Rajat Nag

List of Publications by Year in descending order

17 papers	676 citations	932766 10 h-index	887659 17 g-index
17 all docs	17 docs citations	17 times ranked	269 citing authors

#	Article	IF	Citations
1	Human health concerns regarding microplastics in the aquatic environment - From marine to food systems. Science of the Total Environment, 2022, 823, 153730.	3.9	230
2	Ranking of potential hazards from microplastics polymers in the marine environment. Journal of Hazardous Materials, 2022, 429, 128399.	6.5	81
3	Anaerobic digestion of agricultural manure and biomass â€“ Critical indicators of risk and knowledge gaps. Science of the Total Environment, 2019, 690, 460-479.	3.9	67
4	Human health risk assessment of lead (Pb) through the environmental-food pathway. Science of the Total Environment, 2022, 810, 151168.	3.9	64
5	Ranking hazards pertaining to human health concerns from land application of anaerobic digestate. Science of the Total Environment, 2020, 710, 136297.	3.9	47
6	Risk factors and assessment strategies for the evaluation of human or environmental risk from metal(loid)s â€“ A focus on Ireland. Science of the Total Environment, 2022, 802, 149839.	3.9	47
7	Human health risk assessment of bisphenol A (BPA) through meat products. Environmental Research, 2022, 213, 113734.	3.7	39
8	Antibiotic residues in the aquatic environment â€“ current perspective and risk considerations. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 733-751.	0.9	20
9	Risk assessment of Escherichia coli in bioaerosols generated following land application of farmyard slurry. Science of the Total Environment, 2021, 791, 148189.	3.9	16
10	Analysis of the levels of metal(loid)s in environmental compartments in Ireland towards a screening measure for potential relative risk using open-source datasets. Journal of Environmental Management, 2021, 298, 113531.	3.8	10
11	Quantitative microbial risk assessment associated with ready-to-eat salads following the application of farmyard manure and slurry or anaerobic digestate to arable lands. Science of the Total Environment, 2021, 806, 151227.	3.9	10
12	Evaluation of pathogen concentration in anaerobic digestate using a predictive modelling approach (ADRISK). Science of the Total Environment, 2021, 800, 149574.	3.9	9
13	A GIS study to rank Irish agricultural lands with background and anthropogenic concentrations of metal(loid)s in soil. Chemosphere, 2022, 286, 131928.	4.2	9
14	Nanoparticle Food Applications and Their Toxicity: Current Trends and Needs in Risk Assessment Strategies. Journal of Food Protection, 2022, 85, 355-372.	0.8	9
15	Quantifying current and future raw milk losses due to bovine mastitis on European dairy farms under climate change scenarios. Science of the Total Environment, 2022, 833, 155149.	3.9	9
16	Quantitative microbial human exposure model for faecal indicator bacteria and risk assessment of pathogenic Escherichia coli in surface runoff following application of dairy cattle slurry and co-digestate to grassland. Journal of Environmental Management, 2021, 299, 113627.	3.8	5
17	A Bayesian inference approach to quantify average pathogen loads in farmyard manure and slurry using open-source Irish datasets. Science of the Total Environment, 2021, 786, 147474.	3.9	4