

Mizanur Rahman

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

569
citations

471477

17
h-index

642715

23
g-index

25
all docs

25
docs citations

25
times ranked

569
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Flood signals in tree-ring $\delta^{18}\text{O}$ and wood anatomical parameters of <i>Lagerstroemia speciosa</i> : Implications for developing flood management strategies in Bangladesh. <i>Science of the Total Environment</i> , 2022, 809, 151125. | 8.0 | 2 |
| 2 | Stomatal size and density trade-off varies with leaf phenology and species shade tolerance in a South Asian moist tropical forest. <i>Functional Plant Biology</i> , 2022, 49, 307-318. | 2.1 | 5 |
| 3 | Tree-ring $\delta^{18}\text{O}$ climate signals vary among tree functional types in South Asian tropical moist forests. <i>Science of the Total Environment</i> , 2021, 756, 143939. | 8.0 | 8 |
| 4 | A global analysis on the effect of temperature, socio-economic and environmental factors on the spread and mortality rate of the COVID-19 pandemic. <i>Environment, Development and Sustainability</i> , 2021, 23, 9352-9366. | 5.0 | 34 |
| 5 | Disentangling the role of competition, light interception, and functional traits in tree growth rate variation in South Asian tropical moist forests. <i>Forest Ecology and Management</i> , 2021, 483, 118908. | 3.2 | 6 |
| 6 | Disentangling the effects of atmospheric CO ₂ and climate on intrinsic water-use efficiency in South Asian tropical moist forest trees. <i>Tree Physiology</i> , 2020, 40, 904-916. | 3.1 | 18 |
| 7 | Recent CO ₂ rise has modified the sensitivity of tropical tree growth to rainfall and temperature. <i>Global Change Biology</i> , 2020, 26, 4028-4041. | 9.5 | 30 |
| 8 | Trends in tree growth and intrinsic water-use efficiency in the tropics under elevated CO ₂ and climate change. <i>Trees - Structure and Function</i> , 2019, 33, 623-640. | 1.9 | 41 |
| 9 | Long-term wood anatomical time series of two ecologically contrasting tropical tree species reveal differential hydraulic adjustment to climatic stress. <i>Agricultural and Forest Meteorology</i> , 2019, 265, 412-423. | 4.8 | 21 |
| 10 | Impact of extreme drought on tree-ring width and vessel anatomical features of <i>Chukrasia tabularis</i> . <i>Dendrochronologia</i> , 2019, 53, 63-72. | 2.2 | 26 |
| 11 | Species-specific growth resilience to drought in a mixed semi-deciduous tropical moist forest in South Asia. <i>Forest Ecology and Management</i> , 2019, 433, 487-496. | 3.2 | 36 |
| 12 | Growth-Ring Boundary Anatomy and Dendrochronological Potential in a Moist Tropical Forest in Northeastern Bangladesh. <i>Tree-Ring Research</i> , 2018, 74, 76-93. | 0.6 | 33 |
| 13 | Xylem anatomical responses of diffuse porous <i>Chukrasia tabularis</i> to climate in a South Asian moist tropical forest. <i>Forest Ecology and Management</i> , 2018, 412, 9-20. | 3.2 | 18 |
| 14 | Changes in Sensitivity of Tree-Ring Widths to Climate in a Tropical Moist Forest Tree in Bangladesh. <i>Forests</i> , 2018, 9, 761. | 2.1 | 25 |
| 15 | Long-Term Hydraulic Adjustment of Three Tropical Moist Forest Tree Species to Changing Climate. <i>Frontiers in Plant Science</i> , 2018, 9, 1761. | 3.6 | 27 |
| 16 | Tree radial growth is projected to decline in South Asian moist forest trees under climate change. <i>Global and Planetary Change</i> , 2018, 170, 106-119. | 3.5 | 37 |
| 17 | Forest fragmentation reduced carbon storage in a moist tropical forest in Bangladesh: Implications for policy development. <i>Land Use Policy</i> , 2017, 65, 15-25. | 5.6 | 29 |
| 18 | Long-term growth decline in <i>Toona ciliata</i> in a moist tropical forest in Bangladesh: Impact of global warming. <i>Acta Oecologica</i> , 2017, 80, 8-17. | 1.1 | 22 |

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|----|---|-----|-----------|
| 19 | Local and regional climatic signals recorded in tree-rings of <i>Chukrasia tabularis</i> in Bangladesh. <i>Dendrochronologia</i> , 2017, 45, 1-11. | 2.2 | 17 |
| 20 | Management and Economic Aspects of Growing <i>Aquilaria agallocha</i> Roxb. in Bangladesh. <i>Small-Scale Forestry</i> , 2015, 14, 459-478. | 1.7 | 10 |
| 21 | Effect of Tree Diversity on Soil Organic Carbon Content in the Homegarden Agroforestry System of North-Eastern Bangladesh. <i>Small-Scale Forestry</i> , 2015, 14, 91-101. | 1.7 | 39 |
| 22 | Carbon storage in a bamboo (<i>Bambusa vulgaris</i>) plantation in the degraded tropical forests: Implications for policy development. <i>Land Use Policy</i> , 2015, 49, 142-151. | 5.6 | 49 |
| 23 | The importance of forests to protect medicinal plants: a case study of Khadimnagar National Park, Bangladesh. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2011, 7, 283-294. | 2.9 | 19 |
| 24 | Nature, Profitability and Sustainability of Murta (<i>Schumannianthus dichotoma</i> (Sal.) Willd.) Based Small-Scale Enterprises in North-Eastern Bangladesh. <i>Small-Scale Forestry</i> , 2010, 9, 369-378. | 1.7 | 7 |
| 25 | Financial viability and conservation role of betel leaf based agroforestry: an indigenous hill farming system of Khasia community in Bangladesh. <i>Journal of Forestry Research</i> , 2009, 20, 131-136. | 3.6 | 10 |