Seigo Sakai

List of Publications by Year
in descending order

10	134	1307594 7	1474206 9
papers	citations	h-index	g-index

10	10	10	88
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	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
6	Radiative Heat Transfer and Hydrostatic Stability in Nocturnal Fog. Boundary-Layer Meteorology, 2004, 113, 273-286.	2.3	9
7	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
8	Mechanism for enhanced diffusivity in the deep-sea perpetual salt fountain. Journal of Oceanography, 2006, 62, 133-142.	1.7	6
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