

# Mizanur Rahman

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

569  
citations

471509  
17  
h-index

642732  
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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 &amp; 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