

Edyta M Greer

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Thermally activated tunneling in organic reactions. <i>Tetrahedron</i> , 2016, 72, 7357-7373.	1.9	42
2	Heavy-Atom Tunneling Calculations in Thirteen Organic Reactions: Tunneling Contributions are Substantial, and Bell's Formula Closely Approximates Multidimensional Tunneling at 250 K. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13099-13102.	13.8	39
3	Computational Evidence for Heavy-Atom Tunneling in the Bergman Cyclization of a 10-Membered-Ring Eneidyne. <i>Journal of the American Chemical Society</i> , 2013, 135, 10194-10197.	13.7	32
4	Heavy-Atom Tunneling Calculations in Thirteen Organic Reactions: Tunneling Contributions are Substantial, and Bell's Formula Closely Approximates Multidimensional Tunneling at 250 K. <i>Angewandte Chemie</i> , 2017, 129, 13279-13282.	2.0	17
5	Oxidative ring-contraction of 3H-1-benzazepines to quinoline derivatives. <i>Tetrahedron Letters</i> , 2015, 56, 6886-6889.	1.4	14
6	Tandem ring-contraction/decarbonylation of 2,4-diphenyl-3H-1-benzazepine to 2,4-diphenylquinoline. <i>Tetrahedron</i> , 2013, 69, 147-151.	1.9	9
7	Mechanism of Photochemical O-Atom Exchange in Nitrosamines with Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2015, 80, 6119-6127.	3.2	9
8	Interplay of Nitrogen-Atom Inversion and Conformational Inversion in Enantiomerization of 1 <i>H</i> -1-Benzazepines. <i>Journal of Organic Chemistry</i> , 2016, 81, 3313-3320.	3.2	9
9	Experimental and DFT Computational Insight into Nitrosamine Photochemistry. <i>Oxygen Matters. Journal of Physical Chemistry A</i> , 2017, 121, 5954-5966.	2.5	9
10	Experimental and Theoretical Studies of a One-Flask Synthesis of 3H-1-Benzazepines from 2-Haloanilines and 1,2-Unsaturated Ketones. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2363-2371.	2.4	6
11	Theoretical Study of the Bergman Cyclization of 2,3-Diethynyl-1-nitrotropylium Ion: Formation of a Nitroxide Radical Amenable to EPR Detection for Biological Applications. <i>Journal of Organic Chemistry</i> , 2010, 75, 8650-8653.	3.2	6
12	Kinetic Control in the Regioselective Alkylation of Pterin Sensitizers: A Synthetic, Photochemical, and Theoretical Study. <i>Photochemistry and Photobiology</i> , 2018, 94, 834-844.	2.5	6
13	Regioselective alkylation reactions of 2,4-diphenyl-3H-1-benzazepine give either 3-alkyl-3H-1-benzazepines or 1-alkyl-1H-1-benzazepines. <i>Tetrahedron Letters</i> , 2014, 55, 4386-4389.	1.4	5
14	Maltol- and Allomaltol-Derived Oxidopyrylium Ylides: Methyl Substitution Pattern Kinetically Influences [5 + 3] Dimerization versus [5 + 2] Cycloaddition Reactions. <i>Journal of Organic Chemistry</i> , 2019, 84, 14670-14678.	3.2	4
15	Mono- and Bis-Alkylated Lumazine Sensitizers: Synthetic, Molecular Orbital Theory, Nucleophilic Index and Photochemical Studies. <i>Photochemistry and Photobiology</i> , 2021, 97, 80-90.	2.5	4
16	Marie Curie: Pioneering Discoveries and Humanitarianism. <i>Helvetica Chimica Acta</i> , 2011, 94, 1893-1907.	1.6	3
17	A Curtin-Hammett pentamethylene chain symmetrization process in the Bergman cyclization of an 11-membered ring enediynes. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 1293-1298.	1.9	3
18	Overview of Computational Methods for Organic Chemists. , 2018, , 31-67.		3

#	ARTICLE	IF	CITATIONS
19	Computational Evidence for Tunneling and a <i>Hidden Intermediate</i> in the Biosynthesis of Tetrahydrocannabinol. <i>Journal of the American Chemical Society</i> , 2022, 144, 7646-7656.	13.7	3
20	Density Functional Theory and ab Initio Computational Evidence for Nitrosamine Photoperoxides: Hammett Substituent Effects in the Photogeneration of the Nitrooxide Intermediate. <i>Photochemistry and Photobiology</i> , 2018, 94, 975-984.	2.5	1
21	Butylated hydroxytoluene enediynes: access to diradical and electrophilic quinone methide intermediates. <i>Journal of Physical Organic Chemistry</i> , 2015, 28, 365-369.	1.9	0