

Katrina Sharps

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8743744/publications.pdf>

Version: 2024-02-01

21
papers

1,591
citations

516215

16
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

2228
citing authors

#	ARTICLE	IF	CITATIONS
1	Empirical validation of the InVEST water yield ecosystem service model at a national scale. <i>Science of the Total Environment</i> , 2016, 569-570, 1418-1426.	3.9	240
2	Tropospheric Ozone Assessment Report: Present-day tropospheric ozone distribution and trends relevant to vegetation. <i>Elementa</i> , 2018, 6, .	1.1	212
3	Tropospheric Ozone Assessment Report: Database and metrics data of global surface ozone observations. <i>Elementa</i> , 2017, 5, .	1.1	172
4	Ozone pollution will compromise efforts to increase global wheat production. <i>Global Change Biology</i> , 2018, 24, 3560-3574.	4.2	163
5	Closing the global ozone yield gap: Quantification and cobenefits for multistress tolerance. <i>Global Change Biology</i> , 2018, 24, 4869-4893.	4.2	163
6	Heavy metal and nitrogen concentrations in mosses are declining across Europe whilst some "hotspots" remain in 2010. <i>Environmental Pollution</i> , 2015, 200, 93-104.	3.7	136
7	Comparing strengths and weaknesses of three ecosystem services modelling tools in a diverse UK river catchment. <i>Science of the Total Environment</i> , 2017, 584-585, 118-130.	3.9	128
8	Current and future ozone risks to global terrestrial biodiversity and ecosystem processes. <i>Ecology and Evolution</i> , 2016, 6, 8785-8799.	0.8	86
9	Ozone impacts on vegetation in a nitrogen enriched and changing climate. <i>Environmental Pollution</i> , 2016, 208, 898-908.	3.7	75
10	Leaf traits and photosynthetic responses of <i>Betula pendula</i> saplings to a range of ground-level ozone concentrations at a range of nitrogen loads. <i>Journal of Plant Physiology</i> , 2017, 211, 42-52.	1.6	36
11	Wheat yield responses to stomatal uptake of ozone: Peak vs rising background ozone conditions. <i>Atmospheric Environment</i> , 2018, 173, 1-5.	1.9	31
12	Tropospheric ozone pollution reduces the yield of African crops. <i>Journal of Agronomy and Crop Science</i> , 2020, 206, 214-228.	1.7	26
13	Home range size and habitat use of European nightjar <i>Caprimulgus europaeus</i> nesting in a complex plantation forest landscape. <i>Ibis</i> , 2015, 157, 260-272.	1.0	25
14	Nitrogen availability does not affect ozone flux-effect relationships for biomass in birch (<i>Betula</i>). <i>Tree Physiology</i> , 2019, 39, 19-22.	3.9	19
15	Can Reduced Irrigation Mitigate Ozone Impacts on an Ozone-Sensitive African Wheat Variety?. <i>Plants</i> , 2019, 8, 220.	1.6	18
16	Ozone-induced effects on leaves in African crop species. <i>Environmental Pollution</i> , 2021, 268, 115789.	3.7	18
17	Evidence of Ozone-Induced Visible Foliar Injury in Hong Kong Using <i>Phaseolus Vulgaris</i> as a Bioindicator. <i>Atmosphere</i> , 2020, 11, 266.	1.0	17
18	Reduced photosynthetic thermal acclimation capacity under elevated ozone in poplar (<i>Populus</i>). <i>Tree Physiology</i> , 2021, 41, 9-12.	4.2	9

#	ARTICLE	IF	CITATIONS
19	Ozone dose-response relationships for tropical crops reveal potential threat to legume and wheat production, but not to millets. <i>Scientific African</i> , 2020, 9, e00482.	0.7	6
20	Quantifying the impact of ozone on crops in Sub-Saharan Africa demonstrates regional and local hotspots of production loss. <i>Environmental Science and Pollution Research</i> , 2021, 28, 62338-62352.	2.7	3
21	Effects of tropospheric ozone and elevated nitrogen input on the temperate grassland forbs <i>Leontodon hispidus</i> and <i>Succisa pratensis</i> . <i>Global Ecology and Conservation</i> , 2020, 24, e01345.	1.0	2