Agata Daszkowska-Golec

List of Publications by Year
in descending order

28 papers	1,818 citations	516710 16 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	2719 citing authors

#	Article	IF	Citations
1	High-throughput sequencing data revealed genotype-specific changes evoked by heat stress in crown tissue of barley sdw1 near-isogenic lines. BMC Genomics, 2022, 23, 177.	2.8	9
2	ABA is important not only under stress â€“ revealed by the discovery of new ABA transporters. Trends in Plant Science, 2022, 27, 423-425.	8.8	15
3	The landscape of plant genomics after 20 years. Trends in Genetics, 2022, 38, 310-311.	6.7	2
4	Updates on the Role of ABSCISIC ACID INSENSITIVE 5 (ABI5) and ABSCISIC ACID-RESPONSIVE ELEMENT BINDING FACTORs (ABFs) in ABA Signaling in Different Developmental Stages in Plants. Cells, 2021, 10, 1996.	4.1	49
5	Identification of the Genetic Basis of Response to de-Acclimation in Winter Barley. International Journal of Molecular Sciences, 2021, 22, 1057.	4.1	6
6	Barley ABI5 (Abscisic Acid INSENSITIVE 5) Is Involved in Abscisic Acid-Dependent Drought Response. Frontiers in Plant Science, 2020, 11, 1138.	3.6	51
7	Cuticular waxesâ€”A shield of barley mutant in CBP20 (Cap-Binding Protein 20) gene when struggling with drought stress. Plant Science, 2020, 300, 110593.	3.6	7
8	Barley strigolactone signalling mutant hvd14.d reveals the role of strigolactones in abscisic acidâ€dependent response to drought. Plant, Cell and Environment, 2020, 43, 2239-2253.	5.7	25
9	Degrade or Silence? â€“ RNA Turnover Takes Control of Epicuticular Wax Synthesis. Trends in Plant Science, 2020, 25, 950-952.	8.8	7
10	Methyl Jasmonate Affects Photosynthesis Efficiency, Expression of HvTIP Genes and Nitrogen Homeostasis in Barley. International Journal of Molecular Sciences, 2020, 21, 4335.	4.1	20
11	Special issue in honour of Prof. Reto J. Strasser -ÂDevelopment and aging of photosynthetic apparatus of Vitis vinifera L. during growing season. Photosynthetica, 2020, 58, 186-193.	1.7	14
12	Influence of short-term macronutrient deprivation in maize on photosynthetic characteristics, transpiration and pigment content. Scientific Reports, 2019, 9, 14181.	3.3	27
13	Genetic and Physiological Dissection of Photosynthesis in Barley Exposed to Drought Stress. International Journal of Molecular Sciences, 2019, 20, 6341.	4.1	30
14	Methods for the Simple and Reliable Assessment of Barley Sensitivity to Abiotic Stresses During Early Development. Methods in Molecular Biology, 2019, 1900, 127-151.	0.9	3
15	Mutation in barley ERA1 (Enhanced Response to ABA1) gene confers better photosynthesis efficiency in response to drought as revealed by transcriptomic and physiological analysis. Environmental and Experimental Botany, 2018, 148, 12-26.	4.2	17
16	Prompt chlorophyll fluorescence as a tool for crop phenotyping: an example of barley landraces exposed to various abiotic stress factors. Photosynthetica, 2018, 56, 953-961.	1.7	181
17	Emerging Roles of the Nuclear Cap-Binding Complex in Abiotic Stress Responses. Plant Physiology, 2018, 176, 242-253.	4.8	20
18	HorTILLUSâ€”A Rich and Renewable Source of Induced Mutations for Forward/Reverse Genetics and Pre-breeding Programs in Barley (Hordeum vulgare L.). Frontiers in Plant Science, 2018, 9, 216.	3.6	71

#	Article	IF	Citations
19	Mutation in HvCBP20 (Cap Binding Protein 20) Adapts Barley to Drought Stress at Phenotypic and Transcriptomic Levels. Frontiers in Plant Science, 2017, 8, 942.	3.6	48
20	The Role and Regulation of ABI5 (ABA-Insensitive 5) in Plant Development, Abiotic Stress Responses and Phytohormone Crosstalk. Frontiers in Plant Science, 2016, 7, 1884.	3.6	362
21	The Role of Abscisic Acid in Drought Stress: How ABA Helps Plants to Cope with Drought Stress. , 2016, , 123-151.		46
22	Transcriptome analysis reveals the role of the root hairs as environmental sensors to maintain plant functions under water-deficiency conditions. Journal of Experimental Botany, 2016, 67, 1079-1094.	4.8	80
23	Arabidopsis suppressor mutant of abh1 shows a new face of the already known players: ABH1 (CBP80) and ABI4â€"in response to ABA and abiotic stresses during seed germination. Plant Molecular Biology, 2013, 81, 189-209.	3.9	32
24	Open or Close the Gate â€“ Stomata Action Under the Control of Phytohormones in Drought Stress Conditions. Frontiers in Plant Science, 2013, 4, 138.	3.6	417
25	Towards the Identification of New Genes Involved in ABA-Dependent Abiotic Stresses Using Arabidopsis Suppressor Mutants of abh1 Hypersensitivity to ABA during Seed Germination. International Journal of Molecular Sciences, 2013, 14, 13403-13432.	4.1	6
26	Arabidopsis Seed Germination Under Abiotic Stress as a Concert of Action of Phytohormones. OMICS A Journal of Integrative Biology, 2011, 15, 763-774.	2.0	68
27	TILLING - a shortcut in functional genomics. Journal of Applied Genetics, 2011, 52, 371-390.	1.9	184
28	The Molecular Basis of ABA-Mediated Plant Response to Drought. , 0, , .		21