

# Ray G Anderson

## 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.

41  
papers

1,083  
citations

15  
h-index

32  
g-index

44  
ext. papers

1,374  
ext. citations

4.6  
avg, IF

4.08  
L-index

#	Paper	IF	Citations
41	Spatiotemporal Distribution of Drought Based on the Standardized Precipitation Index and Cloud Models in the Haihe Plain, China. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1672	3	0
40	Fate and transport in environmental quality. <i>Journal of Environmental Quality</i> , <b>2021</b> , 50, 1282-1289	3.4	
39	Evaluation of Water Use Efficiency Algorithms for Flux Variance Similarity-Based Evapotranspiration Partitioning in C3 and C4 Grain Crops. <i>Water Resources Research</i> , <b>2021</b> , 57, e2020WR028861	5.4	1
38	Impact of Drought and Changing Water Sources on Water Use and Soil Salinity of Almond and Pistachio Orchards: 1. Observations. <i>Soil Systems</i> , <b>2021</b> , 5, 50	3.5	1
37	Impact of Drought and Changing Water Sources on Water Use and Soil Salinity of Almond and Pistachio Orchards: 2. Modeling. <i>Soil Systems</i> , <b>2021</b> , 5, 58	3.5	1
36	Reclaiming Tropical Saline-Sodic Soils with Gypsum and Cow Manure. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 57	3	13
35	ECOSTRESS: NASA's Next Generation Mission to Measure Evapotranspiration From the International Space Station. <i>Water Resources Research</i> , <b>2020</b> , 56, e2019WR026058	5.4	98
34	Evaluation of miscanthus productivity and water use efficiency in southeastern United States. <i>Science of the Total Environment</i> , <b>2019</b> , 692, 1125-1134	10.2	6
33	Reviews and syntheses: Turning the challenges of partitioning ecosystem evaporation and transpiration into opportunities. <i>Biogeosciences</i> , <b>2019</b> , 16, 3747-3775	4.6	75
32	Reducing the discrepancies between the Aerodynamic Gradient Method and other micrometeorological approaches for measuring fumigant emissions. <i>Science of the Total Environment</i> , <b>2019</b> , 687, 392-400	10.2	1
31	Grape Rootstock Response to Salinity, Water and Combined Salinity and Water Stresses. <i>Agronomy</i> , <b>2019</b> , 9, 321	3.6	5
30	Can Humic Substances Improve Soil Fertility under Salt Stress and Drought Conditions?. <i>Journal of Environmental Quality</i> , <b>2019</b> , 48, 1605-1613	3.4	12
29	Replicated flux measurements of 1,3-dichloropropene emissions from a bare soil under field conditions. <i>Atmospheric Environment</i> , <b>2018</b> , 191, 19-26	5.3	5
28	Importance of the El Niño Teleconnection to the 21st Century California Wintertime Extreme Precipitation Increase. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 10,648	4.9	4
27	21st century California drought risk linked to model fidelity of the El Niño teleconnection. <i>Npj Climate and Atmospheric Science</i> , <b>2018</b> , 1,	8	10
26	Measurement and Partitioning of Evapotranspiration for Application to Vadose Zone Studies. <i>Vadose Zone Journal</i> , <b>2017</b> , 16, 1-9	2.7	16
25	Incorporating field wind data to improve crop evapotranspiration parameterization in heterogeneous regions. <i>Irrigation Science</i> , <b>2017</b> , 35, 533-547	3.1	4

24	Assessing FAO-56 dual crop coefficients using eddy covariance flux partitioning. <i>Agricultural Water Management</i> , <b>2017</b> , 179, 92-102	5.9	31
23	Know Your Community: Evapotranspiration Measurement and Modeling. <i>CSA News</i> , <b>2017</b> , 62, 32-33	0.1	
22	Remote sensing is a viable tool for mapping soil salinity in agricultural lands. <i>California Agriculture</i> , <b>2017</b> , 71, 231-238	1.1	24
21	Spatial interpolation quality assessment for soil sensor transect datasets. <i>Computers and Electronics in Agriculture</i> , <b>2016</b> , 123, 74-79	6.5	6
20	Moving Forward on Remote Sensing of Soil Salinity at Regional Scale. <i>Frontiers in Environmental Science</i> , <b>2016</b> , 4,	4.8	10
19	Using satellite-based estimates of evapotranspiration and groundwater changes to determine anthropogenic water fluxes in land surface models <b>2015</b> ,		2
18	Satellite-based crop coefficient and regional water use estimates for Hawaiian sugarcane. <i>Field Crops Research</i> , <b>2015</b> , 180, 143-154	5.5	27
17	Long-rotation sugarcane in Hawaii sustains high carbon accumulation and radiation use efficiency in 2nd year of growth. <i>Agriculture, Ecosystems and Environment</i> , <b>2015</b> , 199, 216-224	5.7	17
16	Two-Year Growth Cycle Sugarcane Crop Parameter Attributes and Their Application in Modeling. <i>Agronomy Journal</i> , <b>2015</b> , 107, 1310-1320	2.2	15
15	Using satellite-based estimates of evapotranspiration and groundwater changes to determine anthropogenic water fluxes in land surface models. <i>Geoscientific Model Development</i> , <b>2015</b> , 8, 3021-3031	6.3	27
14	Soil Carbon and Nitrogen Stocks of Different Hawaiian Sugarcane Cultivars. <i>Agronomy</i> , <b>2015</b> , 5, 239-261	3.6	5
13	Divergence of actual and reference evapotranspiration observations for irrigated sugarcane with windy tropical conditions. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 583-599	5.5	11
12	Energy budget closure observed in paired Eddy Covariance towers with increased and continuous daily turbulence. <i>Agricultural and Forest Meteorology</i> , <b>2014</b> , 184, 204-209	5.8	38
11	Analytical steady-state solutions for water-limited cropping systems using saline irrigation water. <i>Water Resources Research</i> , <b>2014</b> , 50, 9656-9674	5.4	24
10	Assessing surface water consumption using remotely-sensed groundwater, evapotranspiration, and precipitation. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	31
9	Assessing regional evapotranspiration and water balance across a Mediterranean montane climate gradient. <i>Agricultural and Forest Meteorology</i> , <b>2012</b> , 166-167, 10-22	5.8	19
8	Relationships between climate, vegetation, and energy exchange across a montane gradient. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		27
7	Biophysical considerations in forestry for climate protection. <i>Frontiers in Ecology and the Environment</i> , <b>2011</b> , 9, 174-182	5.5	209

6	Determination of nutritive value of forages in south Texas using an in vitro gas production technique. <i>Grass and Forage Science</i> , <b>2011</b> , 66, 526-540	2.3	4
5	A mobile platform to constrain regional estimates of evapotranspiration. <i>Agricultural and Forest Meteorology</i> , <b>2009</b> , 149, 771-782	5.8	15
4	Protecting climate with forests. <i>Environmental Research Letters</i> , <b>2008</b> , 3, 044006	6.2	264
3	OpenET: Filling a Critical Data Gap in Water Management for the Western United States. <i>Journal of the American Water Resources Association</i> ,	2.1	14
2	Reviews and syntheses: Turning the challenges of partitioning ecosystem evaporation and transpiration into opportunities		2
1	Divergence of reference evapotranspiration observations with windy tropical conditions		3