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List of Publications by Year
in descending order

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14 papers	185 citations	1039406 9 h-index	1058022 14 g-index
14 all docs	14 docs citations	14 times ranked	73 citing authors

#	Article	IF	Citations
1	Thermo-kinetic theoretical studies on pyrolysis of dimethoxymethane fuel additive. Fuel, 2021, 290, 119970.	3.4	22
2	Thermochemistry and Kinetics of the Thermal Degradation of 2-Methoxyethanol as Possible Biofuel Additives. Scientific Reports, 2019, 9, 4535.	1.6	20
3	A computational study on the kinetics of pyrolysis of isopropyl propionate as a biodiesel model: DFT and ab initio investigation. Fuel, 2020, 281, 118798.	3.4	18
4	Simulated kinetics of the atmospheric removal of aniline during daytime. Chemosphere, 2020, 255, 127031.	4.2	18
5	Computational Studies on the Thermodynamic and Kinetic Parameters of Oxidation of 2-Methoxyethanol Biofuel via H-Atom Abstraction by Methyl Radical. Scientific Reports, 2019, 9, 15361.	1.6	17
6	Structures, energetics, and kinetics of H-atom abstraction from methyl propionate by molecular oxygen: Ab initio and DFT investigations. Computational and Theoretical Chemistry, 2021, 1196, 113119.	1.1	15
7	Atmospheric chemistry of oxazole: the mechanism and kinetic studies of the oxidation reaction initiated by OH radicals. New Journal of Chemistry, 2021, 45, 2237-2248.	1.4	15
8	First-principle studies on the gas phase OH-initiated oxidation of O-toluidine. Computational and Theoretical Chemistry, 2019, 1170, 112634.	1.1	13
9	Ab initio-based kinetics of hydrogen atom abstraction from methyl propionate by H and CH3 radicals: a biodiesel model. Structural Chemistry, 2021, 32, 1857-1872.	1.0	12
10	Mechanistic insights of the degradation of an O-anisidine carcinogenic pollutant initiated by OH radical attack: theoretical investigations. New Journal of Chemistry, 2021, 45, 5907-5924.	1.4	10
11	First-principle kinetic studies of unimolecular pyrolysis of isopropyl esters as biodiesel surrogates. Theoretical Chemistry Accounts, 2021, 140, 1.	0.5	8
12	A W1 computational study on the kinetics of initial pyrolysis of a biodiesel model: methyl propanoate. New Journal of Chemistry, 2021, 45, 19531-19541.	1.4	7
13	Theoretical investigations on the unimolecular decomposition mechanisms of isopropyl acetate. Journal of Molecular Structure, 2022, 1262, 133006.	1.8	6
14	Structures, Energetics, and Spectra of (NH) and (OH) Tautomers of 2-(2-Hydroxyphenyl)-1-azaazulene: A Density Functional Theory/Time-Dependent Density Functional Theory Study. ACS Omega, 2022, 7, 14222-14238.	1.6	4