

Antonio Trabucco

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,216
citations

293460

24
h-index

312153

41
g-index

45
all docs

45
docs citations

45
times ranked

6838
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Performances of climatic indicators from seasonal forecasts for ecosystem management: The case of Central Europe and the Mediterranean. <i>Agricultural and Forest Meteorology</i> , 2022, 319, 108921. | 1.9 | 2 |
| 2 | Global carbon sequestration potential of agroforestry and increased tree cover on agricultural land. <i>Circular Agricultural Systems</i> , 2022, 2, 1-10. | 0.5 | 9 |
| 3 | Version 3 of the Global Aridity Index and Potential Evapotranspiration Database. <i>Scientific Data</i> , 2022, 9, . | 2.4 | 151 |
| 4 | A kingdom in decline: Holocene range contraction of the lion (<i>Panthera leo</i>) modelled with global environmental stratification. <i>PeerJ</i> , 2021, 9, e10504. | 0.9 | 3 |
| 5 | A modelling platform for climate change impact on local and regional crop water requirements. <i>Agricultural Water Management</i> , 2021, 255, 107005. | 2.4 | 27 |
| 6 | Engaging Transformation: Using Seasonal Rounds to Anticipate Climate Change. <i>Human Ecology</i> , 2021, 49, 509-523. | 0.7 | 11 |
| 7 | Modeling high-resolution climate change impacts on wheat and maize in Italy. <i>Climate Risk Management</i> , 2021, 33, 100339. | 1.6 | 13 |
| 8 | A height-wood-seed axis which is preserved across climatic regions explains tree dominance in European forest communities. <i>Plant Ecology</i> , 2019, 220, 467-480. | 0.7 | 4 |
| 9 | Predicting range shifts of Asian elephants under global change. <i>Diversity and Distributions</i> , 2019, 25, 822-838. | 1.9 | 62 |
| 10 | Anticipating Climatic Variability: The Potential of Ecological Calendars. <i>Human Ecology</i> , 2018, 46, 249-257. | 0.7 | 35 |
| 11 | Tree seedling vitality improves with functional diversity in a Mediterranean common garden experiment. <i>Forest Ecology and Management</i> , 2018, 409, 614-633. | 1.4 | 10 |
| 12 | Modeling ozone uptake by urban and peri-urban forest: a case study in the Metropolitan City of Rome. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8190-8205. | 2.7 | 9 |
| 13 | Random subset feature selection for ecological niche models of wildfire activity in Western North America. <i>Ecological Modelling</i> , 2018, 383, 52-68. | 1.2 | 18 |
| 14 | Multi-Stakeholder Development of a Serious Game to Explore the Water-Energy-Food-Land-Climate Nexus: The SIM4NEXUS Approach. <i>Water (Switzerland)</i> , 2018, 10, 139. | 1.2 | 69 |
| 15 | Assessment of Irrigated Agriculture Vulnerability under Climate Change in Southern Italy. <i>Water (Switzerland)</i> , 2018, 10, 209. | 1.2 | 25 |
| 16 | Environmental filtering drives community specific leaf area in Spanish forests and predicts relevant changes under future climatic conditions. <i>Forest Ecology and Management</i> , 2017, 405, 1-8. | 1.4 | 4 |
| 17 | A risk assessment framework for irrigated agriculture under climate change. <i>Advances in Water Resources</i> , 2017, 110, 562-578. | 1.7 | 55 |
| 18 | Coexistence trend contingent to Mediterranean oaks with different leaf habits. <i>Ecology and Evolution</i> , 2017, 7, 3006-3015. | 0.8 | 5 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Understanding global climate change scenarios through bioclimate stratification. <i>Environmental Research Letters</i> , 2017, 12, 084002. | 2.2 | 7 |
| 20 | Specific leaf area and hydraulic traits explain niche segregation along an aridity gradient in Mediterranean woody species. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2016, 21, 23-30. | 1.1 | 47 |
| 21 | The future distribution of the savannah biome: model-based and biogeographic contingency. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150311. | 1.8 | 22 |
| 22 | Global Tree Cover and Biomass Carbon on Agricultural Land: The contribution of agroforestry to global and national carbon budgets. <i>Scientific Reports</i> , 2016, 6, 29987. | 1.6 | 350 |
| 23 | Operational resilience of reservoirs to climate change, agricultural demand, and tourism: A case study from Sardinia. <i>Science of the Total Environment</i> , 2016, 543, 1028-1038. | 3.9 | 59 |
| 24 | Projected impact of climate change on the effectiveness of the existing protected area network for biodiversity conservation within Yunnan Province, China. <i>Biological Conservation</i> , 2015, 184, 335-345. | 1.9 | 70 |
| 25 | The economics and greenhouse gas balance of land conversion to <i>Jatropha</i> : the case of Tanzania. <i>GCB Bioenergy</i> , 2015, 7, 302-315. | 2.5 | 4 |
| 26 | Pan-Tropical Analysis of Climate Effects on Seasonal Tree Growth. <i>PLoS ONE</i> , 2014, 9, e92337. | 1.1 | 50 |
| 27 | Environmental stratification to model climate change impacts on biodiversity and rubber production in Xishuangbanna, Yunnan, China. <i>Biological Conservation</i> , 2014, 170, 264-273. | 1.9 | 79 |
| 28 | Projected climate change impacts on spatial distribution of bioclimatic zones and ecoregions within the Kailash Sacred Landscape of China, India, Nepal. <i>Climatic Change</i> , 2014, 125, 445-460. | 1.7 | 62 |
| 29 | Potential, realised, future distribution and environmental suitability for <i>Pterocarpus angolensis</i> DC in southern Africa. <i>Forest Ecology and Management</i> , 2014, 315, 211-226. | 1.4 | 32 |
| 30 | Ecological traits of Mediterranean tree species as a basis for modelling forest dynamics in the Taurus mountains, Turkey. <i>Ecological Modelling</i> , 2014, 286, 53-65. | 1.2 | 13 |
| 31 | Environmental stratifications as the basis for national, European and global ecological monitoring. <i>Ecological Indicators</i> , 2013, 33, 26-35. | 2.6 | 66 |
| 32 | Global greenhouse gas implications of land conversion to biofuel crop cultivation in arid and semi-arid lands – Lessons learned from <i>Jatropha</i> . <i>Journal of Arid Environments</i> , 2013, 98, 135-145. | 1.2 | 34 |
| 33 | A high-resolution bioclimate map of the world: a unifying framework for global biodiversity research and monitoring. <i>Global Ecology and Biogeography</i> , 2013, 22, 630-638. | 2.7 | 245 |
| 34 | Does energy dissipation increase with ecosystem succession? Testing the ecosystem exergy theory combining theoretical simulations and thermal remote sensing observations. <i>Ecological Modelling</i> , 2011, 222, 3917-3941. | 1.2 | 31 |
| 35 | Towards domestication of <i>Jatropha curcas</i> . <i>Biofuels</i> , 2010, 1, 91-107. | 1.4 | 159 |
| 36 | <i>Jatropha</i> : From global hype to local opportunity. <i>Journal of Arid Environments</i> , 2010, 74, 164-165. | 1.2 | 136 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Global mapping of <i>Jatropha curcas</i> yield based on response of fitness to present and future climate. <i>GCB Bioenergy</i> , 2010, 2, 139-151. | 2.5 | 54 |
| 38 | Climatic growing conditions of <i>Jatropha curcas</i> L.. <i>Biomass and Bioenergy</i> , 2009, 33, 1481-1485. | 2.9 | 145 |
| 39 | Land Area Eligible for Afforestation and Reforestation within the Clean Development Mechanism: A Global Analysis of the Impact of Forest Definition. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2008, 13, 219-239. | 1.0 | 21 |
| 40 | Climate change mitigation: A spatial analysis of global land suitability for clean development mechanism afforestation and reforestation. <i>Agriculture, Ecosystems and Environment</i> , 2008, 126, 67-80. | 2.5 | 845 |
| 41 | Climate change mitigation through afforestation/reforestation: A global analysis of hydrologic impacts with four case studies. <i>Agriculture, Ecosystems and Environment</i> , 2008, 126, 81-97. | 2.5 | 172 |