

Rana Roy

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

532
citations

758635

12
h-index

752256

20
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24
all docs

24
docs citations

24
times ranked

334
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Melatonin alleviates nickel phytotoxicity by improving photosynthesis, secondary metabolism and oxidative stress tolerance in tomato seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2020, 197, 110593. | 2.9 | 191 |
| 2 | 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. <i>Microbial Ecology</i> , 2022, 83, 971-988. | 1.4 | 55 |
| 3 | Additions of optimum water, spent mushroom compost and wood biochar to improve the growth performance of <i>Althaea rosea</i> in drought-prone coal-mined spoils. <i>Journal of Environmental Management</i> , 2021, 295, 113076. | 3.8 | 37 |
| 4 | Enhancing antioxidant defense system of mung bean with a salicylic acid exogenous application to mitigate cadmium toxicity. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12303. | 0.5 | 33 |
| 5 | The Influence of Women's Empowerment on Poverty Reduction in the Rural Areas of Bangladesh: Focus on Health, Education and Living Standard. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6909. | 1.2 | 27 |
| 6 | Phytostabilization of Pb-Zn Mine Tailings with <i>Amorpha fruticosa</i> Aided by Organic Amendments and Triple Superphosphate. <i>Molecules</i> , 2020, 25, 1617. | 1.7 | 24 |
| 7 | Fine-tuning of soil water and nutrient fertilizer levels for the ecological restoration of coal-mined spoils using <i>Elaeagnus angustifolia</i> . <i>Journal of Environmental Management</i> , 2020, 270, 110855. | 3.8 | 23 |
| 8 | Allelopathic Effects of Aqueous Leaf Extracts from Four Shrub Species on Seed Germination and Initial Growth of <i>Amygdalus pedunculata</i> Pall.. <i>Forests</i> , 2018, 9, 711. | 0.9 | 18 |
| 9 | Revegetation intervention of drought-prone coal-mined spoils using <i>Caragana korshinskii</i> under variable water and nitrogen-phosphorus resources. <i>Agricultural Water Management</i> , 2021, 246, 106712. | 2.4 | 15 |
| 10 | Improvement of growth performance of <i>Amorpha fruticosa</i> under contrasting regime of water and fertilizer in coal-contaminated spoils using response surface methodology. <i>BMC Plant Biology</i> , 2020, 20, 181. | 1.6 | 14 |
| 11 | Optimal water and fertilizer applications improve growth of <i>Tamarix chinensis</i> in a coal mine degraded area under arid conditions. <i>Physiologia Plantarum</i> , 2021, 172, 371-390. | 2.6 | 13 |
| 12 | Revegetation of coal mine degraded arid areas: The role of a native woody species under optimum water and nutrient resources. <i>Environmental Research</i> , 2022, 204, 111921. | 3.7 | 13 |
| 13 | Women's empowerment and their experience to food security in rural Bangladesh. <i>Sociology of Health and Illness</i> , 2021, 43, 971-994. | 1.1 | 12 |
| 14 | Exogenous melatonin reduces water deficit-induced oxidative stress and improves growth performance of <i>Althaea rosea</i> grown on coal mine spoils. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61550-61560. | 2.7 | 12 |
| 15 | Cattle manure compost and biochar supplementation improve growth of <i>Onobrychis viciifolia</i> in coal-mined spoils under water stress conditions. <i>Environmental Research</i> , 2022, 205, 112440. | 3.7 | 12 |
| 16 | Do credit constraints affect the technical efficiency of Boro rice growers? Evidence from the District Pabna in Bangladesh. <i>Environmental Science and Pollution Research</i> , 2022, 29, 444-456. | 2.7 | 11 |
| 17 | Evaluation of preventive, supportive and awareness building measures among international students in China in response to COVID-19: a structural equation modeling approach. <i>Global Health Research and Policy</i> , 2021, 6, 10. | 1.4 | 8 |
| 18 | Effects of partial quantity rationing of credit on technical efficiency of Boro rice growers in Bangladesh: Application of the stochastic frontier model. <i>Emirates Journal of Food and Agriculture</i> , 0, , 501. | 1.0 | 4 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | The Modulation of Water, Nitrogen, and Phosphorous Supply for Growth Optimization of the Evergreen Shrubs <i>Ammopiptanthus mongolicus</i> for Revegetation Purpose. <i>Frontiers in Plant Science</i> , 2021, 12, 766523. | 1.7 | 4 |
| 20 | Impact of Depression Areas and Land-Use Change in the Soil Organic Carbon and Total Nitrogen contents in a Semi-Arid Karst Ecosystem. <i>Cerne</i> , 0, 27, . | 0.9 | 2 |
| 21 | Data describing the eco-physiological responses of <i>Elaeagnus angustifolia</i> grown under contrasting regime of water and fertilizer in coal-mined spoils. <i>Data in Brief</i> , 2022, 42, 108222. | 0.5 | 2 |
| 22 | Relationship between organic matter and microbial biomass in different vegetation types. , 2022, , 225-245. | | 1 |
| 23 | Effects of gyttja applications on hay yield and quality of a rangeland in the Mediterranean region. <i>International Journal of Environmental Science and Technology</i> , 0, , . | 1.8 | 0 |