Stefanie Lutz

List of Publications by Year
in descending order

16 papers	527 citations	759233 12 h-index	940533 16 g-index
44 all docs	44 docs citations	44 times ranked	829 citing authors

#	ARTICLE	IF	CITATIONS
1	Driver detection of water quality trends in three large European river basins. Science of the Total Environment, 2018, 612, 49-62.	8.0	126
2	Hydroclimatic and water quality trends across three Mediterranean river basins. Science of the Total Environment, 2016, 571, 1392-1406.	8.0	68
3	Spatial Patterns of Water Age: Using Young Water Fractions to Improve the Characterization of Transit Times in Contrasting Catchments. Water Resources Research, 2018, 54, 4767-4784.	4.2	52
4	How Important is Denitrification in Riparian Zones? Combining End–Member Mixing and Isotope Modeling to Quantify Nitrate Removal from Riparian Groundwater. Water Resources Research, 2020, 56, e2019WR025528.	4.2	49
5	Uncertainty of modelled flow regime for flow-ecological assessment in Southern Europe. Science of the Total Environment, 2018, 615, 1028-1047.	8.0	35
6	A Global Survey on the Perceptions and Impacts of Gender Inequality in the Earth and Space Sciences. Earth and Space Science, 2019, 6, 1460-1468.	2.6	32
7	Multiple stressor effects on biological quality elements in the Ebro River: Present diagnosis and predicted responses. Science of the Total Environment, 2018, 630, 1608-1618.	8.0	23
8	Disentangling the Impact of Catchment Heterogeneity on Nitrate Export Dynamics From Event to Long–Term Time Scales. Water Resources Research, 2021, 57, e2020WR027992.	4.2	23
9	Pesticide fate on catchment scale: conceptual modelling of stream CSIA data. Hydrology and Earth System Sciences, 2017, 21, 5243-5261.	4.9	22
10	Modeling Nitrate Export From a Mesoscale Catchment Using StorAge Selection Functions. Water Resources Research, 2021, 57, e2020WR028490.	4.2	19
11	Combined Source Apportionment and Degradation Quantification of Organic Pollutants with CSIA: 1. Model Derivation. Environmental Science & Technology, 2014, 48, 6220-6228.	10.0	17
12	Explaining the Variability in High–Frequency Nitrate Export Patterns Using Long–Term Hydrological Event Classification. Water Resources Research, 2022, 58, .	4.2	14
13	A model-based assessment of the potential use of compound-specific stable isotope analysis in river monitoring of diffuse pesticide pollution. Hydrology and Earth System Sciences, 2013, 17, 4505-4524.	4.9	12
14	Combined Source Apportionment and Degradation Quantification of Organic Pollutants with CSIA: 2. Model Validation and Application. Environmental Science & Technology, 2014, 48, 6229-6236.	10.0	11
15	Disparate Seasonal Nitrate Export From Nested Heterogeneous Subcatchments Revealed With StorAge Selection Functions. Water Resources Research, 2022, 58, .	4.2	8
16	HESS Opinions: Science in today's media landscape – challenges and lessons from hydrologists and journalists. Hydrology and Earth System Sciences, 2018, 22, 3589-3599.	4.9	5