Titta K Kotilainen

List of Publications by Year
in descending order

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

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16	503	687363 13	996975 15
papers	citations	h-index	g-index

17	17	17	654
all docs	docs citations	times ranked	citing authors

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