Rubel Biswas Chowdhury

List of Publications by Year
in descending order

19 papers	659 citations	758635 12 h-index	839053 18 g-index
20 all docs	20 docs citations	20 times ranked	876 citing authors

#	Article	IF	Citations
1	Key sustainability challenges for the global phosphorus resource, their implications for global food security, and options for mitigation. Journal of Cleaner Production, 2017, 140, 945-963.	4.6	224
2	A review of recent substance flow analyses of phosphorus to identify priority management areas at different geographical scales. Resources, Conservation and Recycling, 2014, 83, 213-228.	5.3	111
3	Global Opportunities to Increase Agricultural Independence Through Phosphorus Recycling. Earth's Future, 2019, 7, 370-383.	2.4	62
4	Floating agriculture: a potential cleaner production technique for climate change adaptation and sustainable community development in Bangladesh. Journal of Cleaner Production, 2017, 150, 371-389.	4.6	45
5	A novel substance flow analysis model for analysing multi-year phosphorus flow at the regional scale. Science of the Total Environment, 2016, 572, 1269-1280.	3.9	26
6	Determining the potential role of the waste sector in decoupling of phosphorus: A comprehensive review of national scale substance flow analyses. Resources, Conservation and Recycling, 2019, 144, 144-157.	5.3	26
7	Environmental externalities of the COVID-19 lockdown: Insights for sustainability planning in the Anthropocene. Science of the Total Environment, 2021, 783, 147015.	3.9	24
8	Phosphorus use efficiency in agricultural systems: A comprehensive assessment through the review of national scale substance flow analyses. Ecological Indicators, 2021, 121, 107172.	2.6	21
9	A multi-year phosphorus flow analysis of a key agricultural region in Australia to identify options for sustainable management. Agricultural Systems, 2018, 161, 42-60.	3.2	20
10	Current status of municipal solid waste management system in Chittagong, Bangladesh. International Journal of Environment and Waste Management, 2013, 12, 167.	0.2	18
11	Socio-environmental consideration of phosphorus flows in the urban sanitation chain of contrasting cities. Regional Environmental Change, 2018, 18, 1387-1401.	1.4	17
12	Sustainability assessment of phosphorus in the waste management system of Bangladesh using substance flow analysis. Journal of Cleaner Production, 2020, 273, 122865.	4.6	15
13	Magnitude of anthropogenic phosphorus storage in the agricultural production and the waste management systems at the regional and country scales. Environmental Science and Pollution Research, 2016, 23, 15929-15940.	2.7	12
14	Unravelling the anthropogenic pathways of phosphorus in the food production and consumption system of Bangladesh through the lens of substance flow analysis. Journal of Industrial Ecology, 2019, 23, 1439-1455.	2.8	12
15	Phosphorus circular economy of disposable baby nappy waste: Quantification, assessment of recycling technologies and plan for sustainability. Science of the Total Environment, 2021, 799, 149339.	3.9	9
16	Urban metabolism of phosphorus in the food production-consumption system of Bangladesh. Journal of Environmental Management, 2021, 292, 112715.	3.8	8
17	Extent of Traffic Induced Noise in the Noise Sensitive Institutions of Chittagong City, Bangladesh. Noise and Vibration Worldwide, 2010, 41, 28-36.	0.4	7
18	Exposure of educational institutions to traffic-induced noise at Chittagong City, Bangladesh. International Journal of Vehicle Noise and Vibration, 2009, 5, 287.	0.0	2

#	Article	IF	Citations
19	Overuse of Phosphorus Resources. , 2019, , 249-254.		0