

# John G Evans

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

555  
citations

686830

13  
h-index

676716

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil water content in southern England derived from a cosmic-ray soil moisture observing system â€œCOSMOSâ€UK. <i>Hydrological Processes</i> , 2016, 30, 4987-4999.	1.1	102
2	Effects of urban density on carbon dioxide exchanges: Observations of dense urban, suburban and woodland areas of southern England. <i>Environmental Pollution</i> , 2015, 198, 186-200.	3.7	84
3	Multi-Scale Sensible Heat Fluxes in the Suburban Environment from Large-Aperture Scintillometry and Eddy Covariance. <i>Boundary-Layer Meteorology</i> , 2014, 152, 65-89.	1.2	41
4	Interaction of convective organization with monsoon precipitation, atmosphere, surface and sea: The 2016 INCOMPASS field campaign in India. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2828-2852.	1.0	35
5	COSMOS-Europe: a European network of cosmic-ray neutron soil moisture sensors. <i>Earth System Science Data</i> , 2022, 14, 1125-1151.	3.7	33
6	Estimation and evaluation of high-resolution soil moisture from merged model and Earth observation data in the Great Britain. <i>Remote Sensing of Environment</i> , 2021, 264, 112610.	4.6	30
7	Using Information Theory to Determine Optimum Pixel Size and Shape for Ecological Studies: Aggregating Land Surface Characteristics in Arctic Ecosystems. <i>Ecosystems</i> , 2009, 12, 574-589.	1.6	28
8	A critical revision of the estimation of the latent heat flux from two-wavelength scintillometry. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 1912-1922.	1.0	23
9	Upscaling Tundra CO <sub>2</sub> Exchange from Chamber to Eddy Covariance Tower. <i>Arctic, Antarctic, and Alpine Research</i> , 2013, 45, 275-284.	0.4	22
10	The Effective Height of a Two-Wavelength Scintillometer System. <i>Boundary-Layer Meteorology</i> , 2011, 141, 165-177.	1.2	21
11	COSMOS-UK: national soil moisture and hydrometeorology data for environmental science research. <i>Earth System Science Data</i> , 2021, 13, 1737-1757.	3.7	19
12	Environmental and Vegetation Drivers of Seasonal CO <sub>2</sub> Fluxes in a Sub-arctic Forestâ€œMire Ecotone. <i>Ecosystems</i> , 2014, 17, 377-393.	1.6	15
13	Spatial and temporal variability in energy and water vapour fluxes observed at seven sites on the Indian subcontinent during 2017. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2853-2866.	1.0	14
14	Kriging-based robotic exploration for soil moisture mapping using a cosmic-ray sensor. <i>Journal of Field Robotics</i> , 2020, 37, 122-136.	3.2	14
15	Biases in Model-Simulated Surface Energy Fluxes During the Indian Monsoon Onset Period. <i>Boundary-Layer Meteorology</i> , 2019, 170, 323-348.	1.2	12
16	Transpiration from subarctic deciduous woodlands: Environmental controls and contribution to ecosystem evapotranspiration. <i>Ecohydrology</i> , 2020, 13, e2190.	1.1	12
17	The Indian COSMOS Network (ICON): Validating L-Band Remote Sensing and Modelled Soil Moisture Data Products. <i>Remote Sensing</i> , 2021, 13, 537.	1.8	11
18	Effects of Non-Uniform Crosswind Fields on Scintillometry Measurements. <i>Boundary-Layer Meteorology</i> , 2011, 141, 143-163.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Using Additional Moderator to Control the Footprint of a COSMOS Rover for Soil Moisture Measurement. <i>Water Resources Research</i> , 2021, 57, e2020WR028478.	1.7	7
20	A Method to Assess the Performance of SAR-Derived Surface Soil Moisture Products. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 4504-4516.	2.3	6
21	Observations of aerosolâ€“vapor pressure deficitâ€“evaporative fraction coupling over India. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 3615-3629.	1.9	6
22	Detecting Ground Level Enhancements Using Soil Moisture Sensor Networks. <i>Space Weather</i> , 2021, 19, e2021SW002800.	1.3	4