# Dean E Anderson

List of Publications by Year
in descending order

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|---|---|---|---|
| 23 papers | 1,528 citations | 394421 19 h-index | 642732 23 g-index |
| 24 all docs | 24 docs citations | 24 times ranked | 1571 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Atmospheric Stability Effects on Wind Fields and Scalar Mixing Within and Just Above a Subalpine Forest in Sloping Terrain. Boundary-Layer Meteorology, 2011, 138, 231-262. | 2.3 | 41 |
| 2 | A Multiscale and Multidisciplinary Investigation Of Ecosystemâ€“Atmosphere CO2 Exchange Over the Rocky Mountains of Colorado. Bulletin of the American Meteorological Society, 2010, 91, 209-230. | 3.3 | 29 |
| 3 | Canopy structure and atmospheric flows in relation to the Î´13C of respired CO2 in a subalpine coniferous forest. Agricultural and Forest Meteorology, 2008, 148, 592-605. | 4.8 | 41 |
| 4 | THE CONTRIBUTION OF ADVECTIVE FLUXES TO NET ECOSYSTEM EXCHANGE IN A HIGHâ€ELEVATION, SUBALPINE FOREST. Ecological Applications, 2008, 18, 1379-1390. | 3.8 | 81 |
| 5 | CO2 transport over complex terrain. Agricultural and Forest Meteorology, 2007, 145, 1-21. | 4.8 | 93 |
| 6 | Modeling and measuring the nocturnal drainage flow in a high-elevation, subalpine forest with complex terrain. Journal of Geophysical Research, 2005, 110, . | 3.3 | 74 |
| 7 | Airflows and turbulent flux measurements in mountainous terrain. Agricultural and Forest Meteorology, 2004, 125, 187-205. | 4.8 | 54 |
| 8 | Airflows and turbulent flux measurements in mountainous terrain. Agricultural and Forest Meteorology, 2003, 119, 1-21. | 4.8 | 142 |
| 9 | Carbon sequestration studied in western U.S. mountains. Eos, 2002, 83, 445. | 0.1 | 101 |
| 10 | Energy budget above a high-elevation subalpine forest in complex topography. Agricultural and Forest Meteorology, 2002, 110, 177-201. | 4.8 | 157 |
| 11 | Eddy covariance measurement of CO2 flux to the atmosphere from an area of high volcanogenic emissions, Mammoth Mountain, California. Chemical Geology, 2001, 177, 31-42. | 3.3 | 39 |
| 12 | Estimating lakeâ€atmosphere CO<sub>2</sub> exchange. Limnology and Oceanography, 1999, 44, 988-1001. | 3.1 | 69 |
| 13 | Spatial Variability of Turbulent Fluxes in the Roughness Sublayer of an Even-Aged Pine Forest. Boundary-Layer Meteorology, 1999, 93, 1-28. | 2.3 | 111 |
| 14 | A Lagrangian stochastic model for aerial spray transport above an oak forest. Agricultural and Forest Meteorology, 1995, 76, 277-291. | 4.8 | 10 |
| 15 | Deposition of Aerially Applied BT in an Oak Forest and Its Prediction with the FSCBG Model. Journal of Applied Meteorology and Climatology, 1992, 31, 1457-1466. | 1.7 | 7 |
| 16 | Canopy Photosynthesis and Water-Use Efficiency in a Deciduous Forest. Journal of Applied Ecology, 1987, 24, 251. | 4.0 | 64 |
| 17 | Turbulence spectra of CO2, water vapor, temperature and velocity over a deciduous forest. Agricultural and Forest Meteorology, 1986, 38, 81-99. | 4.8 | 48 |
| 18 | Eddy fluxes of CO2, water vapor, and sensible heat over a deciduous forest. Boundary-Layer Meteorology, 1986, 36, 71-91. | 2.3 | 201 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Carbon dioxide, water vapor and sensible heat exchanges of a grain sorghum canopy. Boundary-Layer Meteorology, 1986, 34, 317-331. | 2.3 | 33 |
| 20 | Turbulence spectra of CO2, water vapor, temperature and wind velocity fluctuations over a crop surface. Boundary-Layer Meteorology, 1985, 33, 1-14. | 2.3 | 37 |
| 21 | Kolmogorov constants for CO2, wind velocity, air temperature, and humidity fluctuations over a crop surface. Boundary-Layer Meteorology, 1984, 28, 161-167. | 2.3 | 9 |
| 22 | Eddy correlation measurements of CO2, latent heat, and sensible heat fluxes over a crop surface. Boundary-Layer Meteorology, 1984, 29, 263-272. | 2.3 | 75 |
| 23 | Detailed structure of pH in hydrometeors. Environmental Science & Technology, 1979, 13, 992-994. | 10.0 | 12 |