Hideshi Ishida

List of Publications by Year
in descending order

20 papers	73 citations	1684188 5 h-index	1588992 8 g-index
20 all docs	20 docs citations	20 times ranked	39 citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration effects on the average heat transfer characteristics of the natural convection field in a square enclosure. Heat Transfer - Asian Research, 2000, 29, 545-558.	2.8	14
2	The structures of attractors reconstructed with time-evolution data of average heat transfer on thermal convection field in a vibrating square enclosure. Heat Transfer - Asian Research, 2001, 30, 11-21.	2.8	11
3	Resonant Thermal Convections in a Square Cavity Induced by Heat-Flux Vibration on the Bottom Wall. Numerical Heat Transfer; Part A: Applications, 2010, 58, 20-40.	2.1	11
4	Thermal Mode Spectroscopy for Thermal Diffusivity of Millimeter-Size Solids. Physical Review Letters, 2016, 117, 195901.	7.8	8
5	Characteristics of Various Film Cooling Jets Injected in a Conduit. Annals of the New York Academy of Sciences, 2006, 934, 345-352.	3.8	5
6	Quasi-static and chaotic characteristics of the natural convection field in a vertical slot. Heat Transfer - Asian Research, 2001, 30, 40-53.	2.8	4
7	Unsteady and chaotic characteristics of natural convection field in vertical slots at large Prandtl number. Heat and Mass Transfer, 2006, 42, 645-651.	2.1	4
8	Internal gravity wave resonance of thermal convection fields in a square cavity with heat-flux vibration. Heat Transfer - Asian Research, 2006, 35, 309-322.	2.8	3
9	Internal gravity wave resonance of thermal convection fields in rectangular cavities with heat-flux vibration (effects of aspect ratio on the fields). Heat Transfer - Asian Research, 2007, 36, 158-171.	2.8	3
10	Forced oscillations, optimal forcing and resonance of thermal convection under small, time-varying forcing. International Journal of Heat and Mass Transfer, 2012, 55, 6618-6631.	4.8	3
11	Average and extremal properties of heat transfer and shear stress on a wall surface in Rayleigh–Bénard convection. Heat and Mass Transfer, 2009, 46, 153-165.	2.1	2
12	Second-order approximation to forced oscillations of thermal convection under small time-varying forcing. International Journal of Heat and Mass Transfer, 2016, 96, 145-153.	4.8	2
13	On the thermal field of a wall plume (The response to artificial disturbances). Heat Transfer - Asian Research, 1999, 28, 559-572.	2.8	1
14	Symmetry-Based Balance Equation for Local Entropy Density in a Dissipative Multibaker Chain System. Entropy, 2013, 15, 4345-4375.	2.2	1
15	Perturbation theories behind thermal mode spectroscopy for high-accuracy measurement of thermal diffusivity of solids. Philosophical Magazine, 2018, 98, 2164-2187.	1.6	1
16	Quasi-static and chaotic characteristics of the natural convection field between concentric vertical annuli. Heat Transfer - Asian Research, 2002, 31, 486-497.	2.8	0
17	Internal Gravity Wave Resonance of Thermal Convection Fields in a Square Cavity with Heat-Flux Vibration. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2005, 71, 2131-2138.	0.2	0
18	Internal Gravity Wave Resonance of Thermal Convection Fields in Rectangular Cavities with Heat-Flux Vibration (Effects of Aspect Ratio on the Fields). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2006, 72, 1789-1796.	0.2	0

#	Article	IF	Citations
19	Global, nonparametric, noniterative optimization of time-averaged quantities under small, time-varying forcing: An application to a thermal convection field. Numerical Heat Transfer, Part B: Fundamentals, 2019, 76, 185-202.	0.9	0
20	1210 Fundamental study on gayser boiling. The Proceedings of Conference of Kansai Branch, 2001, 2001.76, _12-19_-_12-20_.	0.0	0