Boubaker Taoufik

List of Publications by Year
in descending order

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33	934	566801 15	454577 30
papers	citations	h-index	g-index

33	33	33	538
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring the reactivity of benzotriazole derivatives: Mayr's approach and density functional theory analysis. Journal of Molecular Structure, 2022, 1247, 131310.	1.8	3
2	Structureâ€“property relationships in para-substituted nitrobenzofurazans: electrochemical, optical, and theoretical analysis. Chemical Papers, 2022, 76, 4059-4080.	1.0	7
3	Relationships between experimental and theoretical scales of electrophilicity of 7-L-4-nitrobenzofurazans. Journal of Molecular Structure, 2021, 1224, 128843.	1.8	14
4	Quantification of the Electrophilic Reactivities of Benzotriazoles and Structureâ€Reactivity Relationships. ChemistrySelect, 2021, 6, 4424-4431.	0.7	3
5	Coordination Chemistry of a Bis(Tetrazine) Tweezer: A Case of Host-Guest Behavior with Silver Salts. Molecules, 2021, 26, 2705.	1.7	0
6	First-principles study of the reaction mechanism governing the SNAr of the dimethylamine on 2-methoxy-5-nitrothiophenes. Theoretical Chemistry Accounts, 2020, 139, 1.	0.5	5
7	Influence of solvent mixture on nucleophilicity parameters: the case of pyrrolidine in methanolâ€“acetonitrile. RSC Advances, 2020, 10, 28635-28643.	1.7	11
8	Ambident electrophilicity of 4â€nitrobenzochalcogenadiazoles: Kinetic studies and structureâ€reactivity relationships. International Journal of Chemical Kinetics, 2020, 52, 669-680.	1.0	9
9	Electrophilic reactivities of 7â€Lâ€4â€nitrobenzofurazans in Ïƒâ€complexation processes: Kinetic studies and structureâ€“reactivity relationships. International Journal of Chemical Kinetics, 2020, 52, 655-668.	1.0	9
10	Electrophilicities of 4â€Nitrobenzochalcogenadiazoles. ChemistrySelect, 2020, 5, 7648-7657.	0.7	6
11	The N-alkylation of 4-nitrobenzochalcogenadiazoles: Synthesis and theoretical approach. Journal of Molecular Structure, 2019, 1197, 80-86.	1.8	3
12	S_NAr reactions of substituted pyridines with secondary amines in aqueous solution: Kinetic and reactivity indices in density functional theory. International Journal of Chemical Kinetics, 2019, 51, 249-257.	1.0	8
13	Kinetics and quantification of the electrophilic reactivities of substituted thiophenes and structureâ€reactivity relationships. International Journal of Chemical Kinetics, 2018, 50, 582-590.	1.0	9
14	The ambident electrophilic behavior of 5â€nitroâ€3â€Xâ€thiophenes in Ïƒâ€complexation processes. International Journal of Chemical Kinetics, 2018, 50, 659-669.	1.0	11
15	Singleâ€Electron Transfer in Ïƒâ€Complexation Reactions of 2,6â€Dimethoxyâ€3,5â€dinitropyridine with Paraâ€Xâ€phenoxide Anions in Aqueous Solution. International Journal of Chemical Kinetics, 2016, 48, 523-530.	1.0	8
16	Kinetics of alkaline hydrolysis of pâ€substituted benzylidenemalononitriles in 50% aqueous acetonitrile: substituent effects and quantification of the electrophilic reactivity. Journal of Physical Organic Chemistry, 2014, 27, 484-489.	0.9	28
17	Regioselectivity and High Electrophilicity in the Ïƒ Complexation of Aromatic Triflones. European Journal of Organic Chemistry, 2014, 2014, 6774-6786.	1.2	7
18	Substituent effects on the reactions of aromatic triflones with paraâ€Xâ€anilines in methanol: Low intrinsic reactivity and transition state imbalances. International Journal of Chemical Kinetics, 2011, 43, 255-262.	1.0	24

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19	Activation of the aromatic system by the SO₂CF₃ group: Kinetics study and structureâ€"reactivity relationships. International Journal of Chemical Kinetics, 2010, 42, 203-210.	1.0	23
20	The Ambident Reactivity of 2,4,6â€Tris(trifluoromethanesulfonyl)anisole in Methanol: Using the SO₂CF₃ Group as a Tool to Reach the Superelectrophilic Dimension in Ïƒâ€Complexation Processes. Chemistry - A European Journal, 2009, 15, 12018-12029.	1.7	27
21	Electrophilicity of aromatic triflones in Ïƒ-complexation processes. Organic and Biomolecular Chemistry, 2008, 6, 4041.	1.5	44
22	Mayr electrophilicity predicts the dual Dielsâ€"Alder and Ïƒ-adduct formation behaviour of heteroaromatic super-electrophiles. Organic and Biomolecular Chemistry, 2007, 5, 1744-1751.	1.5	48
23	Superelectrophilicity of the Nitroolefinic Fragment of 4â€Nitrobenzodifuroxan in Michaelâ€Type Reactions with Indoles: A Kinetic Study in Acetonitrile. Chemistry - A European Journal, 2007, 13, 8317-8324.	1.7	28
24	Nucleophilic Reactivities of Indoles. Journal of Organic Chemistry, 2006, 71, 9088-9095.	1.7	281
25	Nitrobenzoxadiazoles and related heterocycles: a relationship between aromaticity, superelectrophilicity and pericyclic reactivity. Organic and Biomolecular Chemistry, 2006, 4, 1910.	1.5	51
26	Ranking the Reactivity of Superelectrophilic Heteroaromatics on the Electrophilicity Scale. Journal of Organic Chemistry, 2005, 70, 6242-6253.	1.7	104
27	An extremely highly electrophilic heteroaromatic structure: 4,6-dinitrotetrazolo[1,5-a]pyridineElectronic supplementary information (ESI) available: Fig. S1 Effect of pH on the ionization of the OH group of C-4a to give the diadduct D-4a in aqueous solution. See http://www.rsc.org/suppdata/ob/b3/b306437a/. Organic and Biomolecular Chemistry, 2003, 1, 2764.	1.5	38
28	Water and hydroxide ion pathways in the Ïƒ-complexation of superelectrophilic 2-aryl-4,6-dinitrobenzotriazole 1-oxides in aqueous solution. A kinetic and thermodynamic study. Perkin Transactions II RSC, 2002, , 1627-1633.	1.1	32
29	The versatile reactivity of 2-aryl-4,6-dinitrobenzotriazole 1-oxides in Diels-Alder type condensations and in Ïƒ-complexation - A relationship between superelectrophilicity and pericyclic reactivity. Canadian Journal of Chemistry, 2001, 79, 1617-1623.	0.6	29
30	Steric effects on the intrinsic reactivity of nitrotriphenylmethanes. Journal of Organic Chemistry, 1992, 57, 3924-3929.	1.7	39
31	Ionization of nitrotriphenylmethanes. Remarkable kinetic evidence for steric inhibition to resonance and F-strain. Journal of the Chemical Society Perkin Transactions II, 1990, , 1899.	0.9	20
32	Nucleophilicities of paraâ€substituted aniline radical cations in acetonitrile: Kinetic investigation and structureâ€"reactivity relationships. International Journal of Chemical Kinetics, 0, , .	1.0	1
33	Structure-Property Relationships in Benzofurazan Derivatives: A Combined Experimental and DFT/TD-DFT Investigation. , 0, , .		4