

Thierry Hedde

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

119
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

111
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Evaluation of the Weather Research and Forecasting Model in the Durance Valley Complex Terrain during the KASCADE Field Campaign. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 861-882. | 1.5 | 30 |
| 2 | Characterization of valley flows within two confluent valleys under stable conditions: observations from the KASCADE field experiment. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1886-1902. | 2.7 | 20 |
| 3 | Turbulence intensities and bulk coefficients in the surface layer above the sea. <i>Boundary-Layer Meteorology</i> , 1994, 71, 415-432. | 2.3 | 17 |
| 4 | Simulation of radioactive plume gamma dose over a complex terrain using Lagrangian particle dispersion model. <i>Journal of Environmental Radioactivity</i> , 2015, 145, 30-39. | 1.7 | 15 |
| 5 | Fine-Resolution WRF Simulation of Stably Stratified Flows in Shallow Pre-Alpine Valleys: A Case Study of the KASCADE-2017 Campaign. <i>Atmosphere</i> , 2021, 12, 1063. | 2.3 | 11 |
| 6 | Valley Winds at the Local Scale: Correcting Routine Weather Forecast Using Artificial Neural Networks. <i>Atmosphere</i> , 2021, 12, 128. | 2.3 | 10 |
| 7 | A Simple Method Based on Routine Observations to Nowcast Down-Valley Flows in Shallow, Narrow Valleys. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 1497-1511. | 1.5 | 8 |
| 8 | Local-Scale Valley Wind Retrieval Using an Artificial Neural Network Applied to Routine Weather Observations. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 1007-1022. | 1.5 | 5 |
| 9 | Data Filling of Micrometeorological Variables in Complex Terrain for High-Resolution Nowcasting. <i>Atmosphere</i> , 2022, 13, 408. | 2.3 | 3 |
| 10 | Using an Artificial Neural Network to improve operational wind prediction in a small unresolved valley. <i>Weather and Forecasting</i> , 2021, , . | 1.4 | 0 |