Matheus Thomas Kuska

List of Publications by Year
in descending order

12	638	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digital plant pathology: a foundation and guide to modern agriculture. Journal of Plant Diseases and Protection, 2022, 129, 457-468.	2.9	8
2	Quantitative and qualitative phenotyping of disease resistance of crops by hyperspectral sensors: seamless interlocking of phytopathology, sensors, and machine learning is needed!. Current Opinion in Plant Biology, 2019, 50, 156-162.	7.1	66
3	Extending Hyperspectral Imaging for Plant Phenotyping to the UV-Range. Remote Sensing, 2019, 11, 1401.	4.0	33
4	Discovering coherency of specific gene expression and optical reflectance properties of barley genotypes differing for resistance reactions against powdery mildew. PLoS ONE, 2019, 14, e0213291.	2.5	11
5	Impact of compatible and incompatible barleyâ€"Blumeria graminis f.sp. hordei interactions on chlorophyll fluorescence parameters. Journal of Plant Diseases and Protection, 2018, 125, 177.	2.9	13
6	Benefits of hyperspectral imaging for plant disease detection and plant protection: a technical perspective. Journal of Plant Diseases and Protection, 2018, 125, 5-20.	2.9	190
7	Potential of hyperspectral imaging to detect and identify the impact of chemical warfare compounds on plant tissue. Pure and Applied Chemistry, 2018, 90, 1615-1624.	1.9	21
8	Specim IQ: Evaluation of a New, Miniaturized Handheld Hyperspectral Camera and Its Application for Plant Phenotyping and Disease Detection. Sensors, 2018, 18, 441.	3.8	138
9	Screening of Barley Resistance Against Powdery Mildew by Simultaneous High-Throughput Enzyme Activity Signature Profiling and Multispectral Imaging. Frontiers in Plant Science, 2018, 9, 1074.	3.6	27
10	Observation of plantâ€"pathogen interaction by simultaneous hyperspectral imaging reflection and transmission measurements. Functional Plant Biology, 2017, 44, 23.	2.1	74
11	Spectral Patterns Reveal Early Resistance Reactions of Barley AgainstBlumeria graminisf. sp.hordei. Phytopathology, 2017, 107, 1388-1398.	2.2	30
12	Monitoring wound healing in a 3D wound model by hyperspectral imaging and efficient clustering. PLoS ONE, 2017, 12, e0186425.	2.5	27