

# Maria

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

179  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	FTIR Product Distribution Study of the Cl and OH Initiated Degradation of Methyl Acrylate at Atmospheric Pressure. <i>Environmental Science &amp; Technology</i> , 2010, 44, 7031-7036.	10.0	12
6	Product distribution and mechanism of the OH-initiated tropospheric degradation of three CFC replacement candidates: CH <sub>3</sub> CF <sub>2</sub> CH <sub>2</sub> , (CF <sub>3</sub> ) <sub>2</sub> CH <sub>2</sub> and (E)-CF <sub>3</sub> CH=CH <sub>2</sub> . <i>RSC Advances</i> , 2019, 9, 5592-5598.	3.6	8
7	Mechanism and Product Distribution of the O <sub>3</sub> -Initiated Degradation of (E)-2-Heptenal, (E)-2-Octenal, and (E)-2-Nonenal. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5147-5155.	2.5	7
8	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
9	FTIR product study of the Cl-initiated oxidation products of CFC replacements: (E)-1,2,3,3,3-pentafluoropropene and hexafluoroisobutylene. <i>RSC Advances</i> , 2021, 11, 12739-12747.	3.6	4
10	Arrhenius parameters for the OH-initiated degradation of methyl crotonate, methyl-3,3-dimethyl acrylate, (E)-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
11	Degradation mechanism of 2-fluoropropene by Cl atoms: experimental and theoretical products distribution studies. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	2.8	1
12	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