

Enrique Manuel Arpa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A molecular insight into the photophysics of barbituric acid, a candidate for canonical nucleobasesâ€™ ancestor. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1405-1414.	1.3	1
2	Transient changes in aromaticity and their effect on excited-state proton transfer reactions. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 11496-11500.	1.3	3
3	Interplay between the Directing Group and Multifunctional Acetate Ligand in Pd-Catalyzed <i>anti</i> -Acetoxylation of Unsymmetrical Dialkyl-Substituted Alkynes. <i>ACS Catalysis</i> , 2022, 12, 6596-6605.	5.5	8
4	2-Oxopurine Riboside: A Dual Fluorescent Analog and Photosensitizer for RNA/DNA Research. <i>Journal of Physical Chemistry B</i> , 2022, 126, 4483-4490.	1.2	3
5	A novel partitioning scheme for the application of the distortion/interaction-activation strain model to intramolecular reactions. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	0.5	5
6	On the Origin of the Photostability of DNA and RNA Monomers: Excited State Relaxation Mechanism of the Pyrimidine Chromophore. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5156-5161.	2.1	10
7	Intramolecular Hydrogen Bond Activation of Aza-Methylene Imines in Hydrogen Bond Bifunctional Catalysis â€“ A Density Functional Theory Study. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 574-581.	1.2	10
8	Intramolecular Hydrogen Bond Activation: Thiourea-Organocatalyzed Enantioselective 1,3-Dipolar Cycloaddition of Salicylaldehyde-Derived Azomethine Ylides with Nitroalkenes. <i>ACS Catalysis</i> , 2018, 8, 1884-1890.	5.5	63
9	Unravelling the Mechanism of Non-photoactivated [2+2] Cycloaddition Reactions: Relevance of Orbital Interactions and Zwitterionic Intermediates. <i>ChemistrySelect</i> , 2017, 2, 1089-1093.	0.7	3
10	Weakly bounded intermediates as a previous step towards highly-enantioselective iminium type additions of β^2 -keto-sulfoxides and -sulfones. <i>Journal of Molecular Catalysis A</i> , 2016, 423, 308-318.	4.8	9
11	Catalytic Asymmetric Synthesis of Bicycloprolines by a 1,3-Dipolar Cycloaddition/Intramolecular Alkylation Strategy. <i>Journal of Organic Chemistry</i> , 2016, 81, 6128-6135.	1.7	14