

Enrico Tomelleri

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

7,107
citations

257450

24
h-index

395702

33
g-index

38
all docs

38
docs citations

38
times ranked

9662
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Unified TreeTalker Data Curation Process. <i>Forests</i> , 2022, 13, 855.	2.1	5
2	The albedo climate penalty of hydropower reservoirs. <i>Nature Energy</i> , 2021, 6, 372-377.	39.5	27
3	A new generation of sensors and monitoring tools to support climate-smart forestry practices. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1751-1765.	1.7	26
4	Testing the Height Variation Hypothesis with the R rasterdiv Package for Tree Species Diversity Estimation. <i>Remote Sensing</i> , 2021, 13, 3569.	4.0	10
5	Linking Sap Flow Measurements with Earth Observations. , 2021, , .		2
6	Hyplant-Derived Sun-Induced Fluorescence A New Opportunity to Disentangle Complex Vegetation Signals from Diverse Vegetation Types. <i>Remote Sensing</i> , 2019, 11, 1691.	4.0	18
7	The urban imprint on plant phenology. <i>Nature Ecology and Evolution</i> , 2019, 3, 1668-1674.	7.8	65
8	Sun-Induced Chlorophyll Fluorescence II: Review of Passive Measurement Setups, Protocols, and Their Application at the Leaf to Canopy Level. <i>Remote Sensing</i> , 2019, 11, 927.	4.0	61
9	A Comparison of the Signal from Diverse Optical Sensors for Monitoring Alpine Grassland Dynamics. <i>Remote Sensing</i> , 2019, 11, 296.	4.0	25
10	Timescale effects on the environmental control of carbon and water fluxes of an apple orchard. <i>Ecology and Evolution</i> , 2018, 8, 416-434.	1.9	21
11	Inversion of the Prosail Model from UAV Data. , 2018, , .		0
12	On the energy balance closure and net radiation in complex terrain. <i>Agricultural and Forest Meteorology</i> , 2016, 226-227, 37-49.	4.8	30
13	Phenopix: A R package for image-based vegetation phenology. <i>Agricultural and Forest Meteorology</i> , 2016, 220, 141-150.	4.8	136
14	On the relationship between ecosystem-scale hyperspectral reflectance and CO ₂ exchange in European mountain grasslands. <i>Biogeosciences</i> , 2015, 12, 3089-3108.	3.3	21
15	EUROSPEC: at the interface between remote-sensing and ecosystem CO ₂ flux measurements in Europe. <i>Biogeosciences</i> , 2015, 12, 6103-6124.	3.3	47
16	Uncertainty analysis of gross primary production upscaling using Random Forests, remote sensing and eddy covariance data. <i>Remote Sensing of Environment</i> , 2015, 168, 360-373.	11.0	103
17	Influence of physiological phenology on the seasonal pattern of ecosystem respiration in deciduous forests. <i>Global Change Biology</i> , 2015, 21, 363-376.	9.5	52
18	Carbon cycle uncertainty in the Alaskan Arctic. <i>Biogeosciences</i> , 2014, 11, 4271-4288.	3.3	92

#	ARTICLE	IF	CITATIONS
19	Extreme events in gross primary production: a characterization across continents. <i>Biogeosciences</i> , 2014, 11, 2909-2924.	3.3	77
20	Harmonized European Long-Term Climate Data for Assessing the Effect of Changing Temporal Variability on Land-atmosphere CO ₂ Fluxes. <i>Journal of Climate</i> , 2014, 27, 4815-4834.	3.2	42
21	A few extreme events dominate global interannual variability in gross primary production. <i>Environmental Research Letters</i> , 2014, 9, 035001.	5.2	194
22	Evaluation of continental carbon cycle simulations with North American flux tower observations. <i>Ecological Monographs</i> , 2013, 83, 531-556.	5.4	75
23	North American Carbon Program (NACP) regional interim synthesis: Terrestrial biospheric model intercomparison. <i>Ecological Modelling</i> , 2012, 232, 144-157.	2.5	207
24	Remote sensing of ecosystem light use efficiency with MODIS-based PRI. <i>Biogeosciences</i> , 2011, 8, 189-202.	3.3	64
25	Semiempirical modeling of abiotic and biotic factors controlling ecosystem respiration across eddy covariance sites. <i>Global Change Biology</i> , 2011, 17, 390-409.	9.5	128
26	The net biome production of full crop rotations in Europe. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 336-345.	5.3	152
27	The carbon balance of European croplands: A cross-site comparison of simulation models. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 419-453.	5.3	55
28	The European carbon balance. Part 2: croplands. <i>Global Change Biology</i> , 2010, 16, 1409-1428.	9.5	185
29	Recent decline in the global land evapotranspiration trend due to limited moisture supply. <i>Nature</i> , 2010, 467, 951-954.	27.8	1,771
30	Deciphering the components of regional net ecosystem fluxes following a bottom-up approach for the Iberian Peninsula. <i>Biogeosciences</i> , 2010, 7, 3707-3729.	3.3	27
31	Influence of spring and autumn phenological transitions on forest ecosystem productivity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3227-3246.	4.0	751
32	Terrestrial Gross Carbon Dioxide Uptake: Global Distribution and Covariation with Climate. <i>Science</i> , 2010, 329, 834-838.	12.6	2,056
33	Improving land surface models with FLUXNET data. <i>Biogeosciences</i> , 2009, 6, 1341-1359.	3.3	308
34	The REFLEX project: Comparing different algorithms and implementations for the inversion of a terrestrial ecosystem model against eddy covariance data. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 1597-1615.	4.8	138
35	Analyzing the causes and spatial pattern of the European 2003 carbon flux anomaly using seven models. <i>Biogeosciences</i> , 2008, 5, 561-583.	3.3	136