Alexis Coppalle

List of Publications by Year
in descending order

10 papers	229 citations	1163117 8 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	181 citing authors

#	Article	IF	Citations
1	Effects of multiple scattering on radiative properties of soot fractal aggregates. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 133, 374-381.	2.3	66
2	Numerical investigation of the possibility to determine the primary particle size of fractal aggregates by measuring light depolarization. Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 126, 130-139.	2.3	34
3	Extension of RDGâ€FA for Scattering Prediction of Aggregates of Soot Taking into Account Interactions of Large Monomers. Particle and Particle Systems Characterization, 2008, 25, 54-67.	2.3	30
4	Measurement of aggregates' size distribution by angular light scattering. Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 126, 140-149.	2.3	29
5	Comparison of Numerical Studies Characterizing Optical Properties of Soot Aggregates for Improved EXSCA Measurements. Particle and Particle Systems Characterization, 2002, 19, 47-57.	2.3	22
6	Impact of Organic Coating on Soot Angular and Spectral Scattering Properties. Environmental Science & Technology, 2019, 53, 6383-6391.	10.0	16
7	Fire behaviour of composite materials using kerosene burner tests at small-scales. Fire Safety Journal, 2021, 121, 103290.	3.1	13
8	Experimental investigation of a low Reynolds number flame jet impinging flat plates. International Journal of Heat and Mass Transfer, 2020, 156, 119856.	4.8	12
9	Spectral Study of the Smoke Optical Density in Non-flaming Condition. Procedia Engineering, 2013, 62, 821-828.	1.2	7
10	Comparison and Assessment of Particle Mass Concentration Measurements in Fire Smokes with a Microbalance, Opacimeter and PPS Devices. , 2017, , 735-742.		0