

Dean E Anderson

List of Publications by Year in descending order

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Version: 2024-02-01

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	Eddy fluxes of CO ₂ , water vapor, and sensible heat over a deciduous forest. <i>Boundary-Layer Meteorology</i> , 1986, 36, 71-91.	2.3	201
2	Energy budget above a high-elevation subalpine forest in complex topography. <i>Agricultural and Forest Meteorology</i> , 2002, 110, 177-201.	4.8	157
3	Airflows and turbulent flux measurements in mountainous terrain. <i>Agricultural and Forest Meteorology</i> , 2003, 119, 1-21.	4.8	142
4	Spatial Variability of Turbulent Fluxes in the Roughness Sublayer of an Even-Aged Pine Forest. <i>Boundary-Layer Meteorology</i> , 1999, 93, 1-28.	2.3	111
5	Carbon sequestration studied in western U.S. mountains. <i>Eos</i> , 2002, 83, 445.	0.1	101
6	CO ₂ transport over complex terrain. <i>Agricultural and Forest Meteorology</i> , 2007, 145, 1-21.	4.8	93
7	THE CONTRIBUTION OF ADVECTIVE FLUXES TO NET ECOSYSTEM EXCHANGE IN A HIGH-ELEVATION, SUBALPINE FOREST. <i>Ecological Applications</i> , 2008, 18, 1379-1390.	3.8	81
8	Eddy correlation measurements of CO ₂ , latent heat, and sensible heat fluxes over a crop surface. <i>Boundary-Layer Meteorology</i> , 1984, 29, 263-272.	2.3	75
9	Modeling and measuring the nocturnal drainage flow in a high-elevation, subalpine forest with complex terrain. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	74
10	Estimating lake-atmosphere CO ₂ exchange. <i>Limnology and Oceanography</i> , 1999, 44, 988-1001.	3.1	69
11	Canopy Photosynthesis and Water-Use Efficiency in a Deciduous Forest. <i>Journal of Applied Ecology</i> , 1987, 24, 251.	4.0	64
12	Airflows and turbulent flux measurements in mountainous terrain. <i>Agricultural and Forest Meteorology</i> , 2004, 125, 187-205.	4.8	54
13	Turbulence spectra of CO ₂ , water vapor, temperature and velocity over a deciduous forest. <i>Agricultural and Forest Meteorology</i> , 1986, 38, 81-99.	4.8	48
14	Canopy structure and atmospheric flows in relation to the δ ¹³ C of respired CO ₂ in a subalpine coniferous forest. <i>Agricultural and Forest Meteorology</i> , 2008, 148, 592-605.	4.8	41
15	Atmospheric Stability Effects on Wind Fields and Scalar Mixing Within and Just Above a Subalpine Forest in Sloping Terrain. <i>Boundary-Layer Meteorology</i> , 2011, 138, 231-262.	2.3	41
16	Eddy covariance measurement of CO ₂ flux to the atmosphere from an area of high volcanogenic emissions, Mammoth Mountain, California. <i>Chemical Geology</i> , 2001, 177, 31-42.	3.3	39
17	Turbulence spectra of CO ₂ , water vapor, temperature and wind velocity fluctuations over a crop surface. <i>Boundary-Layer Meteorology</i> , 1985, 33, 1-14.	2.3	37
18	Carbon dioxide, water vapor and sensible heat exchanges of a grain sorghum canopy. <i>Boundary-Layer Meteorology</i> , 1986, 34, 317-331.	2.3	33

#	ARTICLE	IF	CITATIONS
19	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
20	Detailed structure of pH in hydrometeors. Environmental Science & Technology, 1979, 13, 992-994.	10.0	12
21	A Lagrangian stochastic model for aerial spray transport above an oak forest. Agricultural and Forest Meteorology, 1995, 76, 277-291.	4.8	10
22	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
23	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