M Christina White

List of Publications by Year
in descending order

62 papers	11,164 citations	38742 50 h-index	114465 63 g-index
65 all docs	65 docs citations	65 times ranked	6185 citing authors

#	Article	IF	Citations
1	Allylic Câ€“H amination cross-coupling furnishes tertiary amines by electrophilic metal catalysis. Science, 2022, 376, 276-283.	12.6	44
2	Late-Stage Intermolecular Allylic Câ€“H Amination. Journal of the American Chemical Society, 2021, 143, 14969-14975.	13.7	30
3	Chemoselective Tertiary Câˆ’H Hydroxylation for Lateâ€Stage Functionalization with Mn(PDP)/Chloroacetic Acid Catalysis. Advanced Synthesis and Catalysis, 2020, 362, 417-423.	4.3	23
4	Late-stage oxidative C(sp3)â€“H methylation. Nature, 2020, 580, 621-627.	27.8	125
5	Synthesis of anti-1,3 Amino Alcohol Motifs via Pd(II)/SOX Catalysis with the Capacity for Stereodivergence. Journal of the American Chemical Society, 2019, 141, 9468-9473.	13.7	24
6	Chemoselective methylene oxidation in aromatic molecules. Nature Chemistry, 2019, 11, 213-221.	13.6	86
7	Câ€“H to Câ€“N Cross-Coupling of Sulfonamides with Olefins. Journal of the American Chemical Society, 2018, 140, 3202-3205.	13.7	73
8	Manganese-catalysed benzylic C(sp3)â€“H amination for late-stage functionalization. Nature Chemistry, 2018, 10, 583-591.	13.6	221
9	Aliphatic Câ€“H Oxidations for Late-Stage Functionalization. Journal of the American Chemical Society, 2018, 140, 13988-14009.	13.7	322
10	Asymmetric Allylic Câ€“H Alkylation via Palladium(II)/<i>cis</i>-ArSOX Catalysis. Journal of the American Chemical Society, 2018, 140, 10658-10662.	13.7	79
11	Remote, Late-Stage Oxidation of Aliphatic Câ€“H Bonds in Amide-Containing Molecules. Journal of the American Chemical Society, 2017, 139, 14586-14591.	13.7	90
12	Catalytic C(sp³)â€“H Alkylation via an Iron Carbene Intermediate. Journal of the American Chemical Society, 2017, 139, 13624-13627.	13.7	71
13	Oxidative diversification of amino acids and peptides by small-molecule iron catalysis. Nature, 2016, 537, 214-219.	27.8	224
14	Baseâ€Metal Catalysis: Embrace the Wild Side. Advanced Synthesis and Catalysis, 2016, 358, 2364-2365.	4.3	18
15	Enantioselective Allylic Câˆ’H Oxidation of Terminal Olefins to Isochromans by Palladium(II)/Chiral Sulfoxide Catalysis. Angewandte Chemie, 2016, 128, 9723-9727.	2.0	39
16	Enantioselective Allylic Câˆ’H Oxidation of Terminal Olefins to Isochromans by Palladium(II)/Chiral Sulfoxide Catalysis. Angewandte Chemie - International Edition, 2016, 55, 9571-9575.	13.8	130
17	Aerobic Linear Allylic Câ€“H Amination: Overcoming Benzoquinone Inhibition. Journal of the American Chemical Society, 2016, 138, 1265-1272.	13.7	140
18	A manganese catalyst for highly reactive yet chemoselective intramolecular C(sp3)â€“H amination. Nature Chemistry, 2015, 7, 987-994.	13.6	236

#	ARTICLE	IF	CITATIONS
19	Remote Oxidation of Aliphatic Câ€"H Bonds in Nitrogen-Containing Molecules. Journal of the American Chemical Society, 2015, 137, 14590-14593.	13.7	172
20	General Allylic Câ€"H Alkylation with Tertiary Nucleophiles. Journal of the American Chemical Society, 2014, 136, 5750-5754.	13.7	93
21	<i>N</i>-Boc Amines to Oxazolidinones via Pd(II)/Bis-sulfoxide/BrÃ¸nsted Acid Co-Catalyzed Allylic Câ€"H Oxidation. Journal of the American Chemical Society, 2014, 136, 11176-11181.	13.7	86
22	<i>Organometallics</i> Roundtable 2013â€"2014. Organometallics, 2014, 33, 1505-1527.	2.3	24
23	Terminal Olefins to Chromans, Isochromans, and Pyrans via Allylic Câ€"H Oxidation. Journal of the American Chemical Society, 2014, 136, 10834-10837.	13.7	104
24	Catalyst-Controlled Câ€"O versus Câ€"N Allylic Functionalization of Terminal Olefins. Journal of the American Chemical Society, 2013, 135, 12032-12037.	13.7	110
25	A Câ€"H oxidation approach for streamlining synthesis of chiral polyoxygenated motifs. Tetrahedron, 2013, 69, 7771-7778.	1.9	25
26	Catalyst-Controlled Aliphatic Câ€"H Oxidations with a Predictive Model for Site-Selectivity. Journal of the American Chemical Society, 2013, 135, 14052-14055.	13.7	321
27	Oxidative Heck Vinylation for the Synthesis of Complex Dienes and Polyenes. Journal of the American Chemical Society, 2013, 135, 8460-8463.	13.7	71
28	Terminal Olefins to Linear Î±,Î²-Unsaturated Ketones: Pd(II)/Hypervalent Iodine Co-catalyzed Wacker Oxidationâ€"Dehydrogenation. Journal of the American Chemical Society, 2013, 135, 7831-7834.	13.7	75
29	Cafestol to Tricalysiolide B and Oxidized Analogues: Biosynthetic and Derivatization Studies Using Non-heme Iron Catalyst Fe(PDP). Synlett, 2012, 23, 2768-2772.	1.8	28
30	Câ€"H Bond Functionalization & Synthesis in the 21st Century: A Brief History and Prospectus. Synlett, 2012, 23, .	1.8	10
31	Iron-Catalyzed Intramolecular Allylic Câ€"H Amination. Journal of the American Chemical Society, 2012, 134, 2036-2039.	13.7	337
32	Sequential Allylic Câ€"H Amination/Vinylic Câ€"H Arylation: A Strategy for Unnatural Amino Acid Synthesis from Î±-Olefins. Organic Letters, 2012, 14, 1386-1389.	4.6	73
33	Directed Metal (Oxo) Aliphatic Câ€"H Hydroxylations: Overriding Substrate Bias. Journal of the American Chemical Society, 2012, 134, 9721-9726.	13.7	178
34	Adding Aliphatic Câ€"H Bond Oxidations to Synthesis. Science, 2012, 335, 807-809.	12.6	629
35	Molecular Complexity via Câ€"H Activation: A Dehydrogenative Dielsâ€"Alder Reaction. Journal of the American Chemical Society, 2011, 133, 14892-14895.	13.7	154
36	Synthetic Versatility in Câ€"H Oxidation: A Rapid Approach to Differentiated Diols and Pyrans from Simple Olefins. Journal of the American Chemical Society, 2011, 133, 12584-12589.	13.7	96

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37	Diverting non-haem iron catalysed aliphatic Câ€“H hydroxylations towards desaturations. Nature Chemistry, 2011, 3, 216-222.	13.6	206
38	On the Macrocyclization of the Erythromycin Core: Preorganization is Not Required. Angewandte Chemie - International Edition, 2011, 50, 2094-2097.	13.8	62
39	Allylic Cï£¿H Alkylation of Unactivated Î±â€Olefins: Serial Ligand Catalysis Resumed. Angewandte Chemie - International Edition, 2011, 50, 6824-6827.	13.8	130
40	Diversification of a Î²-lactam pharmacophore via allylic Câ€“H amination: accelerating effect of Lewis acid co-catalyst. Tetrahedron, 2010, 66, 4816-4826.	1.9	65
41	Synthesis of Complex Allylic Esters via Câˆ’H Oxidation vs Câˆ’C Bond Formation. Journal of the American Chemical Society, 2010, 132, 11323-11328.	13.7	97
42	Combined Effects on Selectivity in Fe-Catalyzed Methylene Oxidation. Science, 2010, 327, 566-571.	12.6	674
43	Total synthesis and study of 6-deoxyerythronolide B by late-stage Câ€“H oxidation. Nature Chemistry, 2009, 1, 547-551.	13.6	223
44	The Fe(PDP)-catalyzed aliphatic Câ€“H oxidation: a slow addition protocol. Tetrahedron, 2009, 65, 3078-3084.	1.9	105
45	A Catalytic, BrÃ¸nsted Base Strategy for Intermolecular Allylic Câˆ’H Amination. Journal of the American Chemical Society, 2009, 131, 11701-11706.	13.7	191
46	Allylic Câˆ’H Amination for the Preparation of <i>syn</i>-1,3-Amino Alcohol Motifs. Journal of the American Chemical Society, 2009, 131, 11707-11711.	13.7	207
47	A Chiral Lewis Acid Strategy for Enantioselective Allylic Cï£¿H Oxidation. Angewandte Chemie - International Edition, 2008, 47, 6448-6451.	13.8	251
48	Catalytic Intermolecular Allylic Câ€”H Alkylation. Journal of the American Chemical Society, 2008, 130, 14090-14091.	13.7	251
49	Catalytic Intermolecular Linear Allylic Câˆ’H Amination via Heterobimetallic Catalysis. Journal of the American Chemical Society, 2008, 130, 3316-3318.	13.7	318
50	A General and Highly Selective Chelate-Controlled Intermolecular Oxidative Heck Reaction. Journal of the American Chemical Society, 2008, 130, 11270-11271.	13.7	194
51	syn-1,2-Amino Alcohols via Diastereoselective Allylic Câˆ’H Amination. Journal of the American Chemical Society, 2007, 129, 7274-7276.	13.7	320
52	A Predictably Selective Aliphatic Câ€“H Oxidation Reaction for Complex Molecule Synthesis. Science, 2007, 318, 783-787.	12.6	1,153
53	Macrolactonization via Hydrocarbon Oxidation. Journal of the American Chemical Society, 2006, 128, 9032-9033.	13.7	217
54	Polyol Synthesis through Hydrocarbon Oxidation: De Novo Synthesis ofL-Galactose. Angewandte Chemie - International Edition, 2006, 45, 8217-8220.	13.8	75

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55	Sequential Hydrocarbon Functionalization:Â Allylic Câ˘'H Oxidation/Vinylic Câ˘'H Arylation. Journal of the American Chemical Society, 2006, 128, 15076-15077.	13.7	204
56	Serial Ligand Catalysis:Â A Highly Selective Allylic Câ˘'H Oxidation. Journal of the American Chemical Society, 2005, 127, 6970-6971.	13.7	407
57	Hydrocarbon Oxidation vs Câ˘'C Bond-Forming Approaches for Efficient Syntheses of Oxygenated Molecules. Organic Letters, 2005, 7, 223-226.	4.6	100
58	A Sulfoxide-Promoted, Catalytic Method for the Regioselective Synthesis of Allylic Acetates from Monosubstituted Olefins via Câ˘'H Oxidation. Journal of the American Chemical Society, 2004, 126, 1346-1347.	13.7	494
59	A Synthetically Useful, Self-Assembling MMO Mimic System for Catalytic Alkene Epoxidation with Aqueous H2O2. Journal of the American Chemical Society, 2001, 123, 7194-7195.	13.7	456
60	Antiproliferative Hybrid Analogs of the Hormone 1Î±,25-Dihydroxyvitamin D3:Â Design, Synthesis, and Preliminary Biological Evaluationâ€. Journal of Organic Chemistry, 1997, 62, 3299-3314.	3.2	80
61	A 20-epi side chain restores growth-regulatory and transcriptional activities of an A ring-modified hybrid analog of 1Î±,25-dihydroxyvitamin D3 without increasing its affinity to the vitamin D receptor. , 1996, 63, 149-161.		39
62	1.alpha.,25-Dihydroxyvitamin D3 Analogs Featuring Aromatic and Heteroaromatic Rings: Design, Synthesis, and Preliminary Biological Testing. Journal of Medicinal Chemistry, 1995, 38, 4529-4537.	6.4	29