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List of Publications by Year
in descending order

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30 papers	1,538 citations	623734 14 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	3402 citing authors

#	Article	IF	Citations
1	Mechanisms of Adaptation of Trees and Shrubs to Dry and Hot Environments. Forests, 2021, 12, 1080.	2.1	0
2	Enhancement of ecosystem carbon uptake in a dry shrubland under moderate warming: The role of nitrogenâ€driven changes in plant morphology. Global Change Biology, 2021, 27, 5629-5642.	9.5	7
3	Genetic Analysis by nuSSR Markers of Silver Birch (Betula pendula Roth) Populations in Their Southern European Distribution Range. Frontiers in Plant Science, 2020, 11, 310.	3.6	13
4	THz Water Transmittance and Leaf Surface Area: An Effective Nondestructive Method for Determining Leaf Water Content. Sensors, 2019, 19, 4838.	3.8	15
5	Effects of rain shortage on carbon allocation, pools and fluxes in a Mediterranean shrub ecosystem â€“ a 13C labelling field study. Science of the Total Environment, 2018, 627, 1242-1252.	8.0	8
6	Isotopic methods for nonâ€destructive assessment of carbon dynamics in shrublands under longâ€term climate change manipulation. Methods in Ecology and Evolution, 2018, 9, 866-880.	5.2	6
7	Linking photosynthetic performances with the changes in cover degree of three Mediterranean shrubs under climate manipulation. Oikos, 2018, 127, 1633-1645.	2.7	5
8	Delineation of seed collection zones based on environmental and genetic characteristics for Quercus suber L. in Sardinia, Italy. IForest, 2018, 11, 651-659.	1.4	9
9	Shrubland primary production and soil respiration diverge along European climate gradient. Scientific Reports, 2017, 7, 43952.	3.3	23
10	Does long-term warming affect C and N allocation in a Mediterranean shrubland ecosystem? Evidence from a 13C and 15N labeling field study. Environmental and Experimental Botany, 2017, 141, 170-180.	4.2	5
11	The Response of Soil CO2 Efflux to Water Limitation Is Not Merely a Climatic Issue: The Role of Substrate Availability. Forests, 2017, 8, 241.	2.1	3
12	Canopy Chamber: a useful tool to monitor the CO2 exchange dynamics of shrubland. IForest, 2017, 10, 597-604.	1.4	10
13	Shifting Impacts of Climate Change. Advances in Ecological Research, 2016, 55, 437-473.	2.7	36
14	Temperature Dependence of Soil Respiration Modulated by Thresholds in Soil Water Availability Across European Shrubland Ecosystems. Ecosystems, 2016, 19, 1460-1477.	3.4	25
15	Temperature response of soil respiration largely unaltered with experimental warming. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13797-13802.	7.1	308
16	Increased sensitivity to climate change in disturbed ecosystems. Nature Communications, 2015, 6, 6682.	12.8	111
17	Can current moisture responses predict soil CO₂ efflux under altered precipitation regimes? A synthesis of manipulation experiments. Biogeosciences, 2014, 11, 2991-3013.	3.3	74
18	Corrigendum to "Can current moisture responses predict soil CO₂ efflux under altered precipitation regimes? A synthesis of manipulation experiments". Biogeosciences, 2014, 11, 3307-3308.	3.3	10

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19	Biodiversity of Italian Tamarix spp. populations: their potential as environmental and productive resources. Rendiconti Lincei, 2014, 25, 439-452.	2.2	8
20	Impact of fresh and saline water flooding on leaf gas exchange in two Italian provenances of Tamarix africana Poiret. Plant Biology, 2013, 15, 109-117.	3.8	15
21	Improving the performance of infrared reflective night curtains for warming field plots. Agricultural and Forest Meteorology, 2013, 173, 53-62.	4.8	8
22	A plant's perspective of extremes: terrestrial plant responses to changing climatic variability. Global Change Biology, 2013, 19, 75-89.	9.5	393
23	Earlier summer drought affects leaf functioning of the Mediterranean species Cistus monspeliensis L.. Environmental and Experimental Botany, 2013, 93, 13-19.	4.2	22
24	Photosynthetic and wood anatomical responses of Tamarixafricana Poiret to water level reduction after shortâ€term freshâ€and salineâ€water flooding. Ecological Research, 2012, 27, 857-866.	1.5	8
25	Impact of drought and increasing temperatures on soil CO2 emissions in a Mediterranean shrubland (gariga). Plant and Soil, 2010, 327, 153-166.	3.7	51
26	Changes in the onset of spring growth in shrubland species in response to experimental warming along a northâ€“south gradient in Europe. Global Ecology and Biogeography, 2009, 18, 473-484.	5.8	52
27	Carbon and nitrogen balances for six shrublands across Europe. Global Biogeochemical Cycles, 2009, 23, .	4.9	57
28	Establishment of a planted field with Mediterranean shrubs in Sardinia and its evaluation for climate mitigation and to combat desertification in semi-arid regions. IForest, 2009, 2, 77-84.	1.4	9
29	Effects of warmer and drier climate conditions on plant composition and biomass production in a Mediterranean shrubland community. IForest, 2008, 1, 39-48.	1.4	36
30	Response of plant species richness and primary productivity in shrublands along a northâ€“south gradient in Europe to seven years of experimental warming and drought: reductions in primary productivity in the heat and drought year of 2003. Global Change Biology, 2007, 13, 2563-2581.	9.5	211