Edyta M Greer

List of Publications by Year
in descending order

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21	224	1163117 8	996975 15
papers	citations	h-index	g-index

23	23	23	190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational Evidence for Tunneling and a Hidden Intermediate in the Biosynthesis of Tetrahydrocannabinol. Journal of the American Chemical Society, 2022, 144, 7646-7656.	13.7	3
2	Mono â€•and Bis â€Alkylated Lumazine Sensitizers: Synthetic, Molecular Orbital Theory, Nucleophilic Index and Photochemical Studies. Photochemistry and Photobiology, 2021, 97, 80-90.	2.5	4
3	Maltol- and Allomaltol-Derived Oxidopyrylium Ylides: Methyl Substitution Pattern Kinetically Influences [5 + 3] Dimerization versus [5 + 2] Cycloaddition Reactions. Journal of Organic Chemistry, 2019, 84, 14670-14678.	3.2	4
4	Kinetic Control in the Regioselective Alkylation of Pterin Sensitizers: A Synthetic, Photochemical, and Theoretical Study. Photochemistry and Photobiology, 2018, 94, 834-844.	2.5	6
5	Overview of Computational Methods for Organic Chemists. , 2018, , 31-67.		3
6	Density Functional Theory and ab Initio Computational Evidence for Nitrosamine Photoperoxides: Hammett Substituent Effects in the Photogeneration of the Nitrooxide Intermediate. Photochemistry and Photobiology, 2018, 94, 975-984.	2.5	1
7	Heavyâ€Atom Tunneling Calculations in Thirteen Organic Reactions: Tunneling Contributions are Substantial, and Bell's Formula Closely Approximates Multidimensional Tunneling at â‰¥250â€…K. Angewandte Chemie, 2017, 129, 13279-13282.	2.0	17
8	Heavyâ€Atom Tunneling Calculations in Thirteen Organic Reactions: Tunneling Contributions are Substantial, and Bell's Formula Closely Approximates Multidimensional Tunneling at â‰¥250â€…K. Angewandte Chemie - International Edition, 2017, 56, 13099-13102.	13.8	39
9	Experimental and DFT Computational Insight into Nitrosamine Photochemistryâ€”Oxygen Matters. Journal of Physical Chemistry A, 2017, 121, 5954-5966.	2.5	9
10	Interplay of Nitrogen-Atom Inversion and Conformational Inversion in Enantiomerization of 1H-1-Benzazepines. Journal of Organic Chemistry, 2016, 81, 3313-3320.	3.2	9
11	Thermally activated tunneling in organic reactions. Tetrahedron, 2016, 72, 7357-7373.	1.9	42
12	Mechanism of Photochemical O-Atom Exchange in Nitrosamines with Molecular Oxygen. Journal of Organic Chemistry, 2015, 80, 6119-6127.	3.2	9
13	Oxidative ring-contraction of 3H-1-benzazepines to quinoline derivatives. Tetrahedron Letters, 2015, 56, 6886-6889.	1.4	14
14	Butylated hydroxytoluene enediyne: access to diradical and electrophilic quinone methide intermediates. Journal of Physical Organic Chemistry, 2015, 28, 365-369.	1.9	0
15	Regioselective alkylation reactions of 2,4-diphenyl-3H-1-benzazepine give either 3-alkyl-3H-1-benzazepines or 1-alkyl-1H-1-benzazepines. Tetrahedron Letters, 2014, 55, 4386-4389.	1.4	5
16	Computational Evidence for Heavy-Atom Tunneling in the Bergman Cyclization of a 10-Membered-Ring Enediyne. Journal of the American Chemical Society, 2013, 135, 10194-10197.	13.7	32
17	Tandem ring-contraction/decarbonylation of 2,4-diphenyl-3H-1-benzazepine to 2,4-diphenylquinoline. Tetrahedron, 2013, 69, 147-151.	1.9	9
18	A Curtinâ€“Hammett pentamethylene chain symmetrization process in the Bergman cyclization of an 11â€membered ring enediyne. Journal of Physical Organic Chemistry, 2012, 25, 1293-1298.	1.9	3

#	Article	IF	Citations
19	Marie Curie: Pioneering Discoveries and Humanitarianism. Helvetica Chimica Acta, 2011, 94, 1893-1907.	1.6	3
20	Experimental and Theoretical Studies of a One-Flask Synthesis of 3H-1-Benzazepines from 2-Haloanilines and Î±,Î²-Unsaturated Ketones. European Journal of Organic Chemistry, 2010, 2010, 2363-2371.	2.4	6
21	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.. Journal of Organic Chemistry, 2010, 75, 8650-8653.	3.2	6