

Sananda Kundu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,024
citations

394421

19
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

1201
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Spatial and temporal analysis of rainfall and temperature trend of India. Theoretical and Applied Climatology, 2015, 122, 143-158. | 2.8 | 181 |
| 2 | Individual and combined impacts of future climate and land use changes on the water balance. Ecological Engineering, 2017, 105, 42-57. | 3.6 | 98 |
| 3 | Past, present and future land use changes and their impact on water balance. Journal of Environmental Management, 2017, 197, 582-596. | 7.8 | 81 |
| 4 | Spatial soil organic carbon (SOC) prediction by regression kriging using remote sensing data. Egyptian Journal of Remote Sensing and Space Science, 2017, 20, 61-70. | 2.0 | 67 |
| 5 | Analysis of spatial and temporal variation in rainfall trend of Madhya Pradesh, India (1901-2011). Environmental Earth Sciences, 2015, 73, 8197-8216. | 2.7 | 62 |
| 6 | Impact of Climate Change on Future Soil Erosion in Different Slope, Land Use, and Soil-Type Conditions in a Part of the Narmada River Basin, India. Journal of Hydrologic Engineering - ASCE, 2015, 20, . | 1.9 | 54 |
| 7 | Uncertainty of soil erosion modelling using open source high resolution and aggregated DEMs. Geoscience Frontiers, 2017, 8, 425-436. | 8.4 | 51 |
| 8 | Change in rainfall erosivity in the past and future due to climate change in the central part of India. International Soil and Water Conservation Research, 2016, 4, 186-194. | 6.5 | 46 |
| 9 | Landuse change impact on sub-watersheds prioritization by analytical hierarchy process (AHP). Ecological Informatics, 2017, 42, 100-113. | 5.2 | 39 |
| 10 | Future changes in rainfall, temperature and reference evapotranspiration in the central India by least square support vector machine. Geoscience Frontiers, 2017, 8, 583-596. | 8.4 | 38 |
| 11 | A comparative study of soil erosion modelling by MMF, USLE and RUSLE. Geocarto International, 2018, 33, 89-103. | 3.5 | 37 |
| 12 | Climate change impact on soil erosion in the Mandakini River Basin, North India. Applied Water Science, 2017, 7, 2373-2383. | 5.6 | 31 |
| 13 | Impact assessment of climate change on future soil erosion and SOC loss. Natural Hazards, 2016, 82, 1515-1539. | 3.4 | 30 |
| 14 | Interrelationship of rainfall, temperature and reference evapotranspiration trends and their net response to the climate change in Central India. Theoretical and Applied Climatology, 2017, 130, 879-900. | 2.8 | 30 |
| 15 | Impact of landuse/land cover change on run-off in the catchment of a hydro power project. Applied Water Science, 2017, 7, 787-800. | 5.6 | 29 |
| 16 | Flood monitoring using microwave remote sensing in a part of Nuna river basin, Odisha, India. Natural Hazards, 2015, 76, 123-138. | 3.4 | 25 |
| 17 | Uncertainty analysis of soil erosion modelling using different resolution of open-source DEMs. Geocarto International, 2017, 32, 334-349. | 3.5 | 25 |
| 18 | Projecting Climate and Land Use Change Impacts on Actual Evapotranspiration for the Narmada River Basin in Central India in the Future. Remote Sensing, 2018, 10, 578. | 4.0 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Shifting shoreline of Sagar Island Delta, India. Journal of Maps, 2014, 10, 612-619. | 2.0 | 23 |
| 20 | Impact of landuse/land cover change on run-off in a catchment of Narmada river in India. Applied Geomatics, 2015, 7, 23-35. | 2.5 | 17 |
| 21 | Long Term Rainfall Trend Analysis (1871â€“2011) for Whole India. Advances in Geographical and Environmental Sciences, 2014, , 45-60. | 0.6 | 13 |
| 22 | Detection of Land Use Change and Future Prediction with Markov Chain Model in a Part of Narmada River Basin, Madhya Pradesh. Advances in Geographical and Environmental Sciences, 2014, , 3-14. | 0.6 | 13 |
| 23 | Landuse Change Prediction and Its Impact on Surface Run-off Using Fuzzy C-Mean, Markov Chain and Curve Number Methods. Advances in Intelligent Systems and Computing, 2014, , 365-376. | 0.6 | 4 |
| 24 | Crop Identification by Fuzzy C-Mean in Ravi Season Using Multi-Spectral Temporal Images. Advances in Intelligent Systems and Computing, 2014, , 391-401. | 0.6 | 3 |
| 25 | Identification of Crop Types with the Fuzzy Supervised Classification Using AWiFS and LISS-III Images. Springer Remote Sensing/photogrammetry, 2017, , 73-86. | 0.4 | 1 |
| 26 | Estimation of Flood Inundation and Depth During Hurricane Florence Using Sentinel-1 and UAVSAR Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 1 |