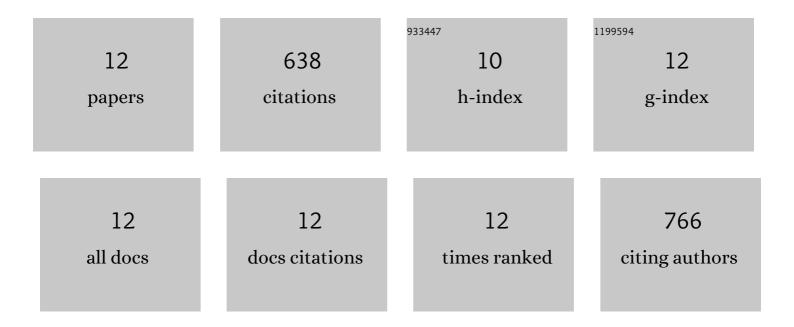
## Matheus Thomas Kuska

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4039396/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	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
3	Observation of plant–pathogen interaction by simultaneous hyperspectral imaging reflection and transmission measurements. Functional Plant Biology, 2017, 44, 23.	2.1	74
4	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
5	Extending Hyperspectral Imaging for Plant Phenotyping to the UV-Range. Remote Sensing, 2019, 11, 1401.	4.0	33
6	Spectral Patterns Reveal Early Resistance Reactions of Barley Against <i>Blumeria graminis</i> f. sp. <i>hordei</i> . Phytopathology, 2017, 107, 1388-1398.	2.2	30
7	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
8	Monitoring wound healing in a 3D wound model by hyperspectral imaging and efficient clustering. PLoS ONE, 2017, 12, e0186425.	2.5	27
9	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
10	Impact of compatible and incompatible barley—Blumeria graminis f.sp. hordei interactions on chlorophyll fluorescence parameters. Journal of Plant Diseases and Protection, 2018, 125, 177.	2.9	13
11	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
12	Digital plant pathology: a foundation and guide to modern agriculture. Journal of Plant Diseases and Protection, 2022, 129, 457-468.	2.9	8