

# Sisay Debele

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2164138/publications.pdf>

Version: 2024-02-01

14  
papers

828  
citations

840776

11  
h-index

1058476

14  
g-index

26  
all docs

26  
docs citations

26  
times ranked

949  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Temporary reduction in fine particulate matter due to “anthropogenic emissions switch-off” during COVID-19 lockdown in Indian cities. <i>Sustainable Cities and Society</i> , 2020, 62, 102382.                             | 10.4 | 192       |
| 2  | Towards an operationalisation of nature-based solutions for natural hazards. <i>Science of the Total Environment</i> , 2020, 731, 138855.   | 8.0  | 105       |
| 3  | Nature-based solutions for hydro-meteorological hazards: Revised concepts, classification schemes and databases. <i>Environmental Research</i> , 2019, 179, 108799.   | 7.5  | 101       |
| 4  | Nature-based solutions efficiency evaluation against natural hazards: Modelling methods, advantages and limitations. <i>Science of the Total Environment</i> , 2021, 784, 147058.   | 8.0  | 87        |
| 5  | Hydro-meteorological risk assessment methods and management by nature-based solutions. <i>Science of the Total Environment</i> , 2019, 696, 133936.   | 8.0  | 76        |
| 6  | An overview of monitoring methods for assessing the performance of nature-based solutions against natural hazards. <i>Earth-Science Reviews</i> , 2021, 217, 103603.  | 9.1  | 72        |
| 7  | A review of hydro-meteorological hazard, vulnerability, and risk assessment frameworks and indicators in the context of nature-based solutions. <i>International Journal of Disaster Risk Reduction</i> , 2020, 50, 101728. | 3.9  | 52        |
| 8  | Climate Change Impact on Hydrological Extremes: Preliminary Results from the Polish-Norwegian Project. <i>Acta Geophysica</i> , 2016, 64, 477-509.  | 2.0  | 39        |
| 9  | A comparison of three approaches to non-stationary flood frequency analysis. <i>Acta Geophysica</i> , 2017, 65, 863-883.  | 2.0  | 38        |
| 10 | Around and about an application of the GAMLSS package to non-stationary flood frequency analysis. <i>Acta Geophysica</i> , 2017, 65, 885-892.   | 2.0  | 21        |
| 11 | Heat risk of mortality in two different regions of the United Kingdom. <i>Sustainable Cities and Society</i> , 2022, 80, 103758.  | 10.4 | 13        |
| 12 | Evaluating Nature-Based Solution for Flood Reduction in Spercheios River Basin under Current and Future Climate Conditions. <i>Sustainability</i> , 2021, 13, 3885.   | 3.2  | 12        |
| 13 | The impact of seasonal flood peak dependence on annual maxima design quantiles. <i>Hydrological Sciences Journal</i> , 2017, 62, 1603-1617.   | 2.6  | 10        |
| 14 | On the Management of Nature-Based Solutions in Open-Air Laboratories: New Insights and Future Perspectives. <i>Resources</i> , 2021, 10, 36.  | 3.5  | 7         |