

# Stephen P Good

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9270587/publications.pdf>

Version: 2024-02-01

48  
papers

3,023  
citations

201674

27  
h-index

206112

48  
g-index

53  
all docs

53  
docs citations

53  
times ranked

4636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrologic connectivity constrains partitioning of global terrestrial water fluxes. <i>Science</i> , 2015, 349, 175-177.	12.6	467
2	Global synthesis of vegetation control on evapotranspiration partitioning. <i>Geophysical Research Letters</i> , 2014, 41, 6753-6757.	4.0	285
3	Comment on "The global tree restoration potential". <i>Science</i> , 2019, 366, .	12.6	185
4	Solar PV Power Potential is Greatest Over Croplands. <i>Scientific Reports</i> , 2019, 9, 11442.	3.3	168
5	Climatological determinants of woody cover in Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4902-4907.	7.1	167
6	Measurements and Observations in the XXI century (MOXXI): innovation and multi-disciplinarity to sense the hydrological cycle. <i>Hydrological Sciences Journal</i> , 2018, 63, 169-196.	2.6	151
7	Reviews and syntheses: Turning the challenges of partitioning ecosystem evaporation and transpiration into opportunities. <i>Biogeosciences</i> , 2019, 16, 3747-3775.	3.3	150
8	Stable Isotope Analysis of Precipitation Samples Obtained via Crowdsourcing Reveals the Spatiotemporal Evolution of Superstorm Sandy. <i>PLoS ONE</i> , 2014, 9, e91117.	2.5	103
9	$^2\text{H}$ isotopic flux partitioning of evapotranspiration over a grass field following a water pulse and subsequent dry down. <i>Water Resources Research</i> , 2014, 50, 1410-1432.	4.2	96
10	Partitioning of evapotranspiration in remote sensing-based models. <i>Agricultural and Forest Meteorology</i> , 2018, 260-261, 131-143.	4.8	91
11	Direct quantification of leaf transpiration isotopic composition. <i>Agricultural and Forest Meteorology</i> , 2012, 154-155, 127-135.	4.8	87
12	Inferring the source of evaporated waters using stable H and O isotopes. <i>Oecologia</i> , 2018, 187, 1025-1039.	2.0	82
13	The effect of warming on grassland evapotranspiration partitioning using laser-based isotope monitoring techniques. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 28-38.	3.9	67
14	Stable Isotopes of Water Vapor in the Vadose Zone: A Review of Measurement and Modeling Techniques. <i>Vadose Zone Journal</i> , 2012, 11, vzj2011.0165.	2.2	64
15	Using atmospheric trajectories to model the isotopic composition of rainfall in central Kenya. <i>Ecosphere</i> , 2013, 4, 1-18.	2.2	61
16	Uncertainties in the assessment of the isotopic composition of surface fluxes: A direct comparison of techniques using laser-based water vapor isotope analyzers. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	58
17	Comment on "The extent of forest in dryland biomes". <i>Science</i> , 2017, 358, .	12.6	57
18	D/H isotope ratios in the global hydrologic cycle. <i>Geophysical Research Letters</i> , 2015, 42, 5042-5050.	4.0	56

#	ARTICLE	IF	CITATIONS
19	Tap water isotope ratios reflect urban water system structure and dynamics across a semiarid metropolitan area. <i>Water Resources Research</i> , 2016, 52, 5891-5910.	4.2	56
20	Incorporating water isoscapes in hydrological and water resource investigations. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 107-119.	6.5	55
21	A mesic maximum in biological water use demarcates biome sensitivity to aridity shifts. <i>Nature Ecology and Evolution</i> , 2017, 1, 1883-1888.	7.8	53
22	Contribution of water-limited ecoregions to their own supply of rainfall. <i>Environmental Research Letters</i> , 2016, 11, 124007.	5.2	47
23	Patterns of local and nonlocal water resource use across the western U.S. determined via stable isotope intercomparisons. <i>Water Resources Research</i> , 2014, 50, 8034-8049.	4.2	43
24	Vapor hydrogen and oxygen isotopes reflect water of combustion in the urban atmosphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3247-3252.	7.1	35
25	Tree cover shows strong sensitivity to precipitation variability across the global tropics. <i>Global Ecology and Biogeography</i> , 2018, 27, 450-460.	5.8	35
26	Estimating Global Ecosystem Isohydry/Anisohydry Using Active and Passive Microwave Satellite Data. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 3306-3321.	3.0	34
27	Continental-scale impacts of intra-seasonal rainfall variability on simulated ecosystem responses in Africa. <i>Biogeosciences</i> , 2014, 11, 6939-6954.	3.3	31
28	Sensitivity of Evapotranspiration Components in Remote Sensing-Based Models. <i>Remote Sensing</i> , 2018, 10, 1601.	4.0	28
29	Simulated sensitivity of African terrestrial ecosystem photosynthesis to rainfall frequency, intensity, and rainy season length. <i>Environmental Research Letters</i> , 2018, 13, 025013.	5.2	26
30	Predicting Hydrologic Function With Aquatic Gene Fragments. <i>Water Resources Research</i> , 2018, 54, 2424-2435.	4.2	22
31	Hydroclimatic and ecohydrological resistance/resilience conditions across tropical biomes of the Amazon basin. <i>Ecohydrology</i> , 2017, 10, e1860.	2.4	18
32	Characterizing ecohydrological and biogeochemical connectivity across multiple scales: a new conceptual framework. <i>Ecohydrology</i> , 2012, 5, 221-233.	2.4	17
33	Global Patterns of the Contributions of Storm Frequency, Intensity, and Seasonality to Interannual Variability of Precipitation. <i>Journal of Climate</i> , 2016, 29, 3-15.	3.2	17
34	Using stable water isotopes to assess the influence of irrigation structural configurations on evaporation losses in semiarid agricultural systems. <i>Agricultural and Forest Meteorology</i> , 2020, 291, 108083.	4.8	17
35	Direct partitioning of eddy-covariance water and carbon dioxide fluxes into ground and plant components. <i>Agricultural and Forest Meteorology</i> , 2022, 315, 108790.	4.8	17
36	Plant Water Uptake Thresholds Inferred From Satellite Soil Moisture. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087077.	4.0	16

#	ARTICLE	IF	CITATIONS
37	An ecohydrological framework to explain shifts in vegetation organization across climatological gradients. <i>Ecohydrology</i> , 2017, 10, e1809.	2.4	10
38	River Microbiome Composition Reflects Macroscale Climatic and Geomorphic Differences in Headwater Streams. <i>Frontiers in Water</i> , 2020, 2, .	2.3	8
39	Bayesian estimates of the mean recharge elevations of water sources in the Central America region using stable water isotopes. <i>Journal of Hydrology: Regional Studies</i> , 2020, 32, 100739.	2.4	7
40	Probabilistic inference of ecohydrological parameters using observations from point to satellite scales. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3229-3243.	4.9	5
41	Information-based uncertainty decomposition in dual-channel microwave remote sensing of soil moisture. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5029-5045.	4.9	5
42	Calibration Strategies for Detecting Macroscale Patterns in NEON Atmospheric Carbon Isotope Observations. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005862.	3.0	4
43	The NEON Daily Isotopic Composition of Environmental Exchanges Dataset. <i>Scientific Data</i> , 2022, 9, .	5.3	4
44	Analytical expressions of variability in ecosystem structure and function obtained from three-dimensional stochastic vegetation modelling. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2013, 469, 20130003.	2.1	3
45	A Statistical Method for Generating Temporally Downscaled Geochemical Tracers in Precipitation. <i>Journal of Hydrometeorology</i> , 2021, , .	1.9	3
46	Differences in soil evaporation between row and interrow positions in furrowed agricultural fields. <i>Vadose Zone Journal</i> , 2020, 19, e20086.	2.2	2
47	The Value of L-Band Soil Moisture and Vegetation Optical Depth Estimates in the Prediction of Vegetation Phenology. <i>Remote Sensing</i> , 2021, 13, 1343.	4.0	2
48	High Frequency Trends in the Isotopic Composition of Superstorm Sandy. , 2015, , 41-55.		1