

Luca Caporaso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3051668/publications.pdf>

Version: 2024-02-01

17
papers

493
citations

759233

12
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

990
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Biophysical effects on temperature and precipitation due to land cover change. Environmental Research Letters, 2017, 12, 053002. | 5.2 | 154 |
| 2 | Local biophysical effects of land use and land cover change: towards an assessment tool for policy makers. Land Use Policy, 2020, 91, 104382. | 5.6 | 64 |
| 3 | Automatic detection of atmospheric boundary layer height using ceilometer backscatter data assisted by a boundary layer model. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 649-663. | 2.7 | 47 |
| 4 | A new global dataset of bioclimatic indicators. Scientific Data, 2020, 7, 398. | 5.3 | 43 |
| 5 | Study of atmospheric aerosols and mixing layer by LIDAR. Radiation Protection Dosimetry, 2009, 137, 275-279. | 0.8 | 36 |
| 6 | Interconnections of the urban heat island with the spatial and temporal micrometeorological variability in Rome. Urban Climate, 2019, 29, 100493. | 5.7 | 24 |
| 7 | Complex drought patterns robustly explain global yield loss for major crops. Scientific Reports, 2022, 12, 5792. | 3.3 | 24 |
| 8 | The expansion of wheat thermal suitability of Russia in response to climate change. Land Use Policy, 2018, 78, 70-77. | 5.6 | 19 |
| 9 | Assessment of malaria transmission changes in Africa, due to the climate impact of land use change using Coupled Model Intercomparison Project Phase 5 earth system models. Geospatial Health, 2016, 11, 380. | 0.8 | 18 |
| 10 | Climate Change and Geographic Ranges: The Implications for Russian Forests. Frontiers in Ecology and Evolution, 2019, 7, . | 2.2 | 14 |
| 11 | Observational Support for the Stability Dependence of the Bulk Richardson Number Across the Stable Boundary Layer. Boundary-Layer Meteorology, 2014, 150, 515-523. | 2.3 | 13 |
| 12 | Inferring soil moisture variability in the Mediterranean Sea area using infrared and passive microwave observations. Canadian Journal of Remote Sensing, 2012, 38, 46-59. | 2.4 | 12 |
| 13 | A Generalized Deforestation and Land-Use Change Scenario Generator for Use in Climate Modelling Studies. PLoS ONE, 2015, 10, e0136154. | 2.5 | 12 |
| 14 | Evaluation of Freshwater Flow From Rivers to the Sea in CMIP5 Simulations: Insights From the Congo River Basin. Journal of Geophysical Research D: Atmospheres, 2018, 123, 10,278. | 3.3 | 9 |
| 15 | Exploitation of C- and X-band SAR images for soil moisture change detection estimation in agricultural areas (Po Valley, Italy). , 2010, , . | | 2 |
| 16 | Relating Mean Radiosounding Profiles to Surface Fluxes for the Very Stable Boundary Layer. Boundary-Layer Meteorology, 2013, 147, 203-215. | 2.3 | 2 |
| 17 | Drivers of Migration in the Trans-Mediterranean Region: The Likely Role of Climate Change and Resource Security in the Geopolitical Context. , 2019, , 35-61. | | 0 |