

# Karl J Bonney

## List of Publications by Year in descending order

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8  
papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Epimeric Face-Selective Oxidations and Diastereodivergent Transannular Oxonium Ion Formation Fragmentations: Computational Modeling and Total Syntheses of 12-Epoxyobtusallene IV, 12-Epoxyobtusallene II, Obtusallene X, Marilzabicycloallene C, and Marilzabicycloallene D. <i>Journal of Organic Chemistry</i> , 2016, 81, 9539-9552.	3.2	21
2	Computational Ligand Design for the Reductive Elimination of ArCF <sub>3</sub> from a Small Bite Angle Pd <sup>II</sup> Complex: Remarkable Effect of a Perfluoroalkyl Phosphine. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5903-5906.	13.8	107
3	Kinetic and Computational Studies on Pd(I) Dimer-Mediated Halogen Exchange of Aryl Iodides. <i>Journal of Organic Chemistry</i> , 2014, 79, 12041-12046.	3.2	53
4	Experiment and computation: a combined approach to study the reactivity of palladium complexes in oxidation states 0 to <sup>iv</sup> . <i>Chemical Society Reviews</i> , 2014, 43, 6609.	38.1	136
5	Trifluoromethylation of Ketones and Aldehydes with Bu <sub>3</sub> SnCF <sub>3</sub> . <i>Journal of Organic Chemistry</i> , 2013, 78, 7749-7753.	3.2	24
6	Dinuclear Pd(i) complexes "solely precatalysts? Demonstration of direct reactivity of a Pd(i) dimer with an aryl iodide. <i>Chemical Science</i> , 2013, 4, 4434.	7.4	103
7	A Unifying Stereochemical Analysis for the Formation of Halogenated C15-Acetogenin Medium-Ring Ethers From Laurencia Species via Intramolecular Bromonium Ion Assisted Epoxide Ring-Opening and Experimental Corroboration with a Model Epoxide. <i>Journal of Organic Chemistry</i> , 2012, 77, 9574-9584.	3.2	29
8	Intramolecular Bromonium Ion Assisted Epoxide Ring-Opening: Capture of the Oxonium Ion with an Added External Nucleophile. <i>Journal of Organic Chemistry</i> , 2011, 76, 97-104.	3.2	31