

Maria

List of Publications by Year in descending order

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12
papers

179
citations

1307594

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1281871

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12
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation mechanism of 2-fluoropropene by Cl atoms: experimental and theoretical products distribution studies. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	2.8	1
2	FTIR product study of the Cl-initiated oxidation products of CFC replacements: (<i>E</i>)-1,2,3,3,3-pentafluoropropene and hexafluoroisobutylene. <i>RSC Advances</i> , 2021, 11, 12739-12747.	3.6	4
3	Degradation of a series of fluorinated acrylates and methacrylates initiated by OH radicals at different temperatures. <i>RSC Advances</i> , 2020, 10, 4264-4273.	3.6	0
4	Product distribution and mechanism of the OH [•] initiated tropospheric degradation of three CFC replacement candidates: CH ₃ CF ₂ CH ₂ , (CF ₃) ₂ CF ₂ CH ₂ and (<i>E</i>)-CF ₃ CF ₂ CH ₂ . <i>RSC Advances</i> , 2019, 9, 5592-5598.	3.6	8
5	CFCs replacements: Reactivity and atmospheric lifetimes of a series of Hydrofluoroolefins towards OH radicals and Cl atoms. <i>Chemical Physics Letters</i> , 2019, 714, 190-196.	2.6	20
6	Atmospheric degradation of industrial fluorinated acrylates and methacrylates with Cl atoms at atmospheric pressure and 298 K. <i>Atmospheric Environment</i> , 2018, 178, 206-213.	4.1	7
7	Mechanism and Product Distribution of the O ₃ -Initiated Degradation of (<i>E</i>)-2-Heptenal, (<i>E</i>)-2-Octenal, and (<i>E</i>)-2-Nonenal. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5147-5155.	2.5	7
8	Arrhenius parameters for the OH-initiated degradation of methyl crotonate, methyl-3,3-dimethyl acrylate, (<i>E</i>)-ethyl tiglate and methyl-3-butenolate over the temperature range of 288–314 K. <i>RSC Advances</i> , 2016, 6, 53723-53729.	3.6	3
9	Gas-phase reactivity study of a series of hydrofluoroolefins (HFOs) toward OH radicals and Cl atoms at atmospheric pressure and 298 K. <i>Atmospheric Environment</i> , 2014, 88, 107-114.	4.1	28
10	FTIR Product Distribution Study of the Cl and OH Initiated Degradation of Methyl Acrylate at Atmospheric Pressure. <i>Environmental Science & Technology</i> , 2010, 44, 7031-7036.	10.0	12
11	OH-Initiated Degradation of Unsaturated Esters in the Atmosphere: Kinetics in the Temperature Range of 287–313 K. <i>Journal of Physical Chemistry A</i> , 2009, 113, 5958-5965.	2.5	44
12	On the OH-initiated degradation of methacrylates in the troposphere: Gas-phase kinetics and formation of pyruvates. <i>Chemical Physics Letters</i> , 2006, 429, 389-394.	2.6	45