

Seigo Sakai

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

134
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism for enhanced diffusivity in the deep-sea perpetual salt fountain. Journal of Oceanography, 2006, 62, 133-142.	1.7	6
2	The effect of three-dimensional radiative heat transfer in cloud fields using the radiation element method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 93, 79-87.	2.3	13
3	Radiative Heat Transfer and Hydrostatic Stability in Nocturnal Fog. Boundary-Layer Meteorology, 2004, 113, 273-286.	2.3	9
4	Artificial Upwelling of Deep Seawater Using the Perpetual Salt Fountain for Cultivation of Ocean Desert. Journal of Oceanography, 2004, 60, 563-568.	1.7	43
5	Nongray radiative heat transfer analysis in the anisotropic scattering fog layer subjected to solar irradiation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 83, 361-375.	2.3	23
6	Radiative Heat Transfer Analysis within Three-Dimensional Clouds Subjected to Solar and Sky Irradiation. Journals of the Atmospheric Sciences, 2004, 61, 3125-3133.	1.7	8
7	Improvement of computational time in radiative heat transfer of three-dimensional participating media using the radiation element method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 73, 239-248.	2.3	19
8	Description of the adhesive crystal growth under normal and micro-gravity conditions employing experimental and numerical approaches. Journal of Crystal Growth, 2002, 245, 278-288.	1.5	12
9	Measurement of Transient Double Diffusion Fields under Micro Gravity and Normal Gravity Using Real-time Phase-shifting Interferometer. The Proceedings of Conference of Tohoku Branch, 2002, 2002.37, 6-7.	0.0	1
10	Effect Evaluation of Radiative Heat Transfer and Horizontal Wind on Fire Whirlwind. , 0, , .		0