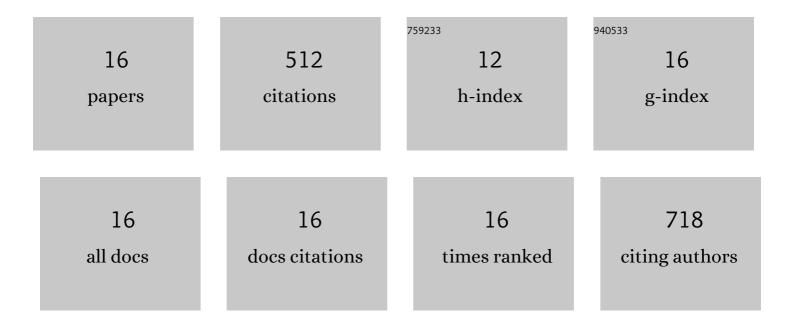
Adrian Schwarzenberg

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Silicon Promotes Growth of Brassica napus L. and Delays Leaf Senescence Induced by Nitrogen Starvation. Frontiers in Plant Science, 2018, 9, 516.	3.6	80
2	Induction of Barley Silicon Transporter HvLsi1 and HvLsi2, increased silicon concentration in the shoot and regulated Starch and ABA Homeostasis under Osmotic stress and Concomitant Potassium Deficiency. Frontiers in Plant Science, 2017, 8, 1359.	3.6	78
3	Silicon transcriptionally regulates sulfur and ABA metabolism and delays leaf senescence in barley under combined sulfur deficiency and osmotic stress. Environmental and Experimental Botany, 2018, 155, 394-410.	4.2	49
4	Regulatory Role of Silicon in Mediating Differential Stress Tolerance Responses in Two Contrasting Tomato Genotypes Under Osmotic Stress. Frontiers in Plant Science, 2018, 9, 1475.	3.6	47
5	Simultaneous untargeted and targeted metabolomics profiling of underivatized primary metabolites in sulfur-deficient barley by ultra-high performance liquid chromatography-quadrupole/time-of-flight mass spectrometry. Plant Methods, 2018, 14, 62.	4.3	45
6	Strengthening Grapevine Resistance by Pseudomonas fluorescens PTA-CT2 Relies on Distinct Defense Pathways in Susceptible and Partially Resistant Genotypes to Downy Mildew and Gray Mold Diseases. Frontiers in Plant Science, 2019, 10, 1112.	3.6	43
7	Comparison of the activation time effects and the internal energy distributions for the CID, PQD and HCD excitation modes. Journal of Mass Spectrometry, 2014, 49, 498-508.	1.6	38
8	Combined use of direct analysis in real-time/Orbitrap mass spectrometry and micro-Raman spectroscopy for the comprehensive characterization of real explosive samples. Analytical and Bioanalytical Chemistry, 2016, 408, 5677-5687.	3.7	28
9	Bacillus subtilis and Pseudomonas fluorescens Trigger Common and Distinct Systemic Immune Responses in Arabidopsis thaliana Depending on the Pathogen Lifestyle. Vaccines, 2020, 8, 503.	4.4	21
10	Fine tuning of hormonal signaling is linked to dormancy status in sweet cherry flower buds. Tree Physiology, 2021, 41, 544-561.	3.1	20
11	Identification tree based on fragmentation rules for structure elucidation of organophosphorus esters by electrospray mass spectrometry. Journal of Mass Spectrometry, 2013, 48, 576-586.	1.6	18
12	Differentiation of isomeric dinitrotoluenes and aminodinitrotoluenes using electrospray high resolution mass spectrometry. Journal of Mass Spectrometry, 2014, 49, 1330-1337.	1.6	13
13	Clarification of the 30 Da releases from the [M-H]â^'and Mâ^'•ions of trinitrotoluene by electrospray high resolution mass spectrometry. Journal of Mass Spectrometry, 2014, 49, 327-330.	1.6	12
14	Vacuum Ultraviolet Photoionization Study of Gas Phase Vitamins A and B1 Using Aerosol Thermodesorption and Synchrotron Radiation. Journal of Physical Chemistry A, 2014, 118, 11185-11192.	2.5	10
15	A comparison of PTI defense profiles induced in Solanum tuberosum by PAMP and non-PAMP elicitors shows distinct, elicitor-specific responses. PLoS ONE, 2020, 15, e0236633.	2.5	8
16	New insights into dissociation of deprotonated 2,4â€dinitrotoluene by combined highâ€resolution mass spectrometry and density functional theory calculations. Rapid Communications in Mass Spectrometry, 2015, 29, 29-34.	1.5	2