

Rossella Guerrieri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/118216/publications.pdf>

Version: 2024-02-01

32
papers

2,035
citations

304368

22
h-index

414034

32
g-index

36
all docs

36
docs citations

36
times ranked

3858
citing authors

#	ARTICLE	IF	CITATIONS
1	Global decadal variability of plant carbon isotope discrimination and its link to gross primary production. <i>Global Change Biology</i> , 2022, 28, 524-541.	4.2	13
2	Cross-biome synthesis of source versus sink limits to tree growth. <i>Science</i> , 2022, 376, 758-761.	6.0	76
3	Drought-induced decoupling between carbon uptake and tree growth impacts forest carbon turnover time. <i>Agricultural and Forest Meteorology</i> , 2022, 322, 108996.	1.9	16
4	Limits and Strengths of Tree-Ring Stable Isotopes. <i>Tree Physiology</i> , 2022, , 399-428.	0.9	7
5	Physiological and environmental control on ecosystem water use efficiency in response to drought across the northern hemisphere. <i>Science of the Total Environment</i> , 2021, 758, 143599.	3.9	48
6	Land-use legacies influence tree water-use efficiency and nitrogen availability in recently established European forests. <i>Functional Ecology</i> , 2021, 35, 1325-1340.	1.7	7
7	Canopy Exchange and Modification of Nitrogen Fluxes in Forest Ecosystems. <i>Current Forestry Reports</i> , 2021, 7, 115-137.	3.4	10
8	Precipitation alters the CO ₂ effect on water-use efficiency of temperate forests. <i>Global Change Biology</i> , 2021, 27, 1560-1571.	4.2	26
9	Partitioning between atmospheric deposition and canopy microbial nitrification into throughfall nitrate fluxes in a Mediterranean forest. <i>Journal of Ecology</i> , 2020, 108, 626-640.	1.9	20
10	Climate and atmospheric deposition effects on forest water-use efficiency and nitrogen availability across Britain. <i>Scientific Reports</i> , 2020, 10, 12418.	1.6	18
11	Reply to: Data do not support large-scale oligotrophication of terrestrial ecosystems. <i>Nature Ecology and Evolution</i> , 2019, 3, 1287-1288.	3.4	4
12	Disentangling the role of photosynthesis and stomatal conductance on rising forest water-use efficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16909-16914.	3.3	166
13	Global photosynthetic capacity is optimized to the environment. <i>Ecology Letters</i> , 2019, 22, 506-517.	3.0	153
14	Isotopic evidence for oligotrophication of terrestrial ecosystems. <i>Nature Ecology and Evolution</i> , 2018, 2, 1735-1744.	3.4	138
15	Solar radiation and functional traits explain the decline of forest primary productivity along a tropical elevation gradient. <i>Ecology Letters</i> , 2017, 20, 730-740.	3.0	100
16	Evaluating climate signal recorded in tree-ring $\delta^{13}C$ and $\delta^{18}O$ values from bulk wood and $\delta^{13}C$ cellulose for six species across four sites in the northeastern US. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 2081-2091.	0.7	16
17	The variation of productivity and its allocation along a tropical elevation gradient: a whole carbon budget perspective. <i>New Phytologist</i> , 2017, 214, 1019-1032.	3.5	126
18	Leaf-level photosynthetic capacity in lowland Amazonian and high-elevation Andean tropical moist forests of Peru. <i>New Phytologist</i> , 2017, 214, 1002-1018.	3.5	89

#	ARTICLE	IF	CITATIONS
19	Impacts of Global Change on Mediterranean Forests and Their Services. <i>Forests</i> , 2017, 8, 463.	0.9	98
20	Evapotranspiration and water use efficiency in relation to climate and canopy nitrogen in U.S. forests. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2610-2629.	1.3	43
21	Response of <i>Quercus velutina</i> growth and water use efficiency to climate variability and nitrogen fertilization in a temperate deciduous forest in the northeastern USA. <i>Tree Physiology</i> , 2016, 36, 428-443.	1.4	28
22	Isotopic evidence for the occurrence of biological nitrification and nitrogen deposition processing in forest canopies. <i>Global Change Biology</i> , 2015, 21, 4613-4626.	4.2	63
23	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. <i>New Phytologist</i> , 2015, 206, 614-636.	3.5	350
24	Nutritional regulation in mixotrophic plants: new insights from <i>Limodorum abortivum</i> . <i>Oecologia</i> , 2014, 175, 875-885.	0.9	34
25	Assessing the effects of nitrogen deposition and climate on carbon isotope discrimination and intrinsic water-use efficiency of angiosperm and conifer trees under rising CO_2 conditions. <i>Global Change Biology</i> , 2012, 18, 2925-2944.	4.2	82
26	The legacy of enhanced N and S deposition as revealed by the combined analysis of $\delta^{13}\text{C}$, $\delta^{18}\text{O}$ and $\delta^{15}\text{N}$ in tree rings. <i>Global Change Biology</i> , 2011, 17, 1946-1962.	4.2	66
27	Effectiveness of the photochemical reflectance index to track photosynthetic activity over a range of forest tree species and plant water statuses. <i>Functional Plant Biology</i> , 2011, 38, 177.	1.1	79
28	Anthropogenic NO _x emissions alter the intrinsic water-use efficiency (WUEi) for <i>Quercus cerris</i> stands under Mediterranean climate conditions. <i>Environmental Pollution</i> , 2010, 158, 2841-2847.	3.7	24
29	Impact of different nitrogen emission sources on tree physiology as assessed by a triple stable isotope approach. <i>Atmospheric Environment</i> , 2009, 43, 410-418.	1.9	43
30	Physiological and structural changes in response to altered precipitation regimes in a Mediterranean macchia ecosystem. <i>Trees - Structure and Function</i> , 2009, 23, 823-834.	0.9	37
31	Testing a dual isotope model to track carbon and water gas exchanges in a Mediterranean forest. <i>IForest</i> , 2009, 2, 59-66.	0.5	18
32	Stomatal conductance and leaf water potential responses to hydraulic conductance variation in <i>Pinus pinaster</i> seedlings. <i>Trees - Structure and Function</i> , 2007, 21, 371-378.	0.9	37