

Carolyn S Higman

List of Publications by Year in descending order

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1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Olefin Metathesis at the Dawn of Implementation in Pharmaceutical and Specialty Chemicals Manufacturing. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3552-3565.	7.2	243
2	Bimolecular Coupling as a Vector for Decomposition of Fast-Initiating Olefin Metathesis Catalysts. <i>Journal of the American Chemical Society</i> , 2018, 140, 6931-6944.	6.6	88
3	The divergent effects of strong NHC donation in catalysis. <i>Chemical Science</i> , 2015, 6, 6739-6746.	3.7	71
4	Efficient and Selective Iron-Complex-Catalyzed Hydroboration of Aldehydes. <i>ACS Catalysis</i> , 2018, 8, 1076-1081.	5.5	71
5	One-Pot 1,1-Dihydrofluoroalkylation of Amines Using Sulfuryl Fluoride. <i>Journal of the American Chemical Society</i> , 2018, 140, 16464-16468.	6.6	69
6	Isomerization During Olefin Metathesis: An Assessment of Potential Catalyst Culprits. <i>ChemCatChem</i> , 2013, 5, 3548-3551.	1.8	64
7	Catalyst Decomposition during Olefin Metathesis Yields Isomerization-Active Ruthenium Nanoparticles. <i>ChemCatChem</i> , 2016, 8, 2446-2449.	1.8	54
8	Chelate-Assisted Ring-Closing Metathesis: A Strategy for Accelerating Macrocyclization at Ambient Temperatures. <i>Journal of the American Chemical Society</i> , 2018, 140, 1604-1607.	6.6	49
9	Olefinmetathese als aufstrebende Methode zur Herstellung von Pharmazeutika und Spezialchemikalien. <i>Angewandte Chemie</i> , 2016, 128, 3612-3626.	1.6	44
10	Tandem catalysis versus one-pot catalysis: ensuring process orthogonality in the transformation of essential-oil phenylpropenoids into high-value products via olefin isomerization-metathesis. <i>Catalysis Science and Technology</i> , 2016, 6, 2077-2084.	2.1	33
11	Hands-On Data Analysis: Using 3D Printing To Visualize Reaction Progress Surfaces. <i>Journal of Chemical Education</i> , 2017, 94, 1367-1371.	1.1	22
12	Multinuclear Magnetic Resonance Investigation of Crystalline Alkali Molybdates. <i>Inorganic Chemistry</i> , 2015, 54, 9853-9861.	1.9	10
13	A Reactive Binaphtholate Building Block with Self-Tuning Hapticity. <i>Journal of the American Chemical Society</i> , 2011, 133, 14054-14062.	6.6	8
14	Synthesis and dynamic behaviour of a dimeric ruthenium benzyldiene complex bearing a truncated N-heterocyclic carbene ligand. <i>Journal of Organometallic Chemistry</i> , 2017, 847, 162-166.	0.8	5
15	Catalyst Decomposition during Olefin Metathesis Yields Isomerization-Active Ruthenium Nanoparticles. <i>ChemCatChem</i> , 2016, 8, 2424-2424.	1.8	3
16	Development of a telescoped synthesis of 4-(1 <i>H</i>)-cyanoimidazole core accelerated by orthogonal reaction monitoring. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1421-1428.	1.9	2