Enrico A Yepez

List of Publications by Year
in descending order

48 papers	6,667 citations	236833 25 h-index	265120 42 g-index
51 all docs	51 docs citations	51 times ranked	7509 citing authors

#	Article	IF	Citations
1	Water isotope variation in an ecohydrologic context at a seasonally dry tropical forest in northwest Mexico. Journal of Arid Environments, 2022, 196, 104658.	1.2	3
2	Evaluation of remote sensing-based evapotranspiration products at low-latitude eddy covariance sites. Journal of Hydrology, 2022, 610, 127786.	2.3	15
3	EvapotranspiraciÃ³n e intercambio de energÃa en un bosque templado de MÃ©xico. Tecnologia Y Ciencias Del Agua, 2021, 12, 490-537.	0.1	1
4	Landscape Controls on Waterâ€Energyâ€Carbon Fluxes Across Different Ecosystems During the North American Monsoon. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005809.	1.3	8
5	Root biomass and productivity in subtropical arid mangroves from the Gulf of California. Rhizosphere, 2021, 18, 100356.	1.4	6
6	Heatwave implications in wheat during heading phenophase. , 2021, , 77-84.		0
7	Environmental Controls on the Temporal Evolution of Energy and CO₂ Fluxes on an Arid Mangrove of Northwestern Mexico. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005932.	1.3	6
8	Angular Modeling of the Components of Net Radiation in Agricultural Crops and Its Implications on Energy Balance Closure. Water (Switzerland), 2021, 13, 3028.	1.2	0
9	Image dataset acquired from an unmanned aerial vehicle over an experimental site within El Soldado estuary in Guaymas, Sonora, MÃ©xico. Data in Brief, 2020, 30, 105425.	0.5	1
10	Coupled plant traits adapted to wetting/drying cycles of substrates coâ€define niche multidimensionality. Plant, Cell and Environment, 2020, 43, 2394-2408.	2.8	22
11	Environmental Controls on Carbon and Water Fluxes in an Oldâ€Growth Tropical Dry Forest. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005666.	1.3	16
12	Late sowing date as an adaptive strategy for rainfed bean production under warming and reduced precipitation in the Mexican Altiplano?. Field Crops Research, 2020, 255, 107903.	2.3	8
13	Data on litterfall production and meteorology at an old-growth tropical dry forest in northwestern Mexico. Data in Brief, 2020, 31, 105723.	0.5	4
14	ContribuciÃ³n del estrato arbustivo a los flujos de agua y CO2 de un matorral subtropical en el Noroeste de MÃ©xico. Tecnologia Y Ciencias Del Agua, 2020, 11, 130-170.	0.1	2
15	The importance of dew in the water balance of a continental semiarid grassland. Journal of Arid Environments, 2019, 168, 26-35.	1.2	31
16	Water regime and osmotic adjustment under warming conditions on wheat in the Yaqui Valley, Mexico. PeerJ, 2019, 7, e7029.	0.9	14
17	Climate Change Impacts on Net Ecosystem Productivity in a Subtropical Shrubland of Northwestern MÃ©xico. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 688-711.	1.3	13
18	Initial response of phenology and yield components of wheat (Triticum durumL., CIRNO C2008) under experimental warming field conditions in the Yaqui Valley. PeerJ, 2018, 6, e5064.	0.9	13

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19	Resource partitioning by evergreen and deciduous species in a tropical dry forest. Oecologia, 2017, 183, 607-618.	0.9	38
20	<scp>CO</scp>₂ exchange and evapotranspiration across dryland ecosystems of southwestern North America. Global Change Biology, 2017, 23, 4204-4221.	4.2	164
21	Technical note: Application of geophysical tools for tree root studies in forest ecosystems in complex soils. Biogeosciences, 2017, 14, 5343-5357.	1.3	23
22	A multi-species synthesis of physiological mechanisms in drought-induced tree mortality. Nature Ecology and Evolution, 2017, 1, 1285-1291.	3.4	739
23	Terrestrial carbon balance in a drier world: the effects of water availability in southwestern North America. Global Change Biology, 2016, 22, 1867-1879.	4.2	142
24	Contrasting precipitation seasonality influences evapotranspiration dynamics in waterâ€limited shrublands. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 494-508.	1.3	34
25	Global warming potential of intensive wheat production in the Yaqui Valley, Mexico: a resource for the design of localized mitigation strategies. Journal of Cleaner Production, 2016, 127, 522-532.	4.6	33
26	Prolonged experimental drought reduces plant hydraulic conductance and transpiration and increases mortality in a piÃ±onâ€“juniper woodland. Ecology and Evolution, 2015, 5, 1618-1638.	0.8	63
27	Variations of net ecosystem production due to seasonal precipitation differences in a tropical dry forest of northwest Mexico. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 2081-2094.	1.3	48
28	Convergence in resource use efficiency across trees with differing hydraulic strategies in response to ecosystem precipitation manipulation. Functional Ecology, 2015, 29, 1125-1136.	1.7	35
29	Ontogenetic resource-use strategies in a rare long-lived cycad along environmental gradients. , 2014, 2, cou034-cou034.		21
30	A modeling approach reveals differences in evapotranspiration and its partitioning in two semiarid ecosystems in Northwest Mexico. Water Resources Research, 2014, 50, 3229-3252.	1.7	43
31	Reduced transpiration response to precipitation pulses precedes mortality in a piÃ±onâ€“juniper woodland subject to prolonged drought. New Phytologist, 2013, 200, 375-387.	3.5	77
32	Evaluating theories of droughtâ€induced vegetation mortality using a multimodelâ€“experiment framework. New Phytologist, 2013, 200, 304-321.	3.5	340
33	Drought predisposes piÃ±onâ€“juniper woodlands to insect attacks and mortality. New Phytologist, 2013, 198, 567-578.	3.5	256
34	Progress and opportunities for monitoring greenhouse gases fluxes in Mexican ecosystems: the MexFlux network. Atmosfera, 2013, 26, 325-336.	0.3	31
35	Methodology and performance of a rainfall manipulation experiment in a piÃ±onâ€“juniper woodland. Ecosphere, 2012, 3, 1-20.	1.0	50
36	Opportunities for advancing carbon cycle science in Mexico: toward a continental scale understanding. Environmental Science and Policy, 2012, 21, 84-93.	2.4	23

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37	Hydraulic limits preceding mortality in a piÃ±onâ€“juniper woodland under experimental drought. Plant, Cell and Environment, 2012, 35, 1601-1617.	2.8	170
38	Toward a Mexican eddy covariance network for carbon cycle science. Eos, 2011, 92, 307-308.	0.1	2
39	Carbon dioxide and water vapour exchange in a tropical dry forest as influenced by the North American Monsoon System (NAMS). Journal of Arid Environments, 2010, 74, 556-563.	1.2	32
40	Mechanisms of plant survival and mortality during drought: why do some plants survive while others succumb to drought?. New Phytologist, 2008, 178, 719-739.	3.5	3,232
41	Intraseasonal Variation in Water and Carbon Dioxide Flux Components in a Semiarid Riparian Woodland. Ecosystems, 2007, 10, 1100-1115.	1.6	63
42	Dynamics of transpiration and evaporation following a moisture pulse in semiarid grassland: A chamber-based isotope method for partitioning flux components. Agricultural and Forest Meteorology, 2005, 132, 359-376.	1.9	121
43	Floral CO2 emission may indicate food abundance to nectar-feeding moths. Die Naturwissenschaften, 2004, 91, 329-333.	0.6	72
44	Evapotranspiration components determined by stable isotope, sap flow and eddy covariance techniques. Agricultural and Forest Meteorology, 2004, 125, 241-258.	1.9	397
45	Partitioning overstory and understory evapotranspiration in a semiarid savanna woodland from the isotopic composition of water vapor. Agricultural and Forest Meteorology, 2003, 119, 53-68.	1.9	214
46	Seasonal variation of net CO2uptake for cactus pear (Opuntia ficus-indica) and pitayo (Stenocereus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	38
47	Correlation among vegetative and reproductive variables in wheat under a climate change simulation. Bragantia, 0, 80, .	1.3	1
48	Evapotranspiration flux partitioning at a multi-species shrubland with stable isotopes of soil, plant, and atmosphere water pools. , 0, , .		1