

Joyce C Leung

List of Publications by Year in descending order

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14
papers

895
citations

687363

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21
all docs

21
docs citations

21
times ranked

781
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic intermolecular hydroacylation of C=C bonds in the absence of chelation assistance. <i>Chemical Science</i> , 2012, 3, 2202.	7.4	224
2	Diastereo- and Enantioselective Iridium-Catalyzed Carbonyl Propargylation from the Alcohol or Aldehyde Oxidation Level: 1,3-Enynes as Allenylmetal Equivalents. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2972-2976.	13.8	95
3	Direct, Redox-Neutral Prenylation and Geranylation of Secondary Carbinol C-H Bonds: C4-Regioselectivity in Ruthenium-Catalyzed C=C Couplings of Dienes to α -Hydroxy Esters. <i>Journal of the American Chemical Society</i> , 2012, 134, 15700-15703.	13.7	92
4	Start Selective and Rigidify: The Discovery Path toward a Next Generation of EGFR Tyrosine Kinase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10272-10293.	6.4	89
5	Hydroacylation of 2-butyne from the alcohol or aldehyde oxidation level via ruthenium catalyzed C=C bond forming transfer hydrogenation. <i>Tetrahedron</i> , 2009, 65, 5024-5029.	1.9	88
6	Amplification of Anti-Diastereoselectivity via Curtin-Hammett Effects in Ruthenium-Catalyzed Hydrohydroxyalkylation of 1,1-Disubstituted Allenes: Diastereoselective Formation of All-Carbon Quaternary Centers. <i>Journal of the American Chemical Society</i> , 2011, 133, 1141-1144.	13.7	83
7	Copper-catalyzed asymmetric hydrogenation of 2-substituted ketones <i>via</i> dynamic kinetic resolution. <i>Chemical Science</i> , 2018, 9, 4505-4510.	7.4	46
8	Ruthenium-Catalyzed Reductive Coupling of 1,3-Enynes and Aldehydes by Transfer Hydrogenation: <i>anti</i> -Diastereoselective Carbonyl Propargylation. <i>Chemistry - A European Journal</i> , 2012, 18, 16823-16827.	3.3	39
9	Alkyne-Aldehyde Reductive C=C Coupling through Ruthenium-Catalyzed Transfer Hydrogenation: Direct Regio- and Stereoselective Carbonyl Vinylation to Form Trisubstituted Allylic Alcohols in the Absence of Premetallated Reagents. <i>Chemistry - A European Journal</i> , 2011, 17, 12437-12443.	3.3	36
10	Total Synthesis of (\pm)-Phomoidride...D. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1991-1994.	13.8	28
11	Total Synthesis of (\pm)-Phomoidride...D. <i>Angewandte Chemie</i> , 2018, 130, 2009-2012.	2.0	19
12	A versatile catalyst system for enantioselective synthesis of 2-substituted 1,4-benzodioxanes. <i>Chemical Science</i> , 2019, 10, 4339-4345.	7.4	15
13	Discovery and Process Development of a Scalable Biocatalytic Kinetic Resolution toward Synthesis of a Sterically Hindered Chiral Ketone. <i>Organic Process Research and Development</i> , 2022, 26, 1820-1830.	2.7	6
14	Development of a Scalable Synthesis of <i>trans</i> -4-Fluorocyclohexylamine via Directed Hydrogenation. <i>Organic Process Research and Development</i> , 2021, 25, 632-641.	2.7	4