Katarzyna B Gieczewska

List of Publications by Year
in descending order

22 papers	550 citations	759190 12 h-index	642715 23 g-index
23 all docs	23 docs citations	23 times ranked	762 citing authors

#	Article	IF	Citations
1	Potato Annexin STANN1 Promotes Drought Tolerance and Mitigates Light Stress in Transgenic Solanum tuberosum L. Plants. PLoS ONE, 2015, 10, e0132683.	2.5	72
2	Longâ€term ammonium nutrition of <scp>A</scp>rabidopsis increases the extrachloroplastic <scp>NAD</scp>(<scp>P</scp>)<scp>H</scp>/<scp>NAD</scp>(<scp>P</scp>)⁺ ratio and mitochondrial reactive oxygen species level in leaves but does not impair photosynthetic capacity. Plant, Cell and Environment, 2013, 36, 2034-2045.	5.7	68
3	Contrasting effect of dark-chilling on chloroplast structure and arrangement of chlorophyllâ€“protein complexes in pea and tomato: plants with a different susceptibility to non-freezing temperature. Planta, 2007, 226, 1165-1181.	3.2	56
4	Light-induced Change of Configuration of the LHCII-Bound Xanthophyll (Tentatively Assigned to) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.6	47
5	Chloroplast biogenesis â€” Correlation between structure and function. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1380-1387.	1.0	44
6	Altered Cell Wall Plasticity Can Restrict Plant Growth under Ammonium Nutrition. Frontiers in Plant Science, 2017, 8, 1344.	3.6	41
7	3-D modelling of chloroplast structure under (Mg2+) magnesium ion treatment. Relationship between thylakoid membrane arrangement and stacking. Biochimica Et Biophysica Acta - Bioenergetics, 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 (Cucumis sativus L.) cotyledons. Plant Physiology and Biochemistry, 2017, 111, 107-118.	5.8	37
9	Correlation between spatial (3D) structure of pea and bean thylakoid membranes and arrangement of chlorophyll-protein complexes. BMC Plant Biology, 2012, 12, 72.	3.6	26
10	Galactolipid deficiency disturbs spatial arrangement of the thylakoid network in Arabidopsis thaliana plants. Journal of Experimental Botany, 2019, 70, 4689-4704.	4.8	22
11	Hypoxia increases the rate of renal gluconeogenesis via hypoxia-inducible factor-1-dependent activation of phosphoenolpyruvate carboxykinase expression. Biochimie, 2020, 171-172, 31-37.	2.6	18
12	Specific Composition of Lipid Phases Allows Retaining an Optimal Thylakoid Membrane Fluidity in Plant Response to Low-Temperature Treatment. Frontiers in Plant Science, 2020, 11, 723.	3.6	15
13	Genome-Based Insights into the Production of Carotenoids by Antarctic Bacteria, Planococcus sp. ANT_H30 and Rhodococcus sp. ANT_H53B. Molecules, 2020, 25, 4357.	3.8	13
14	Melatonin Lowers HIF-1Î± Content in Human Proximal Tubular Cells (HK-2) Due to Preventing Its Deacetylation by Sirtuin 1. Frontiers in Physiology, 2020, 11, 572911.	2.8	9
15	In vivo creation of plasmid pCRT01 and its use for the construction of carotenoid-producing Paracoccus spp. strains that grow efficiently on industrial wastes. Microbial Cell Factories, 2020, 19, 141.	4.0	8
16	Compensation Mechanism of the Photosynthetic Apparatus in Arabidopsis thaliana ch1 Mutants. International Journal of Molecular Sciences, 2021, 22, 221.	4.1	7
17	Transcription Factor ChREBP Mediates High Glucose-Evoked Increase in HIF-1Î± Content in Epithelial Cells of Renal Proximal Tubules. International Journal of Molecular Sciences, 2021, 22, 13299.	4.1	6
18	Dexamethasone-FITC staining application for measurement of circadian rhythmicity of glucocorticoid receptor expression in mouse living thymocyte subsets. Journal of Neuroimmunology, 2013, 261, 44-52.	2.3	5

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19	Detailed characterization of Synechocystis PCC 6803 ferredoxin:NADP+ oxidoreductase interaction with model membranes. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 281-291.	2.6	5
20	The Arabidopsis Accessions Selection Is Crucial: Insight from Photosynthetic Studies. International Journal of Molecular Sciences, 2021, 22, 9866.	4.1	5
21	Bean and Pea Plastoglobules Change in Response to Chilling Stress. International Journal of Molecular Sciences, 2021, 22, 11895.	4.1	2
22	STN7 Kinase Is Essential for Arabidopsis thaliana Fitness under Prolonged Darkness but Not under Dark-Chilling Conditions. International Journal of Molecular Sciences, 2022, 23, 4531.	4.1	1