

Titta K Kotilainen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3747138/publications.pdf>

Version: 2024-02-01

16
papers

503
citations

687363

13
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

654
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing leaf senescence: A generalized additive models for location, scale and shape approach. <i>Agricultural and Forest Meteorology</i> , 2022, 315, 108823.	4.8	10
2	The benefits of informed management of sunlight in production greenhouses and polytunnels. <i>Plants People Planet</i> , 2022, 4, 314-325.	3.3	5
3	Practical Activities Promoting Engagement in Forest Ecology Research. <i>Citizen Science: Theory and Practice</i> , 2022, 7, 27.	1.2	0
4	Patterns in the spectral composition of sunlight and biologically meaningful spectral photon ratios as affected by atmospheric factors. <i>Agricultural and Forest Meteorology</i> , 2020, 291, 108041.	4.8	42
5	Solar UV-A radiation and blue light enhance tree leaf litter decomposition in a temperate forest. <i>Oecologia</i> , 2019, 191, 191-203.	2.0	30
6	A perspective on ecologically relevant plant-UV research and its practical application. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 970-988.	2.9	69
7	The influence of spectral composition on spring and autumn phenology in trees. <i>Tree Physiology</i> , 2019, 39, 925-950.	3.1	32
8	Do UV-A radiation and blue light during growth prime leaves to cope with acute high light in photoreceptor mutants of <i>Arabidopsis thaliana</i> ? <i>Physiologia Plantarum</i> , 2019, 165, 537-554.	5.2	34
9	Light quality characterization under climate screens and shade nets for controlled-environment agriculture. <i>PLoS ONE</i> , 2018, 13, e0199628.	2.5	28
10	Epidermal UV-A absorbance and whole-leaf flavonoid composition in pea respond more to solar blue light than to solar UV radiation. <i>Plant, Cell and Environment</i> , 2015, 38, 941-952.	5.7	79
11	How Realistically Does Outdoor UV-B Supplementation with Lamps Reflect Ozone Depletion: An Assessment of Enhancement Errors. <i>Photochemistry and Photobiology</i> , 2011, 87, 174-183.	2.5	15
12	Seasonal fluctuations in leaf phenolic composition under UV manipulations reflect contrasting strategies of alder and birch trees. <i>Physiologia Plantarum</i> , 2010, 140, no-no.	5.2	16
13	Solar ultraviolet radiation alters alder and birch litter chemistry that in turn affects decomposers and soil respiration. <i>Oecologia</i> , 2009, 161, 719-728.	2.0	17
14	Assessment of UV Biological Spectral Weighting Functions for Phenolic Metabolites and Growth Responses in Silver Birch Seedlings. <i>Photochemistry and Photobiology</i> , 2009, 85, 1346-1355.	2.5	39
15	Metabolite specific effects of solar UV-A and UV-B on alder and birch leaf phenolics. <i>Global Change Biology</i> , 2008, 14, 1294-1304.	9.5	73
16	Impacts of chitinase-transformed silver birch on leaf decomposition and soil organisms. <i>European Journal of Soil Biology</i> , 2004, 40, 155-161.	3.2	13