Rossana Monica Ferrara

List of Publications by Year
in descending order

21 papers	390 citations	1039406 9 h-index	794141 19 g-index
21 all docs	21 docs citations	21 times ranked	725 citing authors

#	Article	IF	Citations
1	Carbon, nitrogen and Greenhouse gases budgets over a four years crop rotation in northern France. Plant and Soil, 2011, 343, 109-137.	1.8	111
2	Alternate Wetting and Drying of Rice Reduced CH4 Emissions but Triggered N2O Peaks in a Clayey Soil of Central Italy. Pedosphere, 2016, 26, 533-548.	2.1	91
3	Inverse dispersion modelling highlights the efficiency of slurry injection to reduce ammonia losses by agriculture in the Po Valley (Italy). Agricultural and Forest Meteorology, 2013, 171-172, 306-318.	1.9	26
4	CO2 and H2O flux partitioning in a Mediterranean cropping system. Agricultural and Forest Meteorology, 2018, 260-261, 118-130.	1.9	24
5	An operational model to estimate hourly and daily crop evapotranspiration in hilly terrain: validation on wheat and oat crops. Theoretical and Applied Climatology, 2011, 103, 413-426.	1.3	21
6	Dynamics of ammonia volatilisation measured by eddy covariance during slurry spreading in north Italy. Agriculture, Ecosystems and Environment, 2016, 219, 1-13.	2.5	17
7	Actual evapotranspiration for a reference crop within measured and future changing climate periods in the Mediterranean region. Theoretical and Applied Climatology, 2017, 129, 923-938.	1.3	15
8	Tree transpiration in a multi-species Mediterranean garden. Agricultural and Forest Meteorology, 2020, 280, 107767.	1.9	14
9	Air cooling by tree transpiration: A case study of Olea europaea, Citrus sinensis and Pinus pinea in Mediterranean town. Urban Climate, 2019, 29, 100507.	2.4	11
10	Ammonia, nitrous oxide, carbon dioxide, and water vapor fluxes after green manuring of faba bean under Mediterranean climate. Agriculture, Ecosystems and Environment, 2021, 315, 107439.	2.5	11
11	Field scale recalibration of the sap flow thermal dissipation method in a Mediterranean vineyard. Agricultural and Forest Meteorology, 2019, 269-270, 169-179.	1.9	10
12	An intra-stand approach to identify intra-annual growth responses to climate in Pinus nigra subsp. laricio Poiret trees from southern Italy. Forest Ecology and Management, 2018, 425, 9-20.	1.4	9
13	Which are the most favourable conditions for reducing soil CO2 emissions with no-tillage? Results from a meta-analysis. International Soil and Water Conservation Research, 2022, 10, 497-506.	3.0	8
14	Representativeness of Carbon Dioxide Fluxes Measured by Eddy Covariance over a Mediterranean Urban District with Equipment Setup Restrictions. Atmosphere, 2021, 12, 197.	1.0	5
15	Limitations of an Eddy-Covariance System in Measuring Low Ammonia Fluxes. Boundary-Layer Meteorology, 2021, 180, 173-186.	1.2	5
16	A model for estimating transpiration of rainfed urban trees in Mediterranean environment. Theoretical and Applied Climatology, 2019, 138, 683-699.	1.3	4
17	Soil respiration during three cropping cycles of durum wheat under different tillage conditions in a Mediterranean environment. Soil Use and Management, 2022, 38, 1547-1563.	2.6	4
18	Actual transpiration and canopy resistance in a Mediterranean vineyard irrigated with saline water. Irrigation Science, 2021, 39, 469-481.	1.3	3

#	Article	IF	Citations
19	Intra-annual raw basal area increments (early-wood and late-wood) of Pinus nigra subsp. laricio Poiret trees from southern Italy at the pines×3 mesic to xeric distribution range. Data in Brief, 2018, 20, 683-685.	0.5	1
20	Carbon and water dynamics of a bioenergy crop (Cynara cardunculus L.) under different meteorological conditions in a semi-arid region. Italian Journal of Agronomy, 0, , .	0.4	0
21	The sources of CO2 emissions by slurry spreading under field conditions. , 2019, , .		0