Simon B Blakey

List of Publications by Year
in descending order

39 papers	1,771 citations	279798 23 h-index	289244 40 g-index
51 all docs	51 docs citations	51 times ranked	1512 citing authors

#	Article	IF	Citations
1	Enantioselective Cï£¿H Amination Using Cationic Ruthenium(II)â€“pybox Catalysts. Angewandte Chemie - International Edition, 2008, 47, 6825-6828.	13.8	291
2	Catalytic Metallonitrene/Alkyne Metathesis: A Powerful Cascade Process for the Synthesis of Nitrogen-Containing Molecules. Journal of the American Chemical Society, 2008, 130, 5020-5021.	13.7	105
3	Ï€-Nucleophile Traps for Metallonitrene/Alkyne Cascade Reactions: A Versatile Process for the Synthesis of Î±-Aminocyclopropanes and Î²-Aminostyrenes. Journal of the American Chemical Society, 2009, 131, 2434-2435.	13.7	96
4	Designing a Planar Chiral Rhodium Indenyl Catalyst for Regio- and Enantioselective Allylic Câ€“H Amidation. Journal of the American Chemical Society, 2020, 142, 13996-14004.	13.7	96
5	Rhodium Catalyzed Allene Amination: Diastereoselective Synthesis of Aminocyclopropanes via a 2-Amidoallylcation Intermediate. Journal of the American Chemical Society, 2010, 132, 2108-2109.	13.7	89
6	Cobalt catalyzed sp³ Câ€“H amination utilizing aryl azides. Chemical Science, 2015, 6, 6672-6675.	7.4	81
7	Regioselective Intermolecular Allylic Câˆ'H Amination of Disubstituted Olefins via Rhodium/Ï€â€Allyl Intermediates. Angewandte Chemie - International Edition, 2017, 56, 13666-13669.	13.8	75
8	Rh(III) and Ir(III)Cp* Complexes Provide Complementary Regioselectivity Profiles in Intermolecular Allylic Câ€“H Amidation Reactions. ACS Catalysis, 2019, 9, 5474-5479.	11.2	66
9	KO^tBu-Initiated Aryl Câ€“H Iodination: A Powerful Tool for the Synthesis of High Electron Affinity Compounds. Journal of the American Chemical Society, 2016, 138, 3946-3949.	13.7	57
10	Unveiling Latent Î±â€Iminocarbene Reactivity for Intermolecular Cascade Reactions through Alkyne Oxidative Amination. Angewandte Chemie - International Edition, 2013, 52, 5836-5839.	13.8	53
11	Iridium(<scp>iii</scp>)-bis(imidazolinyl)phenyl catalysts for enantioselective Câ€“H functionalization with ethyl diazoacetate. Chemical Science, 2016, 7, 3142-3146.	7.4	53
12	The Mechanism of Rhodium-Catalyzed Allylic Câ€“H Amination. Journal of the American Chemical Society, 2020, 142, 5842-5851.	13.7	53
13	Iridium(iii)-bis(oxazolinyl)phenyl catalysts for enantioselective Câ€“H functionalization. Chemical Science, 2013, 4, 2590.	7.4	49
14	Recent Developments in Câ€“H Activation for Materials Science in the Center for Selective Câ€“H Activation. Molecules, 2018, 23, 922.	3.8	47
15	Intermolecular Allylic Câˆ'H Etherification of Internal Olefins. Angewandte Chemie - International Edition, 2018, 57, 14911-14915.	13.8	40
16	Recent advances in oxidative allylic Câ€“H functionalization via group IX-metal catalysis. Chemical Communications, 2020, 56, 13287-13300.	4.1	39
17	Rhodium catalyzed allene amidation: a facile entry into 2-amidoallylcations for unusual [3 + 3] annulation reactions. Chemical Science, 2011, 2, 112-116.	7.4	36
18	Chemistry Unbound: Designing a New Four-Year Undergraduate Curriculum. Journal of Chemical Education, 2019, 96, 35-46.	2.3	32

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19	Ir-Catalyzed enantioselective group transfer reactions. Chemical Society Reviews, 2015, 44, 5969-5980.	38.1	29
20	A Câ€“H Functionalization Protocol for the Direct Synthesis of Benzobisthiazole Derivatives. Journal of Organic Chemistry, 2014, 79, 7766-7771.	3.2	27
21	Cascade Annulation Reactions To Access the Structural Cores of Stereochemically Unusual Strychnos Alkaloids. European Journal of Organic Chemistry, 2009, 2009, 1506-1510.	2.4	26
22	Insight into Mechanistic Features of Ruthenium(II)â€“Pybox-Catalyzed Câ€“H Amination. Organometallics, 2012, 31, 4950-4961.	2.3	25
23	Regioselective Intermolecular Allylic Câ^'H Amination of Disubstituted Olefins via Rhodium/Ï€â€Allyl Intermediates. Angewandte Chemie, 2017, 129, 13854-13857.	2.0	24
24	An Iminium Ion Cascade Annulation Strategy for the Synthesis of Akuammiline Alkaloid Pentacyclic Core Structures. Organic Letters, 2016, 18, 6492-6495.	4.6	22
25	Regioselective Cp*Ir(III)-Catalyzed Allylic Câ€“H Sulfamidation of Allylbenzene Derivatives. Journal of Organic Chemistry, 2019, 84, 13179-13185.	3.2	22
26	Switchable Regioselective 6-endo or 5-exo Radical Cyclization via Photoredox Catalysis. Journal of the American Chemical Society, 2022, 144, 3776-3781.	13.7	18
27	Intermediate-Sized Conjugated Donor Molecules for Organic Solar Cells: Comparison of Benzodithiophene and Benzobisthiazole-Based Cores. Chemistry of Materials, 2017, 29, 7880-7887.	6.7	17
28	Synthetic Routes for Heteroatomâ€Containing Alkylated/Arylated Polycyclic Aromatic Hydrocarbons. Angewandte Chemie - International Edition, 2021, 60, 2924-2928.	13.8	14
29	Total synthesis of malagashanine: a chloroquine potentiating indole alkaloid with unusual stereochemistry. Chemical Science, 2017, 8, 697-700.	7.4	12
30	Intermolecular Allylic Câ^'H Etherification of Internal Olefins. Angewandte Chemie, 2018, 130, 15127-15131.	2.0	12
31	Allylic Câ€“H functionalization via group 9 Ï€-allyl intermediates. Dalton Transactions, 2020, 49, 13928-13935.	3.3	12
32	Câ€“H Functionalization Approach for the Synthesis of Chiral C₂-Symmetric 1,5-Cyclooctadiene Ligands. Organic Letters, 2019, 21, 9864-9868.	4.6	10
33	Expanding the Carbene Cï£¿H Insertion Toolbox. ChemCatChem, 2015, 7, 577-578.	3.7	8
34	Stereochemical Complexity in Oxocarbenium-Ion-Initiated Cascade Annulations for the Synthesis of the ABCD Core of Mattogrossine. Journal of Organic Chemistry, 2017, 82, 4477-4483.	3.2	8
35	Synthesis and Câ€“H Functionalization Chemistry of Thiazole-Semicoronenediimides (TsCDIs) and -Coronenediimides (TCDIs). Journal of Organic Chemistry, 2017, 82, 10139-10148.	3.2	8
36	The Direct Arylation Polymerization (DArP) of Wellâ€Defined Alternating Copolymers Based On 5,6â€Dicyano[2,1,3]benzothiadiazole (DCBT). Asian Journal of Organic Chemistry, 2018, 7, 1419-1425.	2.7	8

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37	Synthetic Routes for Heteroatomâ€Containing Alkylated/Arylated Polycyclic Aromatic Hydrocarbons. Angewandte Chemie, 2021, 133, 2960-2964.	2.0	6
38	Synthesis and reactivity of an unprecedented osmium(VIII) alkylidene. Tetrahedron Letters, 2008, 49, 6800-6803.	1.4	5
39	Model Studies for the Total Synthesis of 11-Demethoxymyrtoidine and Myrtoidine. Heterocycles, 2019, 99, 389.	0.7	0