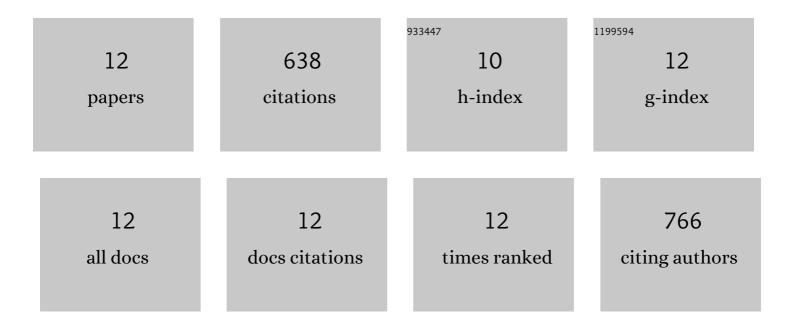
## Matheus Thomas Kuska

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  | Digital plant pathology: a foundation and guide to modern agriculture. Journal of Plant Diseases and<br>Protection, 2022, 129, 457-468.   | 2.9 | 8         |
| 2  | Quantitative and qualitative phenotyping of disease resistance of crops by hyperspectral sensors:<br>seamless interlocking of phytopathology, sensors, and machine learning is needed!. Current Opinion<br>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 barley—Blumeria graminis f.sp. hordei interactions on<br>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<br>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<br>Activity Signature Profiling and Multispectral Imaging. Frontiers in Plant Science, 2018, 9, 1074.  | 3.6 | 27        |
| 10 | Observation of plant–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 Against <i>Blumeria graminis</i> f.<br>sp. <i>hordei</i> . Phytopathology, 2017, 107, 1388-1398.  | 2.2 | 30        |
| 12 | Monitoring wound healing in a 3D wound model by hyperspectral imaging and efficient clustering.<br>PLoS ONE, 2017, 12, e0186425.  | 2.5 | 27        |