

Tetsuji Yamada

List of Publications by Year in descending order

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19
papers

8,849
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

5461
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a turbulence closure model for geophysical fluid problems. <i>Reviews of Geophysics</i> , 1982, 20, 851-875.	23.0	5,698
2	A Hierarchy of Turbulence Closure Models for Planetary Boundary Layers. <i>Journals of the Atmospheric Sciences</i> , 1974, 31, 1791-1806.	1.7	2,112
3	A Simulation of the Wangara Atmospheric Boundary Layer Data. <i>Journals of the Atmospheric Sciences</i> , 1975, 32, 2309-2329.	1.7	275
4	A Numerical Model Study of Turbulent Airflow in and Above a Forest Canopy. <i>Journal of the Meteorological Society of Japan</i> , 1982, 60, 439-454.	1.8	163
5	On the Similarity Functions A, B and C of the Planetary Boundary Layer. <i>Journals of the Atmospheric Sciences</i> , 1976, 33, 781-793.	1.7	113
6	The Critical Richardson Number and the Ratio of the Eddy Transport Coefficients Obtained from a Turbulence Closure Model. <i>Journals of the Atmospheric Sciences</i> , 1975, 32, 926-933.	1.7	77
7	A numerical experiment on pollutant dispersion in a horizontally-homogeneous atmospheric boundary layer. <i>Atmospheric Environment</i> , 1977, 11, 1015-1024.	1.0	59
8	A Numerical Simulation of Nocturnal Drainage Flow. <i>Journal of the Meteorological Society of Japan</i> , 1981, 59, 108-122.	1.8	55
9	A numerical simulation of BOMEX data using a turbulence closure model coupled with ensemble cloud relations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1979, 105, 915-944.	2.7	54
10	Prediction of the Nocturnal Surface Inversion Height. <i>Journal of Applied Meteorology</i> , 1979, 18, 526-531.	1.1	50
11	The impact of the Wangara experiment. <i>Boundary-Layer Meteorology</i> , 1981, 20, 135-174.	2.3	48
12	Downscaling mesoscale meteorological models for computational wind engineering applications. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2011, 99, 199-216.	3.9	45
13	Use of the CAPTEX Data for Evaluations of a Long-Range Transport Numerical Model with a Four-Dimensional Data Assimilation Technique. <i>Monthly Weather Review</i> , 1988, 116, 293-306.	1.4	26
14	PBL similarity profiles determined from a level-2 turbulence-closure model. <i>Boundary-Layer Meteorology</i> , 1979, 17, 333-351.	2.3	22
15	An application of a three-dimensional, simplified second-moment closure numerical model to study atmospheric effects of a large cooling-pond. <i>Atmospheric Environment</i> , 1979, 13, 693-704.	1.0	15
16	Airflow and air quality simulations over the western mountainous region with a four-dimensional data assimilation technique. <i>Atmospheric Environment</i> , 1989, 23, 539-554.	1.0	15
17	A numerical simulation of urbanization on the local climate. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1999, 81, 1-19.	3.9	11
18	A numerical simulation of airflows and SO ₂ concentration distributions in an arid south-western Valley. <i>Atmospheric Environment Part A General Topics</i> , 1992, 26, 1771-1781.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Lagrangian Dispersion Model for Nonneutrally Buoyant Plumes. Journal of Applied Meteorology and Climatology, 2000, 39, 427-436.	1.7	2