Rory P Coffey

List of Publications by Year
in descending order

20 papers	463 citations	840728 11 h-index	888047 17 g-index
20 all docs	20 docs citations	20 times ranked	604 citing authors

#	Article	IF	Citations
1	Development of a pathogen transport model for Irish catchments using SWAT. Agricultural Water Management, 2010, 97, 101-111.	5.6	67
2	Exposure assessment of mycotoxins in dairy milk. Food Control, 2009, 20, 239-249.	5.5	64
3	Predicting microbial water quality with models: Over-arching questions for managing risk in agricultural catchments. Science of the Total Environment, 2016, 544, 39-47.	8.0	54
4	A Review of Water Quality Responses to Air Temperature and Precipitation Changes 2: Nutrients, Algal Blooms, Sediment, Pathogens. Journal of the American Water Resources Association, 2019, 55, 844-868.	2.4	54
5	Modeling of Pathogen Indicator Organisms in a Small-Scale Agricultural Catchment Using SWAT. Human and Ecological Risk Assessment (HERA), 2013, 19, 232-253.	3.4	52
6	Microbial Exposure Assessment of Waterborne Pathogens. Human and Ecological Risk Assessment (HERA), 2007, 13, 1313-1351.	3.4	42
7	Assessing the Effects of Climate Change on Waterborne Microorganisms: Implications for EU and U.S. Water Policy. Human and Ecological Risk Assessment (HERA), 2014, 20, 724-742.	3.4	30
8	A Review of Water Quality Responses to Air Temperature and Precipitation Changes 1: Flow, Water Temperature, Saltwater Intrusion. Journal of the American Water Resources Association, 2019, 55, 824-843.	2.4	27
9	Analysis of the soil and water assessment tool (SWAT) to model Cryptosporidium in surface water sources. Biosystems Engineering, 2010, 106, 303-314.	4.3	18
10	Pathogen Sources Estimation and Scenario Analysis Using the Soil and Water Assessment Tool (SWAT). Human and Ecological Risk Assessment (HERA), 2010, 16, 913-933.	3.4	14
11	Sensitivity of streamflow and microbial water quality to future climate and land use change in the West of Ireland. Regional Environmental Change, 2016, 16, 2111-2128.	2.9	12
12	Modeling the impacts of climate change and future land use variation on microbial transport. Journal of Water and Climate Change, 2015, 6, 449-471.	2.9	8
13	Evaluation of near-infrared chemical imaging for the prediction of surface water quality parameters. International Journal of Environmental Analytical Chemistry, 2015, 95, 403-418.	3.3	7
14	Potential Microbial Load Reductions Required to Meet Existing Freshwater Recreational Water Quality Standards for a Selection of Mid-century Environmental Change Scenarios. Environmental Processes, 2015, 2, 609-629.	3.5	4
15	Modeling the Effects of Future Hydroclimatic Conditions on Microbial Water Quality and Management Practices in Two Agricultural Watersheds. Transactions of the ASABE, 2020, 63, 753-770.	1.1	4
16	Feed to food risk assessment, with particular reference to mycotoxins in bovine feed. International Journal of Risk Assessment and Management, 2008, 8, 266.	0.1	3
17	Use of Meta-Analysis to Assess the Effect of Conventional Water Treatment Methods on the Prevalence ofCryptosporidiumSpp. in Drinking Water. Human and Ecological Risk Assessment (HERA), 2010, 16, 1360-1378.	3.4	3
18	Assessing the impacts of climate change on waterborne microorganisms. , 2012, , .		0

#	Article	IF	Citations
19	Quantifying the effects of climate change on the fate and transport of microbial pollutants. , 2013, , .		0
20	Assessing the Impact of Climate Change and Land Use Variation on Microbial Transport Using Watershed Scale-modeling. Online Journal of Public Health Informatics, 2014, 6, .	0.7	0