

Anthony J Parolari

List of Publications by Year in descending order

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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	Seasonal Hydroclimatic and Soil Biogeochemical Drivers of N and P Availability in a Constructed Stormwater Wetland. <i>Journal of Sustainable Water in the Built Environment</i> , 2022, 8, 04021018.	0.9	1
2	Multiscale Legacy Responses of Soil Gas Concentrations to Soil Moisture and Temperature Fluctuations. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005865.	1.3	5
3	<i>K</i> in an Urban World: New Contexts for Hydraulic Conductivity. <i>Journal of the American Water Resources Association</i> , 2021, 57, 493-504.	1.0	9
4	Intensity and frequency of extreme novel epidemics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	225
5	Liana abundance and diversity increase with rainfall seasonality along a precipitation gradient in Panama. <i>Ecography</i> , 2020, 43, 25-33.	2.1	21
6	Forecasting semi-arid biome shifts in the Anthropocene. <i>New Phytologist</i> , 2020, 226, 351-361.	3.5	5
7	Global convergence of COVID-19 basic reproduction number and estimation from early-time SIR dynamics. <i>PLoS ONE</i> , 2020, 15, e0239800.	1.1	66
8	Rainfall manipulation experiments as simulated by terrestrial biosphere models: Where do we stand?. <i>Global Change Biology</i> , 2020, 26, 3336-3355.	4.2	50
9	An analytical approach to ascertain saturation-excess versus infiltration-excess overland flow in urban and reference landscapes. <i>Hydrological Processes</i> , 2019, 33, 3349-3363.	1.1	17
10	Improved reliability of stormwater detention basin performance through water quality data-informed real-time control. <i>Journal of Hydrology</i> , 2019, 573, 422-431.	2.3	43
11	Power Law Growth and Delayed Feedbacks in Socio-Hydrological Systems. <i>Earth's Future</i> , 2019, 7, 1220-1231.	2.4	1
12	Stochastic water balance dynamics of passive and controlled stormwater basins. <i>Advances in Water Resources</i> , 2018, 122, 328-339.	1.7	18
13	Accounting for landscape heterogeneity improves spatial predictions of tree vulnerability to drought. <i>New Phytologist</i> , 2018, 220, 132-146.	3.5	31
14	Reply to comment by Fred L. Ogden et al. on "Beyond the SCS-CN method: A theoretical framework for spatially lumped rainfall-runoff response". <i>Water Resources Research</i> , 2017, 53, 6351-6354.	1.7	4
15	Hydrologic Transport of Dissolved Inorganic Carbon and Its Control on Chemical Weathering. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 2016-2032.	1.0	14
16	Increasing atmospheric humidity and CO ₂ concentration alleviate forest mortality risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9918-9923.	3.3	66
17	Boom and bust carbon-nitrogen dynamics during reforestation. <i>Ecological Modelling</i> , 2017, 360, 108-119.	1.2	1
18	The effect of plant water storage on water fluxes within the coupled soil-plant system. <i>New Phytologist</i> , 2017, 213, 1093-1106.	3.5	86

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19	Bistable plant-soil dynamics and biogenic controls on the soil production function. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 1011-1017.	1.2	7
20	Climate, not conflict, explains extreme Middle East dust storm. <i>Environmental Research Letters</i> , 2016, 11, 114013.	2.2	48
21	Framework for event-based semidistributed modeling that unifies the SCS-CN method, VIC, PDM, and TOPMODEL. <i>Water Resources Research</i> , 2016, 52, 7036-7052.	1.7	15
22	Beyond the SCS-CN method: A theoretical framework for spatially lumped rainfall-runoff response. <i>Water Resources Research</i> , 2016, 52, 4608-4627.	1.7	67
23	Forest soil carbon and nitrogen cycles under biomass harvest: Stability, transient response, and feedback. <i>Ecological Modelling</i> , 2016, 329, 64-76.	1.2	16
24	The Doomsday Equation and 50 years beyond: new perspectives on the human-water system. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 407-414.	2.8	16
25	Ecohydrological controls on grass and shrub above-ground net primary productivity in a seasonally dry climate. <i>Ecohydrology</i> , 2015, 8, 1572-1583.	1.1	11
26	Stochastic rainfall-runoff model with explicit soil moisture dynamics. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20150389.	1.0	15
27	Ecohydrological modeling in agroecosystems: Examples and challenges. <i>Water Resources Research</i> , 2015, 51, 5081-5099.	1.7	41
28	An ecohydrological perspective on drought-induced forest mortality. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 965-981.	1.3	28
29	Legacy Effects in Material Flux: Structural Catchment Changes Predate Long-Term Studies. <i>BioScience</i> , 2012, 62, 575-584.	2.2	59
30	Fertilization effects on the ecohydrology of a southern California annual grassland. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	3
31	Tapping Environmental History to Recreate America's Colonial Hydrology. <i>Environmental Science & Technology</i> , 2010, 44, 8798-8803.	4.6	16
32	Precipitation variability can bias estimates of ecological controls on ecosystem productivity response to precipitation change. <i>Ecohydrology</i> , 0, , e2384.	1.1	1