Rana Roy

List of Publications by Year
in descending order

23 papers	532 citations	758635 12 h-index	752256 20 g-index
24 all docs	24 docs citations	24 times ranked	334 citing authors

#	Article	IF	Citations
1	Exogenous melatonin reduces water deficit-induced oxidative stress and improves growth performance of Althaea rosea grown on coal mine spoils. Environmental Science and Pollution Research, 2022, 29, 61550-61560.	2.7	12
2	Do credit constraints affect the technical efficiency of Boro rice growers? Evidence from the District Pabna in Bangladesh. Environmental Science and Pollution Research, 2022, 29, 444-456.	2.7	11
3	Co-inoculation of Arbuscular Mycorrhizal Fungi and the Plant Growth-Promoting Rhizobacteria Improve Growth and Photosynthesis in Tobacco Under Drought Stress by Up-Regulating Antioxidant and Mineral Nutrition Metabolism. Microbial Ecology, 2022, 83, 971-988.	1.4	55
4	Revegetation of coal mine degraded arid areas: The role of a native woody species under optimum water and nutrient resources. Environmental Research, 2022, 204, 111921.	3.7	13
5	Cattle manure compost and biochar supplementation improve growth of Onobrychis viciifolia in coal-mined spoils under water stress conditions. Environmental Research, 2022, 205, 112440.	3.7	12
6	Relationship between organic matter and microbial biomass in different vegetation types. , 2022, , 225-245.		1
7	Data describing the eco-physiological responses of Elaeagnus angustifolia grown under contrasting regime of water and fertilizer in coal-mined spoils. Data in Brief, 2022, 42, 108222.	0.5	2
8	Optimal water and fertilizer applications improve growth of <scp>Tamarix chinensis</scp> in a coal mine degraded area under arid conditions. Physiologia Plantarum, 2021, 172, 371-390.	2.6	13
9	Revegetation intervention of drought-prone coal-mined spoils using Caragana korshinskii under variable water and nitrogen-phosphorus resources. Agricultural Water Management, 2021, 246, 106712.	2.4	15
10	Evaluation of preventive, supportive and awareness building measures among international students in China in response to COVID-19: a structural equation modeling approach. Global Health Research and Policy, 2021, 6, 10.	1.4	8
11	Womenâ€™s empowerment and their experience to food security in rural Bangladesh. Sociology of Health and Illness, 2021, 43, 971-994.	1.1	12
12	Enhancing antioxidant defense system of mung bean with a salicylic acid exogenous application to mitigate cadmium toxicity. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2021, 49, 12303.	0.5	33
13	The Influence of Womenâ€™s Empowerment on Poverty Reduction in the Rural Areas of Bangladesh: Focus on Health, Education and Living Standard. International Journal of Environmental Research and Public Health, 2021, 18, 6909.	1.2	27
14	Additions of optimum water, spent mushroom compost and wood biochar to improve the growth performance of Althaea rosea in drought-prone coal-mined spoils. Journal of Environmental Management, 2021, 295, 113076.	3.8	37
15	The Modulation of Water, Nitrogen, and Phosphorous Supply for Growth Optimization of the Evergreen Shrubs Ammopiptanthus mongolicus for Revegetation Purpose. Frontiers in Plant Science, 2021, 12, 766523.	1.7	4
16	Phytostabilization of Pb-Zn Mine Tailings with Amorpha fruticosa Aided by Organic Amendments and Triple Superphosphate. Molecules, 2020, 25, 1617.	1.7	24
17	Fine-tuning of soil water and nutrient fertilizer levels for the ecological restoration of coal-mined spoils using Elaeagnus angustifolia. Journal of Environmental Management, 2020, 270, 110855.	3.8	23
18	Improvement of growth performance of Amorpha fruticosa under contrasting regime of water and fertilizer in coal-contaminated spoils using response surface methodology. BMC Plant Biology, 2020, 20, 181.	1.6	14

#	Article	IF	Citations
19	Melatonin alleviates nickel phytotoxicity by improving photosynthesis, secondary metabolism and oxidative stress tolerance in tomato seedlings. Ecotoxicology and Environmental Safety, 2020, 197, 110593.	2.9	191
20	Allelopathic Effects of Aqueous Leaf Extracts from Four Shrub Species on Seed Germination and Initial Growth of Amygdalus pedunculata Pall.. Forests, 2018, 9, 711.	0.9	18
21	Effects of partial quantity rationing of credit on technical efficiency of Boro rice growers in Bangladesh: Application of the stochastic frontier model. Emirates Journal of Food and Agriculture, 0, , 501.	1.0	4
22	Impact of Depression Areas and Land-Use Change in the Soil Organic Carbon and Total Nitrogen contents in a Semi-Arid Karst Ecosystem. Cerne, 0, 27, .	0.9	2
23	Effects of gyttja applications on hay yield and quality of a rangeland in the Mediterranean region. International Journal of Environmental Science and Technology, 0, , .	1.8	0