

# Anthony J Parolari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2896234/publications.pdf>

Version: 2024-02-01

32  
papers

1,016  
citations

516561

16  
h-index

454834

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1700  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensity and frequency of extreme novel epidemics. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	225
2	The effect of plant water storage on water fluxes within the coupled soil–plant system. New Phytologist, 2017, 213, 1093-1106.	3.5	86
3	Beyond the SCS–CN method: A theoretical framework for spatially lumped rainfall–runoff response. Water Resources Research, 2016, 52, 4608-4627.	1.7	67
4	Increasing atmospheric humidity and CO <sub>2</sub> concentration alleviate forest mortality risk. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9918-9923.	3.3	66
5	Global convergence of COVID-19 basic reproduction number and estimation from early-time SIR dynamics. PLoS ONE, 2020, 15, e0239800.	1.1	66
6	Legacy Effects in Material Flux: Structural Catchment Changes Predate Long-Term Studies. BioScience, 2012, 62, 575-584.	2.2	59
7	Rainfall manipulation experiments as simulated by terrestrial biosphere models: Where do we stand?. Global Change Biology, 2020, 26, 3336-3355.	4.2	50
8	Climate, not conflict, explains extreme Middle East dust storm. Environmental Research Letters, 2016, 11, 114013.	2.2	48
9	Improved reliability of stormwater detention basin performance through water quality data-informed real-time control. Journal of Hydrology, 2019, 573, 422-431.	2.3	43
10	Ecohydrological modeling in agroecosystems: Examples and challenges. Water Resources Research, 2015, 51, 5081-5099.	1.7	41
11	Accounting for landscape heterogeneity improves spatial predictions of tree vulnerability to drought. New Phytologist, 2018, 220, 132-146.	3.5	31
12	An ecohydrological perspective on drought-induced forest mortality. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 965-981.	1.3	28
13	Liana abundance and diversity increase with rainfall seasonality along a precipitation gradient in Panama. Ecography, 2020, 43, 25-33.	2.1	21
14	Stochastic water balance dynamics of passive and controlled stormwater basins. Advances in Water Resources, 2018, 122, 328-339.	1.7	18
15	An analytical approach to ascertain saturation–excess versus infiltration–excess overland flow in urban and reference landscapes. Hydrological Processes, 2019, 33, 3349-3363.	1.1	17
16	Tapping Environmental History to Recreate America’s Colonial Hydrology. Environmental Science & Technology, 2010, 44, 8798-8803.	4.6	16
17	The Doomsday Equation and 50 years beyond: new perspectives on the human–water system. Wiley Interdisciplinary Reviews: Water, 2015, 2, 407-414.	2.8	16
18	Forest soil carbon and nitrogen cycles under biomass harvest: Stability, transient response, and feedback. Ecological Modelling, 2016, 329, 64-76.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Stochastic rainfall-runoff model with explicit soil moisture dynamics. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20150389.	1.0	15
20	Framework for event-based semidistributed modeling that unifies the SCS-CN method, VIC, PDM, and TOPMODEL. Water Resources Research, 2016, 52, 7036-7052.	1.7	15
21	Hydrologic Transport of Dissolved Inorganic Carbon and Its Control on Chemical Weathering. Journal of Geophysical Research F: Earth Surface, 2017, 122, 2016-2032.	1.0	14
22	Ecohydrological controls on grass and shrub above-ground net primary productivity in a seasonally dry climate. Ecohydrology, 2015, 8, 1572-1583.	1.1	11
23	K <sub>i</sub> in an Urban World: New Contexts for Hydraulic Conductivity. Journal of the American Water Resources Association, 2021, 57, 493-504.	1.0	9
24	Bistable plant-soil dynamics and biogenic controls on the soil production function. Earth Surface Processes and Landforms, 2016, 41, 1011-1017.	1.2	7
25	Forecasting semi-arid biome shifts in the Anthropocene. New Phytologist, 2020, 226, 351-361.	3.5	5
26	Multiscale Legacy Responses of Soil Gas Concentrations to Soil Moisture and Temperature Fluctuations. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005865.	1.3	5
27	Reply to comment by Fred L. Ogden et al. on "Beyond the SCS-CN method: A theoretical framework for spatially lumped rainfall-runoff response". Water Resources Research, 2017, 53, 6351-6354.	1.7	4
28	Fertilization effects on the ecohydrology of a southern California annual grassland. Geophysical Research Letters, 2012, 39, .	1.5	3
29	Boom and bust carbon-nitrogen dynamics during reforestation. Ecological Modelling, 2017, 360, 108-119.	1.2	1
30	Power Law Growth and Delayed Feedbacks in Socio-Hydrological Systems. Earth's Future, 2019, 7, 1220-1231.	2.4	1
31	Seasonal Hydroclimatic and Soil Biogeochemical Drivers of N and P Availability in a Constructed Stormwater Wetland. Journal of Sustainable Water in the Built Environment, 2022, 8, 04021018.	0.9	1
32	Precipitation variability can bias estimates of ecological controls on ecosystem productivity response to precipitation change. Ecohydrology, 0, , e2384.	1.1	1