

Michael Alberti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11209252/publications.pdf>

Version: 2024-02-01

8
papers

135
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of HITEMP-2010 for carbon dioxide and water vapour at high temperatures and atmospheric pressures in $450\text{--}7600\text{cm}^{-1}$ spectral range. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 157, 14-33.	2.3	41
2	Re-creating Hottel's emissivity charts for carbon dioxide and extending them to 40 bar pressure using HITEMP-2010 data base. Combustion and Flame, 2015, 162, 597-612.	5.2	32
3	Re-creating Hottel's emissivity charts for water vapor and extending them to 40 bar pressure using HITEMP-2010 data base. Combustion and Flame, 2016, 169, 141-153.	5.2	26
4	Absorption of infrared radiation by carbon monoxide at elevated temperatures and pressures: Part A. Advancing the line-by-line procedure based on HITEMP-2010. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 200, 258-271.	2.3	11
5	Gray gas emissivities for H ₂ O-CO ₂ -CO-N ₂ mixtures. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 219, 274-291.	2.3	9
6	Absorption of infrared radiation by carbon monoxide at elevated temperatures and pressures: Part B. Total emissivity charts and correlations. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 200, 272-279.	2.3	8
7	Overlap corrections for emissivity calculations of H ₂ O-CO ₂ -CO-N ₂ mixtures. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 205, 230-240.	2.3	6
8	New formulae for gray gas absorptivities of H ₂ O, CO ₂ , and CO. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107227.	2.3	2