

# Adrian Schwarzenberg

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

512  
citations

759233

12  
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940533

16  
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16  
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16  
docs citations

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times ranked

718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon Promotes Growth of Brassica napus L. and Delays Leaf Senescence Induced by Nitrogen Starvation. <i>Frontiers in Plant Science</i> , 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. <i>Frontiers in Plant Science</i> , 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. <i>Environmental and Experimental Botany</i> , 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. <i>Frontiers in Plant Science</i> , 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. <i>Plant Methods</i> , 2018, 14, 62.	4.3	45
6	Strengthening Grapevine Resistance by <i>Pseudomonas fluorescens</i> PTA-CT2 Relies on Distinct Defense Pathways in Susceptible and Partially Resistant Genotypes to Downy Mildew and Gray Mold Diseases. <i>Frontiers in Plant Science</i> , 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. <i>Journal of Mass Spectrometry</i> , 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. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5677-5687.	3.7	28
9	<i>Bacillus subtilis</i> and <i>Pseudomonas fluorescens</i> Trigger Common and Distinct Systemic Immune Responses in <i>Arabidopsis thaliana</i> Depending on the Pathogen Lifestyle. <i>Vaccines</i> , 2020, 8, 503.	4.4	21
10	Fine tuning of hormonal signaling is linked to dormancy status in sweet cherry flower buds. <i>Tree Physiology</i> , 2021, 41, 544-561.	3.1	20
11	Identification tree based on fragmentation rules for structure elucidation of organophosphorus esters by electrospray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 576-586.	1.6	18
12	Differentiation of isomeric dinitrotoluenes and aminodinitrotoluenes using electrospray high resolution mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1330-1337.	1.6	13
13	Clarification of the 30 Da releases from the $[M-H]^{-}$ and $M^{+}$ ions of trinitrotoluene by electrospray high resolution mass spectrometry. <i>Journal of Mass Spectrometry</i> , 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. <i>Journal of Physical Chemistry A</i> , 2014, 118, 11185-11192.	2.5	10
15	A comparison of PTI defense profiles induced in <i>Solanum tuberosum</i> by PAMP and non-PAMP elicitors shows distinct, elicitor-specific responses. <i>PLoS ONE</i> , 2020, 15, e0236633.	2.5	8
16	New insights into dissociation of deprotonated 2,4-dinitrotoluene by combined high-resolution mass spectrometry and density functional theory calculations. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 29-34.	1.5	2