysis, 2014, 356, 2453-2458.	4.3	24
207	Synthesis of Bis(heteroaryl) Ketones by Removal of Benzylic CHR and CO Groups. Angewandte Chemie - International Edition, 2014, 53, 2428-2432.	13.8	41
208	Predictably Selective (sp³)Câ€“O Bond Formation through Copper Catalyzed Dehydrogenative Coupling: Facile Synthesis of Dihydro-oxazinone Derivatives. Organic Letters, 2014, 16, 2602-2605.	4.6	91
209	Generation of Arylated Quinones by Ironâ€Catalyzed Oxidative Arylation of Phenols: Formal Synthesis of Phellodonin, Sarcodonin Îµ, Leucomelone and Betulinan A. Advanced Synthesis and Catalysis, 2014, 356, 705-710.	4.3	20
210	Palladium-Catalyzed Aryl Câ€“H Olefination with Unactivated, Aliphatic Alkenes. Journal of the American Chemical Society, 2014, 136, 13602-13605.	13.7	214
211	Efficient and Simple Approaches Towards Direct Oxidative Esterification of Alcohols. Chemistry - A European Journal, 2014, 20, 15618-15624.	3.3	34
212	Radical Based Strategy toward the Synthesis of 2,3-Dihydrofurans from Aryl Ketones and Aromatic Olefins. Organic Letters, 2014, 16, 5446-5449.	4.6	53
213	Meta-Selective Arene Câ€“H Bond Olefination of Arylacetic Acid Using a Nitrile-Based Directing Group. Organic Letters, 2014, 16, 5760-5763.	4.6	180
214	Palladiumâ€Catalyzed Annulation of Diarylamines with Olefins through Cï£¿H Activation: Direct Access to Nâ€Arylindoles. Angewandte Chemie - International Edition, 2014, 53, 11895-11899.	13.8	115
215	Iron catalysed nitrosation of olefins to oximes. Dalton Transactions, 2014, 43, 38-41.	3.3	19
216	Direct Synthesis of Î±-Trifluoromethyl Ketone from (Hetero)arylacetylene: Design, Intermediate Trapping, and Mechanistic Investigations. Organic Letters, 2014, 16, 4524-4527.	4.6	117

#	Article	IF	Citations
217	Nickel-catalyzed hydrogenolysis of unactivated carbonâ€“cyano bonds. Chemical Communications, 2013, 49, 8362.	4.1	43
218	Oxidative Trifluoromethylation of Unactivated Olefins: An Efficient and Practical Synthesis of Î±â€Trifluoromethylâ€Substituted Ketones. Angewandte Chemie - International Edition, 2013, 52, 9747-9750.	13.8	271
219	Ironâ€Catalyzed Direct Câ€“H Arylation of Heterocycles and Quinones with Arylboronic Acids. European Journal of Organic Chemistry, 2013, 2013, 5251-5256.	2.4	86
220	Phase Evolution and Growth of Iron Oxide Nanoparticles: Effect of Hydrazine Addition During Sonication. Crystal Growth and Design, 2013, 13, 3637-3644.	3.0	50
221	An efficient dehydroxymethylation reaction by a palladium catalyst. Chemical Communications, 2013, 49, 252-254.	4.1	40
222	Efficient and Stereoselective Nitration of Mono- and Disubstituted Olefins with AgNO₂ and TEMPO. Journal of the American Chemical Society, 2013, 135, 3355-3358.	13.7	203
223	Nickel-catalyzed decyanation of inert carbonâ€“cyano bonds. Chemical Communications, 2013, 49, 69.	4.1	64
224	Decarbonylative Halogenation by a Vanadium Complex. Inorganic Chemistry, 2013, 52, 2927-2932.	4.0	27
225	Synthesis of (E)-nitroolefins via decarboxylative nitration using t-butylnitrite (t-BuONO) and TEMPO. Chemical Communications, 2013, 49, 5286.	4.1	134
226	Stereoselective Nitration of Olefins with ^tBuONO and TEMPO: Direct Access to Nitroolefins under Metal-free Conditions. Organic Letters, 2013, 15, 3384-3387.	4.6	181
227	A Predictably Selective Nitration of Olefin with Fe(NO₃)₃ and TEMPO. Journal of Organic Chemistry, 2013, 78, 5949-5954.	3.2	118
228	Ironâ€Mediated Decarboxylative Trifluoromethylation of Î±,Î²â€Unsaturated Carboxylic Acids with Trifluoromethanesulfinate. European Journal of Organic Chemistry, 2013, 2013, 5247-5250.	2.4	86
229	Palladiumâ€Catalyzed Synthesis of Benzofurans and Coumarins from Phenols and Olefins. Angewandte Chemie - International Edition, 2013, 52, 12669-12673.	13.8	194
230	A general and efficient aldehyde decarbonylation reaction by using a palladium catalyst. Chemical Communications, 2012, 48, 4253.	4.1	164
231	ipso-Nitration of Arylboronic Acids with Bismuth Nitrate and Perdisulfate. Organic Letters, 2012, 14, 1736-1739.	4.6	118
232	Microwave-assisted palladium mediated decarbonylation reaction: synthesis of eulatachromene. Green Chemistry, 2012, 14, 2314.	9.0	60
233	Chemoselectivity in the Cu-catalyzed O-arylation of phenols and aliphatic alcohols. Chemical Communications, 2011, 47, 8340.	4.1	46
234	Palladium-catalyzed coupling of functionalized primary and secondary amines with aryl and heteroaryl halides: two ligands suffice in most cases. Chemical Science, 2011, 2, 57-68.	7.4	315

#	Article	IF	Citations
235	Metalâ€Mediated Deformylation Reactions: Synthetic and Biological Avenues. Angewandte Chemie - International Edition, 2011, 50, 12140-12142.	13.8	43
236	A (1â†'6)-Î²-glucan from a somatic hybrid of Pleurotus florida and Volvariella volvacea: isolation, characterization, and study of immunoenhancing properties. Carbohydrate Research, 2010, 345, 974-978.	2.3	29
237	Spectroscopic and Computational Studies of an End-on Bound Superoxo-Cu(II) Complex: Geometric and Electronic Factors That Determine the Ground State. Inorganic Chemistry, 2010, 49, 9450-9459.	4.0	102
238	Cu-Catalyzed Arylation of Phenols: Synthesis of Sterically Hindered and Heteroaryl Diaryl Ethers. Journal of Organic Chemistry, 2010, 75, 1791-1794.	3.2	179
239	Structural Characterization of Dietary Fiber of Green Chalcumra (Benincasa Hispida) Fruit by NMR Spectroscopic Analysis. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	2
240	Structural investigation of a heteropolysaccharide isolated from the green fruits of Capsicum annuum. Carbohydrate Research, 2009, 344, 1130-1135.	2.3	11
241	Structural studies of an immunoenhancing water-soluble glucan isolated from hot water extract of an edible mushroom, Pleurotus florida, cultivar Assam Florida. Carbohydrate Research, 2009, 344, 2596-2601.	2.3	61
242	Isolation and characterization of a heteropolysaccharide from the corm of Amorphophallus campanulatus. Carbohydrate Research, 2009, 344, 2581-2585.	2.3	37
243	Orthogonal Cu- and Pd-Based Catalyst Systems for the O- and N-Arylation of Aminophenols. Journal of the American Chemical Society, 2009, 131, 17423-17429.	13.7	204
244	Molecular Oxygen and Sulfur Reactivity of a Cyclotriveratrylene Derived Trinuclear Copper(I) Complex. Inorganic Chemistry, 2009, 48, 8342-8356.	4.0	41
245	Structural characterization of dietary fiber of green chalcumra (Benincasa hispida) fruit by NMR spectroscopic analysis. Natural Product Communications, 2009, 4, 547-52.	0.5	4
246	Reactions of a Copper(II) Superoxo Complex Lead to Cï£¿H and Oï£¿H Substrate Oxygenation: Modeling Copperâ€Monooxygenase Cï£¿H Hydroxylation. Angewandte Chemie - International Edition, 2008, 47, 82-85.	13.8	202
247	Structural studies of a methyl galacturonosyl-methoxyxylan isolated from the stem of Lagenaria siceraria (Lau). Carbohydrate Research, 2008, 343, 341-349.	2.3	19
248	Isolation and characterization of a heteroglycan from the fruits of Astraeus hygrometricus. Carbohydrate Research, 2008, 343, 817-824.	2.3	25
249	Structural investigation of a polysaccharide (Fr. I) isolated from the aqueous extract of an edible mushroom, Volvariella diplasia. Carbohydrate Research, 2008, 343, 1071-1078.	2.3	42
250	Structural analysis of a polysaccharide isolated from the aqueous extract of an edible mushroom, Pleurotus sajor-caju, cultivar Black Japan. Carbohydrate Research, 2008, 343, 1108-1113.	2.3	43
251	Chemical analysis of a new fucoglucan isolated from an edible mushroom, Termitomyces robustus. Carbohydrate Research, 2008, 343, 1062-1070.	2.3	28
252	Structural assignment of a heteropolysaccharide isolated from the gum of Cochlospermum religiosum (Katira gum). Carbohydrate Research, 2008, 343, 1222-1231.	2.3	45

#	Article	IF	Citations
253	NMR and MALDI-TOFMS analysis of a heteroglycan isolated from hot water extract of edible mushroom, Volvariella bombycina. Carbohydrate Research, 2008, 343, 2258-2265.	2.3	23
254	Copper Dioxygen Adducts: Formation of Bis(Î¼-oxo)dicopper(III) versus (Î¼-1,2)Peroxodicopper(II) Complexes with Small Changes in One Pyridyl-Ligand Substituent. Inorganic Chemistry, 2008, 47, 3787-3800.	4.0	61
255	Copperâˆ'Hydroperoxo-Mediated N-Debenzylation Chemistry Mimicking Aspects of Copper Monooxygenases. Inorganic Chemistry, 2008, 47, 8736-8747.	4.0	59
256	Suggestion of an Organometallic Intermediate in an Intramolecular Dechlorination Reaction Involving Copper(I) and a ArCH₂Cl Moiety. Journal of the American Chemical Society, 2008, 130, 5644-5645.	13.7	30
257	Reaction of a Copperâˆ'Dioxygen Complex with Nitrogen Monoxide (â€¢NO) Leads to a Copper(II)âˆ'Peroxynitrite Species. Journal of the American Chemical Society, 2008, 130, 6700-6701.	13.7	78
258	Copper(II)âˆ'Hydroperoxo Complex Induced Oxidative N-Dealkylation Chemistry. Journal of the American Chemical Society, 2007, 129, 6720-6721.	13.7	81
259	Copper(I)/S8Reversible Reactions Leading to an End-On Bound Dicopper(II) Disulfide Complex:Â Nucleophilic Reactivity and Analogies to Copperâˆ'Dioxygen Chemistry. Journal of the American Chemical Society, 2007, 129, 8882-8892.	13.7	33
260	Aryl Hydroxylation from a Mononuclear Copper-Hydroperoxo Species. Journal of the American Chemical Society, 2007, 129, 6998-6999.	13.7	121
261	A 1:1 Copperâˆ'Dioxygen Adduct is an End-on Bound Superoxo Copper(II) Complex which Undergoes Oxygenation Reactions with Phenols. Journal of the American Chemical Society, 2007, 129, 264-265.	13.7	177
262	A water-soluble glucan isolated from an edible mushroom Termitomyces microcarpus. Carbohydrate Research, 2007, 342, 2484-2489.	2.3	32
263	Structural investigation of a heteropolysaccharide isolated from the pods (fruits) of Moringa oleifera (Sajina). Carbohydrate Research, 2007, 342, 2380-2389.	2.3	39
264	A Î¼-Î·2:Î·2-Disulfide Dicopper(II) Complex from Reaction of S8 with a Copper(I) Precursor: Reactivity of the Bound Disulfur Moiety. Angewandte Chemie - International Edition, 2006, 45, 1138-1141.	13.8	36
265	Synthesis, structure, spectral and electron-transfer properties of octahedral-[CoIII(L)2]+/[ZnII(L)2] and square planar-[CuII(L){OC(ĩ...O)CH3}] complexes incorporating anionic form of tridentate bis(8-quinolinyl)amine [N1C9H6â€"N2â€"C9H6N3, Lâˆ'] ligand. Polyhedron, 2004, 23, 831-840.	2.2	30
266	A Catalysis Guide Focusing on Câ€"H Activation Processes. Journal of the Brazilian Chemical Society, 0, , .	0.6	3