

Ricardo González-Pinzón

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,043
citations

430874

18
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

1253
citing authors

#	ARTICLE	IF	CITATIONS
1	Groundwater geochemistry, quality, and pollution of the largest lake basin in the Middle East: Comparison of PMF and PCA-MLR receptor models and application of the source-oriented HHRA approach. <i>Chemosphere</i> , 2022, 288, 132489.	8.2	73
2	Wildfires increasingly impact western US fluvial networks. <i>Nature Communications</i> , 2021, 12, 2484.	12.8	39
3	Water quality impacts of urban and non-urban arid-land runoff on the Rio Grande. <i>Science of the Total Environment</i> , 2020, 729, 138443.	8.0	21
4	Introducing the Self-Cleaning Filtration for Water Quality Sensors (SC-FLAWLeSS) system. <i>Limnology and Oceanography: Methods</i> , 2020, 18, 467-476.	2.0	4
5	Linking Hydrobiogeochemical Processes and Management Techniques to Close Nutrient Loops in an Arid River. <i>Frontiers in Water</i> , 2020, 2, .	2.3	4
6	Long-term data reveal highly-variable metabolism and transitions in trophic status in a montane stream. <i>Freshwater Science</i> , 2020, 39, 241-255.	1.8	8
7	Spatiotemporal Variability in Transport and Reactive Processes Across a First- to Fifth-Order Fluvial Network. <i>Water Resources Research</i> , 2020, 56, e2019WR026303.	4.2	6
8	Does the Mass Balance of the Reactive Tracers Resazurin and Resorufin Close at the Microbial Scale?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005435.	3.0	5
9	Introducing The Integrator: A novel technique to monitor environmental flow systems. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 415-427.	2.0	5
10	Riverbed Sediments Control the Spatiotemporal Variability of E. coli in a Highly Managed, Arid River. <i>Frontiers in Water</i> , 2019, 1, .	2.3	20
11	Less Fine Particle Retention in a Restored Versus Unrestored Urban Stream: Balance Between Hyporheic Exchange, Resuspension, and Immobilization. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1425-1439.	3.0	17
12	The importance of and need for rapid hydrologic assessments in Latin America. <i>Hydrological Processes</i> , 2018, 32, 2441-2451.	2.6	23
13	The Resazurin-Resorufin System: Insights From a Decade of Smart-Tracer Development for Hydrologic Applications. <i>Water Resources Research</i> , 2018, 54, 6877-6889.	4.2	38
14	Tracer-based characterization of hyporheic exchange and benthic biolayers in streams. <i>Water Resources Research</i> , 2017, 53, 1575-1594.	4.2	80
15	Reactive Transport of U and V from Abandoned Uranium Mine Wastes. <i>Environmental Science & Technology</i> , 2017, 51, 12385-12393.	10.0	39
16	Potential for Small Unmanned Aircraft Systems Applications for Identifying Groundwater-Surface Water Exchange in a Meandering River Reach. <i>Geophysical Research Letters</i> , 2017, 44, 11,868.	4.0	28
17	Fine particle retention within stream storage areas at base flow and in response to a storm event. <i>Water Resources Research</i> , 2017, 53, 5690-5705.	4.2	37
18	Advancing the Food-Energy-Water Nexus: Closing Nutrient Loops in Arid River Corridors. <i>Environmental Science & Technology</i> , 2016, 50, 8485-8496.	10.0	36

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19	Nighttime and daytime respiration in a headwater stream. <i>Ecohydrology</i> , 2016, 9, 93-100.	2.4	21
20	CONTROLS AND CONSEQUENCES OF ENHANCED CHEMICAL REACTIONS AT THE STREAMBED INTERFACE. , 2016, , .		0
21	A FIELD COMPARISON OF MULTIPLE TECHNIQUES TO QUANTIFY SURFACE WATER- GROUNDWATER INTERACTIONS. , 2016, , .		0
22	Comment on "Solute-specific scaling of inorganic nitrogen and phosphorus uptake in streams" by Hall et al. (2013). <i>Biogeosciences</i> , 2015, 12, 5365-5369.	3.3	6
23	A field comparison of multiple techniques to quantify groundwater" surface-water interactions. <i>Freshwater Science</i> , 2015, 34, 139-160.	1.8	77
24	Sorption and transformation of the reactive tracers resazurin and resorufin in natural river sediments. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 3151-3163.	4.9	20
25	Quantifying spatial differences in metabolism in headwater streams. <i>Freshwater Science</i> , 2014, 33, 798-811.	1.8	37
26	Scaling and predicting solute transport processes in streams. <i>Water Resources Research</i> , 2013, 49, 4071-4088.	4.2	37
27	An efficient method to estimate processing rates in streams. <i>Water Resources Research</i> , 2013, 49, 6096-6099.	4.2	15
28	Relating hyporheic fluxes, residence times, and redox-sensitive biogeochemical processes upstream of beaver dams. <i>Freshwater Science</i> , 2013, 32, 622-641.	1.8	80
29	Measuring aerobic respiration in stream ecosystems using the resazurin"resorufin system. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	79
30	Coupled transport and reaction kinetics control the nitrate source"sink function of hyporheic zones. <i>Water Resources Research</i> , 2012, 48, .	4.2	158
31	Calibration and predictive ability analysis of longitudinal solute transport models in mountain streams. <i>Environmental Fluid Mechanics</i> , 2008, 8, 597-604.	1.6	21