

# Isil Ayranci Kilinc

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

247  
citations

1163117

8  
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1372567

10  
g-index

13  
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docs citations

13  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of soot temperature, volume fraction and refractive index from flame emission spectrometry. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 104, 266-276.	2.3	59
2	MOL solution of DOM for transient radiative transfer in 3-D scattering media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 84, 409-422.	2.3	33
3	THE METHOD OF LINES SOLUTION OF THE DISCRETE ORDINATES METHOD FOR RADIATIVE HEAT TRANSFER IN ENCLOSURES CONTAINING SCATTERING MEDIA. Numerical Heat Transfer, Part B: Fundamentals, 2003, 43, 179-201.	0.9	24
4	Performance of method of lines solution of discrete ordinates method in the freeboard of a bubbling fluidized bed combustor. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 73, 503-516.	2.3	21
5	Performance of discrete dipole approximation for prediction of amplitude and phase of electromagnetic scattering by particles. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 103, 83-101.	2.3	21
6	Amplitude and phase of light scattered by micro-scale aggregates of dielectric spheres: Comparison between theory and microwave analogy experiments. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 103, 156-167.	2.3	20
7	Near-infrared emission spectrometry measurements for nonintrusive soot diagnostics in flames. Journal of Quantitative Spectroscopy and Radiative Transfer, 2008, 109, 349-361.	2.3	20
8	Forced and Self-Excited Instabilities From Lean Premixed, Liquid-Fuelled Aeroengine Injectors at High Pressures and Temperatures. , 2013, , .		15
9	Effect of particle polydispersity on particle concentration measurement by using laser Doppler anemometry. Experimental Thermal and Fluid Science, 2007, 31, 839-847.	2.7	11
10	Comparison between performances of Monte Carlo method and method of lines solution of discrete ordinates method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 93, 115-124.	2.3	8
11	Transient simulation of radiating flows. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 93, 151-161.	2.3	7
12	Effect of Recycle on Radiative Heat Transfer in the Freeboard of a Fluidized Bed Combustor. , 2005, , 367.		4
13	Effect of spatial differencing schemes on the performance of MOL solution of DOM in anisotropically scattering medium. , 2002, , .		4