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	Nucleophilic Reactivities of Indoles. Journal of Organic Chemistry, 2006, 71, 9088-9095.	1.7	281
2	Ranking the Reactivity of Superelectrophilic Heteroaromatics on the Electrophilicity Scale. Journal of Organic Chemistry, 2005, 70, 6242-6253.	1.7	104
3	Nitrobenzoxadiazoles and related heterocycles: a relationship between aromaticity, superelectrophilicity and pericyclic reactivity. Organic and Biomolecular Chemistry, 2006, 4, 1910.	1.5	51
4	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
5	Electrophilicity of aromatic triflones in Ïƒ-complexation processes. Organic and Biomolecular Chemistry, 2008, 6, 4041.	1.5	44
6	Steric effects on the intrinsic reactivity of nitrotriphenylmethanes. Journal of Organic Chemistry, 1992, 57, 3924-3929.	1.7	39
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Relationships between experimental and theoretical scales of electrophilicity of 7-L-4-nitrobenzofurazans. Journal of Molecular Structure, 2021, 1224, 128843.	1.8	14
17	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
18	Influence of solvent mixture on nucleophilicity parameters: the case of pyrrolidine in methanolâ€“acetonitrile. RSC Advances, 2020, 10, 28635-28643.	1.7	11

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19	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
20	Ambident electrophilicity of 4â€nitrobenzochalcogenadiazoles: Kinetic studies and structureâ€reactivity relationships. International Journal of Chemical Kinetics, 2020, 52, 669-680.	1.0	9
21	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
22	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
23	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
24	Regioselectivity and High Electrophilicity in the Ïƒ Complexation of Aromatic Triflones. European Journal of Organic Chemistry, 2014, 2014, 6774-6786.	1.2	7
25	Structureâ€“property relationships in para-substituted nitrobenzofurazans: electrochemical, optical, and theoretical analysis. Chemical Papers, 2022, 76, 4059-4080.	1.0	7
26	Electrophilicities of 4â€Nitrobenzochalcogenadiazoles. ChemistrySelect, 2020, 5, 7648-7657.	0.7	6
27	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
28	Structure-Property Relationships in Benzofurazan Derivatives: A Combined Experimental and DFT/TD-DFT Investigation. , 0, , .		4
29	The N-alkylation of 4-nitrobenzochalcogenadiazoles: Synthesis and theoretical approach. Journal of Molecular Structure, 2019, 1197, 80-86.	1.8	3
30	Quantification of the Electrophilic Reactivities of Benzotriazoles and Structureâ€Reactivity Relationships. ChemistrySelect, 2021, 6, 4424-4431.	0.7	3
31	Exploring the reactivity of benzotriazole derivatives: Mayr's approach and density functional theory analysis. Journal of Molecular Structure, 2022, 1247, 131310.	1.8	3
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	Coordination Chemistry of a Bis(Tetrazine) Tweezer: A Case of Host-Guest Behavior with Silver Salts. Molecules, 2021, 26, 2705.	1.7	0