

# Justin Lummiss

## List of Publications by Year in descending order

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942  
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#	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.	13.8	243
2	Operation of the Boomerang Mechanism in Olefin Metathesis Reactions Promoted by the Second-Generation Hoveyda Catalyst. <i>ACS Catalysis</i> , 2014, 4, 2387-2394.	11.2	78
3	Chemical Plants: High-Value Molecules from Essential Oils. <i>Journal of the American Chemical Society</i> , 2012, 134, 18889-18891.	13.7	76
4	The divergent effects of strong NHC donation in catalysis. <i>Chemical Science</i> , 2015, 6, 6739-6746.	7.4	71
5	A General Decomposition Pathway for Phosphine-Stabilized Metathesis Catalysts: Lewis Donors Accelerate Methylidene Abstraction. <i>Journal of the American Chemical Society</i> , 2016, 138, 14668-14677.	13.7	71
6	Amine-Mediated Degradation in Olefin Metathesis Reactions that Employ the Second-Generation Grubbs Catalyst. <i>ChemCatChem</i> , 2014, 6, 459-463.	3.7	57
7	Reactions of Grubbs Catalysts with Excess Methoxide: Formation of Novel Methoxyhydride Complexes. <i>Organometallics</i> , 2012, 31, 2349-2356.	2.3	49
8	Donor-Induced Decomposition of the Grubbs Catalysts: An Intercepted Intermediate. <i>Organometallics</i> , 2014, 33, 6738-6741.	2.3	49
9	Ethylene-Promoted versus Ethylene-Free Enyne Metathesis. <i>Journal of the American Chemical Society</i> , 2011, 133, 15918-15921.	13.7	45
10	Olefinmetathese als aufstrebende Methode zur Herstellung von Pharmazeutika und Spezialchemikalien. <i>Angewandte Chemie</i> , 2016, 128, 3612-3626.	2.0	44
11	Targeting an Achilles heel in olefin metathesis: A strategy for high-yield synthesis of second-generation Grubbs methylidene catalysts. <i>Catalysis Science and Technology</i> , 2012, 2, 1630.	4.1	31
12	Sterically Driven Olefin Metathesis: The Impact of Alkylidene Substitution on Catalyst Activity. <i>Organometallics</i> , 2016, 35, 691-698.	2.3	30
13	Isotopic probes for ruthenium-catalyzed olefin metathesis. <i>Catalysis Science and Technology</i> , 2014, 4, 4210-4218.	4.1	29
14	Clean, Convenient, High-Yield Access to Second-Generation Ru Metathesis Catalysts from Commercially Available Precursors. <i>ChemCatChem</i> , 2012, 4, 2020-2025.	3.7	26