

Tetsuji Yamada

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

7,297
citations

14
h-index

19
g-index

19
ext. papers

7,793
ext. citations

4.5
avg, IF

5.53
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 19 | Downscaling mesoscale meteorological models for computational wind engineering applications. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2011 , 99, 199-216 | 3.7 | 40 |
| 18 | Lagrangian Dispersion Model for Nonneutrally Buoyant Plumes. <i>Journal of Applied Meteorology and Climatology</i> , 2000 , 39, 427-436 | | 2 |
| 17 | A numerical simulation of urbanization on the local climate. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1999 , 81, 1-19 | 3.7 | 6 |
| 16 | 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 | | 8 |
| 15 | 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 | | 13 |
| 14 | 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 | 2.4 | 22 |
| 13 | 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 | 2.8 | 120 |
| 12 | Development of a turbulence closure model for geophysical fluid problems. <i>Reviews of Geophysics</i> , 1982 , 20, 851 | 23.1 | 4657 |
| 11 | A Numerical Simulation of Nocturnal Drainage Flow. <i>Journal of the Meteorological Society of Japan</i> , 1981 , 59, 108-122 | 2.8 | 43 |
| 10 | The impact of the Wangara experiment. <i>Boundary-Layer Meteorology</i> , 1981 , 20, 135-174 | 3.4 | 36 |
| 9 | PBL similarity profiles determined from a level-2 turbulence-closure model. <i>Boundary-Layer Meteorology</i> , 1979 , 17, 333-351 | 3.4 | 19 |
| 8 | 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 | 6.4 | 43 |
| 7 | 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 | | 12 |
| 6 | Prediction of the Nocturnal Surface Inversion Height. <i>Journal of Applied Meteorology</i> , 1979 , 18, 526-531 | | 42 |
| 5 | A numerical experiment on pollutant dispersion in a horizontally-homogeneous atmospheric boundary layer. <i>Atmospheric Environment</i> , 1977 , 11, 1015-1024 | | 47 |
| 4 | On the Similarity Functions A, B and C of the Planetary Boundary Layer. <i>Journals of the Atmospheric Sciences</i> , 1976 , 33, 781-793 | 2.1 | 100 |
| 3 | 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 | 2.1 | 60 |

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|---|---|-----|------|
| 2 | A Simulation of the Wangara Atmospheric Boundary Layer Data. <i>Journals of the Atmospheric Sciences</i> , 1975 , 32, 2309-2329 | 2.1 | 223 |
| 1 | A Hierarchy of Turbulence Closure Models for Planetary Boundary Layers. <i>Journals of the Atmospheric Sciences</i> , 1974 , 31, 1791-1806 | 2.1 | 1804 |