

# Henrik B Topbjerg

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

228  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of starch-binding factor CBM20 in barley plastids controls the number of starch granules and the level of CO <sub>2</sub> fixation. <i>Journal of Experimental Botany</i> , 2020, 71, 234-246.	4.8	3
2	Arbuscular mycorrhiza influences carbon use efficiency and grain yield of wheat grown under pre- and post-anthesis salinity stress. <i>Plant Biology</i> , 2020, 22, 863-871.	3.8	26
3	Detection of live larvae in cocoons of <i>Bathyplectes curculionis</i> (Hymenoptera: Ichneumonidae) using visible/near-infrared multispectral imaging. <i>Pest Management Science</i> , 2018, 74, 2168-2175.	3.4	6
4	DNA barcoding and isolation of vertically transmitted ascomycetes in sorghum from Burkina Faso: <i>Epicoccum sorghinum</i> is dominant in seedlings and appears as a common root pathogen. <i>Microbiological Research</i> , 2016, 191, 38-50.	5.3	32
5	Screening for intrinsic water use efficiency in a potato dihaploid mapping population under progressive drought conditions. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 400-411.	0.6	5
6	Drought priming at vegetative stage improves the antioxidant capacity and photosynthesis performance of wheat exposed to a short-term low temperature stress at jointing stage. <i>Plant and Soil</i> , 2015, 393, 307-318.	3.7	67
7	Contrasting Water Use Efficiency ( $WUE$ ) Responses of a Potato Mapping Population and Capability of Modified Ball-Berry Model to Predict Stomatal Conductance and $WUE$ Measured at Different Environmental Conditions. <i>Journal of Agronomy and Crop Science</i> , 2015, 201, 81-94.	3.5	10
8	Gas-exchange, water use efficiency and yield responses of elite potato ( <i>Solanum tuberosum</i> L.) cultivars to changes in atmospheric carbon dioxide concentration, temperature and relative humidity. <i>Agricultural and Forest Meteorology</i> , 2014, 187, 36-45.	4.8	47
9	Physiological factors affecting intrinsic water use efficiency of potato clones within a dihaploid mapping population under well-watered and drought-stressed conditions. <i>Scientia Horticulturae</i> , 2014, 178, 61-69.	3.6	8
10	Host plant-dependent metabolism of 4-hydroxybenzylglucosinolate in <i>Pieris rapae</i> : Substrate specificity and effects of genetic modification and plant nitrile hydratase. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1119-1130.	2.7	24