

Toshihiro Kitada

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Numerical Study of PM2.5 in Exit-and-Entrance Areas Associated with Transboundary Transport over China, Japan, and Korea. <i>Atmosphere</i> , 2021, 12, 469.	2.3	14
2	Wintertime Boundary Layer Evolution and Air Pollution Potential over the Kathmandu Valley, Nepal. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4299.	3.3	2
3	Wintertime Boundary Layer Evolution and Air Pollution Potential Over the Kathmandu Valley, Nepal. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4299-4325.	3.3	12
4	Large-Scale Gravity Current over the Middle Hills of the Nepal Himalaya: Implications for Aircraft Accidents. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 371-390.	1.5	12
5	Numerical Study on Reduction of Ambient NOx Concentration by a Flow-through ACF (Activated) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.0	0
6	Numerical Study on Reduction of Ambient NOx, PM, and VOCs Concentrations by ACF (Activated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Science for Peace and Security Series C: Environmental Security, 2014, , 159-165.	0.2	0
7	Episodic High Surface Ozone in Central Japan in Warm Season: Relative Importance of Local Production and Long Range Transport. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2011, , 233-238.	0.2	1
8	Effect of land use changes on local meteorological conditions in Jakarta, Indonesia: toward the evaluation of the thermal environment of megacities in Asia. <i>International Journal of Climatology</i> , 2010, 30, 1931-1941.	3.5	27
9	Effect of the extended urban area on temperature rise in Jakarta, Indonesia. <i>Proceedings of the Symposium on Global Environment</i> , 2008, 16, 73-78.	0.0	0
10	Modeling of the role of tideland in eutrophication reduction in Mikawa Bay, Japan. <i>Proceedings of the Symposium on Global Environment</i> , 2008, 16, 41-50.	0.0	1
11	Numerical Simulation of Air Pollution Transport Under Sea/Land Breeze Situation in Jakarta, Indonesia in Dry Season. <i>NATO Security Through Science Series C: Environmental Security</i> , 2008, , 243-251.	0.1	3
12	Poster 7 Wind-driven NOx removal by flow-through fences with ACF (Activated Carbon Fiber): Evaluation of the fence's efficiency in reduction of ambient NOx. <i>Developments in Environmental Science</i> , 2007, 6, 747-749.	0.5	1
13	Evaluation of the Impacts of Wet Deposition of NO3- and NH4+ on Ecological System in Mikawa Bay, Japan. <i>Proceedings of the Symposium on Global Environment</i> , 2007, 15, 123-128.	0.0	0
14	An Assessment on Effect of PM10 Concentration on Premature Mortality Rate in Nagoya, Japan. <i>Proceedings of the Symposium on Global Environment</i> , 2007, 15, 57-62.	0.0	0
15	Study on the effect of porous fence on air quality and traffic noise level around a double-decked road structure. <i>Environmental Monitoring and Assessment</i> , 2005, 105, 121-143.	2.7	16
16	Numerical Simulation of Late Wintertime Local Flows in Kathmandu Valley, Nepal: Implication for Air Pollution Transport. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 389-403.	1.7	58
17	Dynamics of Air Pollution Transport in Late Wintertime over Kathmandu Valley, Nepal: As Revealed with Numerical Simulation. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 1770-1798.	1.7	29
18	Production and Transport of Ozone in Local Flows over Central Japan-Comparison of Numerical Calculation with Airborne Observation". , 2000, , 95-106.		10

#	ARTICLE	IF	CITATIONS
19	Effects of Topography and Urbanization on Local Winds and Thermal Environment in the Nohbi Plain, Coastal Region of Central Japan: A Numerical Analysis by Mesoscale Meteorological Model with $k-\epsilon$ Turbulence Model. Journal of Applied Meteorology and Climatology, 1998, 37, 1026-1046.	1.7	40
20	Modeling Study on the Parameterization of Sub-grid Scale Land Use Distribution for the Development of Atmospheric Boundary Layer. Expression of Urban Canopy in the $k-\epsilon$ Turbulence Model.. Environmental Systems Research, 1997, 25, 593-597.	0.0	0
21	Numerical modeling of long-range transport of acidic species in association with meso-scale convective-clouds across the Japan sea resulting in acid snow over coastal Japan. I. model description and qualitative verifications. Atmospheric Environment Part A General Topics, 1993, 27, 1061-1076.	1.3	26
22	Numerical analysis of the shift of daily high temperature zone caused by urbanization in the upstream area of sea breeze in Nohbi Plain, Central Japan.. Environmental Systems Research, 1992, 20, 280-286.	0.0	0
23	Numerical analysis of the role of sea breeze fronts on air quality in coastal and inland polluted areas. Atmospheric Environment Part A General Topics, 1990, 24, 1545-1559.	1.3	26
24	Turbulence Structure of Sea Breeze Front and Its Implication in Air Pollution Transport - Application of $k-\epsilon$ Turbulence Model -. , 1987, , 217-239.		13
25	Turbulence structure of sea breeze front and its implication in air pollution transport ? Application of $k-\epsilon$ turbulence model ?. Boundary-Layer Meteorology, 1987, 41, 217-239.	2.3	37
26	Numerical Analysis of Air Pollution in a Combined Field of Land/Sea Breeze and Mountain/Valley Wind. Journal of Climate and Applied Meteorology, 1986, 25, 767-784.	1.0	49