

Toshihiro Kitada

List of Publications by Year in descending order

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26
papers

377
citations

840776

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docs citations

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times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Numerical Analysis of Air Pollution in a Combined Field of Land/Sea Breeze and Mountain/Valley Wind. <i>Journal of Climate and Applied Meteorology</i> , 1986, 25, 767-784.	1.0	49
3	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. <i>Journal of Applied Meteorology and Climatology</i> , 1998, 37, 1026-1046.	1.7	40
4	Turbulence structure of sea breeze front and its implication in air pollution transport ? Application of $k-\epsilon$ turbulence model ?. <i>Boundary-Layer Meteorology</i> , 1987, 41, 217-239.	2.3	37
5	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
6	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
7	Numerical analysis of the role of sea breeze fronts on air quality in coastal and inland polluted areas. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 1545-1559.	1.3	26
8	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. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 1061-1076.	1.3	26
9	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
10	Comparative Numerical Study of PM _{2.5} in Exit-and-Entrance Areas Associated with Transboundary Transport over China, Japan, and Korea. <i>Atmosphere</i> , 2021, 12, 469.	2.3	14
11	Turbulence Structure of Sea Breeze Front and Its Implication in Air Pollution Transport – Application of $K-\epsilon$ Turbulence Model –. , 1987, , 217-239.		13
12	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
13	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
14	Production and Transport of Ozone in Local Flows over Central Japan-Comparison of Numerical Calculation with Airborne Observation–. , 2000, , 95-106.		10
15	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
16	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
17	Poster 7 Wind-driven NO _x removal by flow-through fences with ACF (Activated Carbon Fiber): Evaluation of the fence's efficiency in reduction of ambient NO _x . <i>Developments in Environmental Science</i> , 2007, 6, 747-749.	0.5	1
18	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

#	ARTICLE	IF	CITATIONS
19	Episodic High Surface Ozone in Central Japan in Warm Season: Relative Importance of Local Production and Long Range Transport. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 233-238.	0.2	1
20	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
21	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- ϵ EPSILON. Turbulence Model.. Environmental Systems Research, 1997, 25, 593-597.	0.0	0
22	Evaluation of the Impacts of Wet Deposition of NO ₃ ⁻ and NH ₄ ⁺ on Ecological System in Mikawa Bay, Japan. Proceedings of the Symposium on Global Environment, 2007, 15, 123-128.	0.0	0
23	An Assessment on Effect of PM ₁₀ Concentration on Premature Mortality Rate in Nagoya, Japan. Proceedings of the Symposium on Global Environment, 2007, 15, 57-62.	0.0	0
24	Effect of the extended urban area on temperature rise in Jakarta, Indonesia. Proceedings of the Symposium on Global Environment, 2008, 16, 73-78.	0.0	0
25	Numerical Study on Reduction of Ambient NO _x , PM, and VOCs Concentrations by ACF (Activated) Tj ETQq1 1 0.784314 rgBT /Overlock Science for Peace and Security Series C: Environmental Security, 2014, , 159-165.	0.2	0
26	Numerical Study on Reduction of Ambient NO _x Concentration by a Flow-through ACF (Activated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	0