

# Carolyn S Higman

## List of Publications by Year in descending order

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16  
papers

839  
citations

840776

11  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1058  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.7	2
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.	13.7	88
3	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.	13.7	49
4	Efficient and Selective Iron-Complex-Catalyzed Hydroboration of Aldehydes. <i>ACS Catalysis</i> , 2018, 8, 1076-1081.	11.2	71
5	One-Pot 1,1-Dihydrofluoroalkylation of Amines Using Sulfuryl Fluoride. <i>Journal of the American Chemical Society</i> , 2018, 140, 16464-16468.	13.7	69
6	Synthesis and dynamic behaviour of a dimeric ruthenium benzylidene complex bearing a truncated N-heterocyclic carbene ligand. <i>Journal of Organometallic Chemistry</i> , 2017, 847, 162-166.	1.8	5
7	Hands-On Data Analysis: Using 3D Printing To Visualize Reaction Progress Surfaces. <i>Journal of Chemical Education</i> , 2017, 94, 1367-1371.	2.3	22
8	Olefinmetathese als aufstrebende Methode zur Herstellung von Pharmazeutika und Spezialchemikalien. <i>Angewandte Chemie</i> , 2016, 128, 3612-3626.	2.0	44
9	Olefin Metathesis at the Dawn of Implementation in Pharmaceutical and Specialty Chemicals Manufacturing. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3552-3565.	13.8	243
10	Catalyst Decomposition during Olefin Metathesis Yields Isomerization-Active Ruthenium Nanoparticles. <i>ChemCatChem</i> , 2016, 8, 2424-2424.	3.7	3
11	Catalyst Decomposition during Olefin Metathesis Yields Isomerization-Active Ruthenium Nanoparticles. <i>ChemCatChem</i> , 2016, 8, 2446-2449.	3.7	54
12	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.	4.1	33
13	Multinuclear Magnetic Resonance Investigation of Crystalline Alkali Molybdates. <i>Inorganic Chemistry</i> , 2015, 54, 9853-9861.	4.0	10
14	The divergent effects of strong NHC donation in catalysis. <i>Chemical Science</i> , 2015, 6, 6739-6746.	7.4	71
15	Isomerization During Olefin Metathesis: An Assessment of Potential Catalyst Culprits. <i>ChemCatChem</i> , 2013, 5, 3548-3551.	3.7	64
16	A Reactive Ru-“Binaphtholate Building Block with Self-Tuning Hapticity. <i>Journal of the American Chemical Society</i> , 2011, 133, 14054-14062.	13.7	8