Frederic Andre

List of Publications by Year
in descending order

12	222	1040056 9	1372567 10
papers	citations	h-index	g-index

12	12	12	55
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The rank correlated SLW model of gas radiation in non-uniform media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 197, 26-44.	2.3	57
2	The impact of radiative heat transfer in combustion processes and its modeling â€“ with a focus on turbulent flames. Fuel, 2020, 281, 118555.	6.4	25
3	The multispectral gas radiation modeling: A new theoretical framework based on a multidimensional approach to k-distribution methods. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 147, 178-195.	2.3	24
4	The spectral line weighted-sum-of-gray-gases (SLW) model for prediction of radiative transfer in molecular gases. Advances in Heat Transfer, 2019, , 207-298.	0.9	24
5	The â„“-distribution method for modeling non-gray absorption in uniform and non-uniform gaseous media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 179, 19-32.	2.3	19
6	An exploration of the influence of spectral model parameters on the accuracy of the rank correlated SLW model. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 218, 161-170.	2.3	15
7	An analysis of the symmetry issue in the â„“-distribution method of gas radiation in non-uniform gaseous media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 190, 78-87.	2.3	14
8	The Scaled SLW model of gas radiation in non-uniform media based on Planck-weighted moments of gas absorption cross-section. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 206, 198-212.	2.3	13
9	Locally correlated SLW model for prediction of gas radiation in non-uniform media and its relationship to other global methods. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 245, 106857.	2.3	13
10	Pressure effects on radiative heat transfer in sooting turbulent diffusion flames. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 245, 106906.	2.3	10
11	ACCURACY OF ENGINEERING METHODS FOR RADIATIVE TRANSFER IN CO2-H2O MIXTURES AT HIGH TEMPERATURE. , 2019, , .		7
12	Radiative Properties of Gases. , 2017, , 1-74.		1