Wafaa Benchouk

List of Publications by Year
in descending order

13 papers	234 citations	1307594 7 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	272 citing authors

#	Article	IF	Citations
1	Understanding the regioselectivity of the copper(I)- and ruthenium(II)- catalyzed [3 + 2] cycloadditions of azido derivative of ribose with terminal alkyne: a theoretical study. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	3
2	Theoretical Insight into the Reversal of Chemoselectivity in Diels-Alder Reactions of Î±,Î²-Unsaturated Aldehydes and Ketones Catalyzed by BrÃ¸nsted and Lewis Acids. Organics, 2021, 2, 38-49.	1.3	2
3	Understanding the Influence of the Trifluoromethyl Group on the Selectivities of the [3+2] Cycloadditions of Thiocarbonyl Sâ€methanides with Î±,Î²â€Unsaturated Ketones. A MEDT study. ChemistrySelect, 2020, 5, 12791-12806.	1.5	4
4	Prediction of the Regioselectivity of 1,3-Dipolar Cycloaddition Reactions of Nitrile Oxides with 2(5H)-Furanones Using Recent Theoretical Reactivity Indices. Progress in Reaction Kinetics and Mechanism, 2017, 42, 289-299.	2.1	1
5	Theoretical study of the regio- and stereoselectivity of the intramolecular Povarov reactions yielding 5H-chromeno[2,3-c] acridine derivatives. RSC Advances, 2016, 6, 15759-15769.	3.6	10
6	Regio- and diastereoselectivity of the 1,3-dipolar cycloaddition of Î±-aryl nitrone with methacrolein. A theoretical investigation. RSC Advances, 2015, 5, 22126-22134.	3.6	4
7	Understanding the kinetic solvent effects on the 1,3â€dipolar cycloaddition of benzonitrile Nâ€oxide: a DFT study. Journal of Physical Organic Chemistry, 2011, 24, 611-618.	1.9	79
8	Understanding the regio- and chemoselective polar [3+2] cycloaddition of the Padwa carbonyl ylides with Î±-methylene ketones. A DFT study. Tetrahedron, 2009, 65, 4644-4651.	1.9	31
9	Theoretical analysis of the regioselectivity of 1,3-dipolar cycloaddition of C-(methoxycarbonyl)-N-methyl with methyl acrylate and vinyl acetate. Computational and Theoretical Chemistry, 2008, 852, 46-53.	1.5	32
10	Theoretical study of the mechanism and regioselectivity of the 1,3-dipolar cycloaddition of diazomethane with methyl acrylate using theoretical approaches. Computational and Theoretical Chemistry, 2008, 862, 1-6.	1.5	19
11	Understanding the role of the Lewis acid catalyst on the 1,3-dipolar cycloaddition of N-benzylideneaniline N-oxide with acrolein: a DFT study. Tetrahedron, 2007, 63, 4464-4471.	1.9	37
12	Prediction of the reactivity of 2(5H)-furanones as potential dienophiles in Dielsâ€“Alder reactions using philicity indexes. Computational and Theoretical Chemistry, 2007, 821, 42-46.	1.5	9
13	REGIOSELECTIVITY OF HETERO DIELSâ€“ALDER REACTIONS BETWEEN 1-AZA-1,3-BUTADIENE DERIVATIVES AND DIMETHYLVINYLAMINE: A THEORETICAL INVESTIGATION. Journal of Theoretical and Computational Chemistry, 2006, 05, 707-718.	1.8	3