

# Radosław Mazur

## List of Publications by Year in descending order

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28  
papers

684  
citations

687335

13  
h-index

580810

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Visualization of the Tubular-Lamellar Transformation of the Internal Plastid Membrane Network during Runner Bean Chloroplast Biogenesis. <i>Plant Cell</i> , 2016, 28, 875-891.	6.6	96
2	Molecular Architecture of Plant Thylakoids under Physiological and Light Stress Conditions: A Study of Lipid-Light-Harvesting Complex II Model Membranes. <i>Plant Cell</i> , 2013, 25, 2155-2170.	6.6	80
3	A Reaction Center-dependent Photoprotection Mechanism in a Highly Robust Photosystem II from an Extremophilic Red Alga, <i>Cyanidioschyzon merolae</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 23529-23542.	3.4	56
4	Structural and Functional Modifications of the Major Light-Harvesting Complex II in Cadmium- or Copper-Treated <i>Secale cereale</i> . <i>Plant and Cell Physiology</i> , 2010, 51, 1330-1340.	3.1	50
5	Light-induced Change of Configuration of the LHCII-Bound Xanthophyll (Tentatively Assigned to) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.6	47
6	Chloroplast biogenesis " Correlation between structure and function. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1380-1387.	1.0	44
7	3-D modelling of chloroplast structure under (Mg <sup>2+</sup> ) magnesium ion treatment. Relationship between thylakoid membrane arrangement and stacking. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1736-1748.	1.0	39
8	Dark-chilling induces substantial structural changes and modifies galactolipid and carotenoid composition during chloroplast biogenesis in cucumber ( <i>Cucumis sativus</i> L.) cotyledons. <i>Plant Physiology and Biochemistry</i> , 2017, 111, 107-118.	5.8	37
9	Overlapping toxic effect of long term thallium exposure on white mustard ( <i>Sinapis alba</i> L.) photosynthetic activity. <i>BMC Plant Biology</i> , 2016, 16, 191.	3.6	30
10	Correlation between spatial (3D) structure of pea and bean thylakoid membranes and arrangement of chlorophyll-protein complexes. <i>BMC Plant Biology</i> , 2012, 12, 72.	3.6	26
11	Can just one-second measurement of chlorophyll a fluorescence be used to predict sulphur deficiency in radish ( <i>Raphanus sativus</i> L. <i>sativus</i> ) plants?. <i>Current Plant Biology</i> , 2019, 19, 100096.	4.7	25
12	Galactolipid deficiency disturbs spatial arrangement of the thylakoid network in <i>Arabidopsis thaliana</i> plants. <i>Journal of Experimental Botany</i> , 2019, 70, 4689-4704.	4.8	22
13	Spatial Nano-Morphology of the Prolamellar Body in Etiolated <i>Arabidopsis thaliana</i> Plants With Disturbed Pigment and Polyprenol Composition. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 586628.	3.7	19
14	Mechanisms shaping the synergism of zeaxanthin and PsbS in photoprotective energy dissipation in the photosynthetic apparatus of plants. <i>Plant Journal</i> , 2021, 107, 418-433.	5.7	17
15	Specific Composition of Lipid Phases Allows Retaining an Optimal Thylakoid Membrane Fluidity in Plant Response to Low-Temperature Treatment. <i>Frontiers in Plant Science</i> , 2020, 11, 723.	3.6	15
16	How to Measure Grana " Ultrastructural Features of Thylakoid Membranes of Plant Chloroplasts. <i>Frontiers in Plant Science</i> , 2021, 12, 756009.	3.6	13
17	A chloroplast "wake up" mechanism: Illumination with weak light activates the photosynthetic antenna function in dark-adapted plants. <i>Journal of Plant Physiology</i> , 2017, 210, 1-8.	3.5	12
18	Efficient Photosynthetic Functioning of <i>Arabidopsis thaliana</i> Through Electron Dissipation in Chloroplasts and Electron Export to Mitochondria Under Ammonium Nutrition. <i>Frontiers in Plant Science</i> , 2020, 11, 103.	3.6	11

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19	Too rigid to fold: Carotenoid-dependent decrease in thylakoid fluidity hampers the formation of chloroplast grana. <i>Plant Physiology</i> , 2021, 185, 210-227.	4.8	10
20	The SnRK2.10 kinase mitigates the adverse effects of salinity by protecting photosynthetic machinery. <i>Plant Physiology</i> , 2021, 187, 2785-2802.	4.8	9
21	Dark-chilling and subsequent photo-activation modulate expression and induce reversible association of chloroplast lipoxygenase with thylakoid membrane in runner bean ( <i>Phaseolus coccineus</i> L.). <i>Plant Physiology and Biochemistry</i> , 2018, 122, 102-112.	5.8	9
22	Development of a Novel Nanoarchitecture of the Robust Photosystem I from a Volcanic Microalga <i>Cyanidioschyzon merolae</i> on Single Layer Graphene for Improved Photocurrent Generation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8396.	4.1	7
23	Tetraphenylporphyrin as a protein label for triple detection analytical systems. <i>Heliyon</i> , 2015, 1, e00053.	3.2	3
24	Bean and Pea Plastoglobules Change in Response to Chilling Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11895.	4.1	2
25	<i>Sinapis alba</i> as a useful plant in bioremediation – studies of defense mechanisms and accumulation of As, Tl and PGEs. <i>International Journal of Phytoremediation</i> , 2022, 24, 1475-1490.	3.1	2
26	STN7 Kinase Is Essential for <i>Arabidopsis thaliana</i> Fitness under Prolonged Darkness but Not under Dark-Chilling Conditions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4531.	4.1	1
27	Analytical characterization of IgG-TPP and IgG-Mn-TPP conjugates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 1177-1184.	0.8	0
28	Chloroplast Structure under High Light Conditions. <i>Advanced Topics in Science and Technology in China</i> , 2013, , 544-547.	0.1	0