Juergen Burkhardt

List of Publications by Year
in descending order

14	796	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Water activity in Venusâ€™s uninhabitable clouds and other planetary atmospheres. Nature Astronomy, 2021, 5, 665-675.	10.1	45
2	Heterogeneity of Stomatal Pore Area Is Suppressed by Ambient Aerosol in the Homobaric Species, Vicia faba. Frontiers in Plant Science, 2020, 11, 897.	3.6	9
3	Ambient aerosol increases minimum leaf conductance and alters the apertureâ€“flux relationship as stomata respond to vapor pressure deficit (<scp>VPD</scp>). New Phytologist, 2018, 219, 275-286.	7.3	26
4	Tank-mix of chlorantraniliprole and manganese foliar fertilizers: Impact on rheological characteristics, deposit properties and cuticular penetration. Crop Protection, 2018, 106, 50-57.	2.1	6
5	Camouflaged as degraded wax: hygroscopic aerosols contribute to leaf desiccation, tree mortality, and forest decline. Environmental Research Letters, 2018, 13, 085001.	5.2	22
6	Xeromorphic traits help to maintain photosynthesis in the perhumid climate of a Taiwanese cloud forest. Oecologia, 2017, 184, 609-621.	2.0	14
7	How does the <scp>VPD</scp> response of isohydric and anisohydric plants depend on leaf surface particles?. Plant Biology, 2016, 18, 91-100.	3.8	25
8	Hygroscopic salts support the stomatal penetration of glyphosate and influence its biological efficacy. Weed Biology and Management, 2014, 14, 186-197.	1.4	12
9	Particulate pollutants are capable to â€˜degradeâ€™ epicuticular waxes and to decrease the drought tolerance of Scots pine (Pinus sylvestris L.). Environmental Pollution, 2014, 184, 659-667.	7.5	77
10	The exclusion of ambient aerosols changes the water relations of sunflower (Helianthus annuus) and bean (Vicia faba) plants. Environmental and Experimental Botany, 2013, 88, 43-52.	4.2	28
11	â€œBreath figuresâ€•on leaf surfacesâ€”formation and effects of microscopic leaf wetness. Frontiers in Plant Science, 2013, 4, 422.	3.6	77
12	Stomatal penetration by aqueous solutions â€“ an update involving leaf surface particles. New Phytologist, 2012, 196, 774-787.	7.3	197
13	Hygroscopic particles on leaves: nutrients or desiccants?. Ecological Monographs, 2010, 80, 369-399.	5.4	181
14	Evidence for the Uptake of Large Anions through Stomatal Pores. Botanica Acta, 1998, 111, 461-466.	1.6	77