

Mark R Biscoe

List of Publications by Year in descending order

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14
papers

1,285
citations

840776

11
h-index

1058476

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docs citations

15
times ranked

1445
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Class of Easily Activated Palladium Precatalysts for Facile C–N Cross-Coupling Reactions and the Low Temperature Oxidative Addition of Aryl Chlorides. <i>Journal of the American Chemical Society</i> , 2008, 130, 6686-6687.	13.7	378
2	Stereospecific Pd-Catalyzed Cross-Coupling Reactions of Secondary Alkylboron Nucleophiles and Aryl Chlorides. <i>Journal of the American Chemical Society</i> , 2014, 136, 14027-14030.	13.7	206
3	Stereoretentive Pd-catalysed Stille cross-coupling reactions of secondary alkyl azastannanes and aryl halides. <i>Nature Chemistry</i> , 2013, 5, 607-612.	13.6	154
4	Enantiodivergent Pd-catalyzed C–C bond formation enabled through ligand parameterization. <i>Science</i> , 2018, 362, 670-674.	12.6	134
5	Configurational stability, enantioenriched organometallic nucleophiles in stereospecific Pd-catalyzed cross-coupling reactions: an alternative approach to asymmetric synthesis. <i>Chemical Science</i> , 2015, 6, 5105-5113.	7.4	98
6	Electronic Effects on the Selectivity of Pd-Catalyzed C–N Bond-Forming Reactions Using Biarylphosphine Ligands: The Competitive Roles of Amine Binding and Acidity. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7232-7235.	13.8	93
7	Selective Monoarylation of Acetate Esters and Aryl Methyl Ketones Using Aryl Chlorides. <i>Organic Letters</i> , 2009, 11, 1773-1775.	4.6	93
8	Stereoselectivity in Pd-catalysed cross-coupling reactions of enantioenriched nucleophiles. <i>Nature Reviews Chemistry</i> , 2020, 4, 584-599.	30.2	45
9	Stereospecific Palladium-Catalyzed Acylation of Enantioenriched Alkylcarbazones: A General Alternative to Asymmetric Enolate Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 856-860.	13.8	33
10	Stereospecific Electrophilic Fluorination of Alkylcarbazone Reagents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12663-12667.	13.8	21
11	A General Approach to Stereospecific Cross-Coupling Reactions of Nitrogen-Containing Stereocenters. <i>Chem</i> , 2020, 6, 781-791.	11.7	13
12	The Stereochemical Course of Pd-Catalyzed Suzuki Reactions Using Primary Alkyltrifluoroborate Nucleophiles. <i>ACS Catalysis</i> , 2021, 11, 2504-2510.	11.2	8
13	Preparation of Enantioenriched Alkylcarbazones via Nucleophilic Inversion of Alkyl Mesylates for Use in Stereospecific Cross-Coupling Reactions. <i>Organometallics</i> , 2019, 38, 3912-3915.	2.3	6
14	Conformational Sensing by a Mammalian Olfactory Receptor. <i>Chemistry - A European Journal</i> , 2020, 26, 11462-11469.	3.3	3