

Rajat Nag

List of Publications by Year in descending order

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17
papers

676
citations

932766

10
h-index

887659

17
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17
all docs

17
docs citations

17
times ranked

269
citing authors

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