

# Olaf Czarnecki

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,157  
citations

471509

17  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-omics data integration reveals link between epigenetic modifications and gene expression in sugar beet ( <i>Beta vulgaris</i> subsp. <i>vulgaris</i> ) in response to cold. <i>BMC Genomics</i> , 2022, 23, 144.	2.8	8
2	Cold-Triggered Induction of ROS- and Raffinose Metabolism in Freezing-Sensitive Taproot Tissue of Sugar Beet. <i>Frontiers in Plant Science</i> , 2021, 12, 715767.	3.6	17
3	Vernalization Alters Sink and Source Identities and Reverses Phloem Translocation from Taproots to Shoots in Sugar Beet. <i>Plant Cell</i> , 2020, 32, 3206-3223.	6.6	30
4	Mediation of plant-mycorrhizal interaction by a lectin receptor-like kinase. <i>Nature Plants</i> , 2019, 5, 676-680.	9.3	42
5	Simultaneous knockdown of six non-family genes using a single synthetic RNAi fragment in <i>Arabidopsis thaliana</i> . <i>Plant Methods</i> , 2016, 12, 16.	4.3	12
6	Arabidopsis Receptor of Activated C Kinase1 Phosphorylation by WITH NO LYSINE8 KINASE. <i>Plant Physiology</i> , 2015, 167, 507-516.	4.8	38
7	High-resolution genetic mapping of allelic variants associated with cell wall chemistry in <i>Populus</i> . <i>BMC Genomics</i> , 2015, 16, 24.	2.8	106
8	Identification of Early Nuclear Target Genes of Plastidial Redox Signals that Trigger the Long-Term Response of <i>Arabidopsis</i> to Light Quality Shifts. <i>Molecular Plant</i> , 2015, 8, 1237-1252.	8.3	38
9	Strigolactone-Regulated Proteins Revealed by iTRAQ-Based Quantitative Proteomics in <i>Arabidopsis</i> . <i>Journal of Proteome Research</i> , 2014, 13, 1359-1372.	3.7	24
10	Characterization of MORE AXILLARY GROWTH Genes in <i>Populus</i> . <i>PLoS ONE</i> , 2014, 9, e102757.	2.5	23
11	A Dual Role of Strigolactones in Phosphate Acquisition and Utilization in Plants. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7681-7701.	4.1	117
12	New insights in the topology of the biosynthesis of 5-aminolevulinic acid. <i>Plant Signaling and Behavior</i> , 2013, 8, e23124.	2.4	11
13	Evidence for a Contribution of ALA Synthesis to Plastid-To-Nucleus Signaling. <i>Frontiers in Plant Science</i> , 2012, 3, 236.	3.6	41
14	LCAA, a Novel Factor Required for Magnesium Protoporphyrin Monomethylester Cyclase Accumulation and Feedback Control of Aminolevulinic Acid Biosynthesis in Tobacco. <i>Plant Physiology</i> , 2012, 160, 1923-1939.	4.8	50
15	Post-translational control of tetrapyrrole biosynthesis in plants, algae, and cyanobacteria. <i>Journal of Experimental Botany</i> , 2012, 63, 1675-1687.	4.8	116
16	An <i>Arabidopsis</i> GluTR Binding Protein Mediates Spatial Separation of 5-Aminolevulinic Acid Synthesis in Chloroplasts. <i>Plant Cell</i> , 2011, 23, 4476-4491.	6.6	96
17	Methods for Analysis of Photosynthetic Pigments and Steady-State Levels of Intermediates of Tetrapyrrole Biosynthesis. <i>Methods in Molecular Biology</i> , 2011, 775, 357-385.	0.9	32
18	Rapid Dark Repression of 5-Aminolevulinic Acid Synthesis in Green Barley Leaves. <i>Plant and Cell Physiology</i> , 2010, 51, 670-681.	3.1	68

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19	Expression of chlorophyll synthase is also involved in feedback-control of chlorophyll biosynthesis. <i>Plant Molecular Biology</i> , 2009, 71, 425-436.	3.9	78
20	Identification of peptide metabolites of <i>Microcystis</i> (Cyanobacteria) that inhibit trypsin-like activity in planktonic herbivorous <i>Daphnia</i> (Cladocera). <i>Environmental Microbiology</i> , 2006, 8, 77-87.	3.8	89
21	Isolation, characterization, and quantitative analysis of Microviridin J, a new <i>Microcystis</i> metabolite toxic to <i>Daphnia</i> . <i>Journal of Chemical Ecology</i> , 2003, 29, 1757-1770.	1.8	119