

Frederic Andre

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

222
citations

1040056

9
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of radiative heat transfer in combustion processes and its modeling “ with a focus on turbulent flames. Fuel, 2020, 281, 118555.	6.4	25
2	Pressure effects on radiative heat transfer in sooting turbulent diffusion flames. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 245, 106906.	2.3	10
3	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
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	ACCURACY OF ENGINEERING METHODS FOR RADIATIVE TRANSFER IN CO2-H2O MIXTURES AT HIGH TEMPERATURE. , 2019, , .		7
6	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
7	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
8	An analysis of the symmetry issue in the “-distribution method of gas radiation in non-uniform gaseous media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 190, 78-87.	2.3	14
9	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
10	Radiative Properties of Gases. , 2017, , 1-74.		1
11	The “-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
12	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