

Agata Daszkowska-Golec

List of Publications by Year in descending order

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Version: 2024-02-01

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	Open or Close the Gate – Stomata Action Under the Control of Phytohormones in Drought Stress Conditions. <i>Frontiers in Plant Science</i> , 2013, 4, 138.	3.6	417
2	The Role and Regulation of ABI5 (ABA-Insensitive 5) in Plant Development, Abiotic Stress Responses and Phytohormone Crosstalk. <i>Frontiers in Plant Science</i> , 2016, 7, 1884.	3.6	362
3	TILLING - a shortcut in functional genomics. <i>Journal of Applied Genetics</i> , 2011, 52, 371-390.	1.9	184
4	Prompt chlorophyll fluorescence as a tool for crop phenotyping: an example of barley landraces exposed to various abiotic stress factors. <i>Photosynthetica</i> , 2018, 56, 953-961.	1.7	181
5	Transcriptome analysis reveals the role of the root hairs as environmental sensors to maintain plant functions under water-deficiency conditions. <i>Journal of Experimental Botany</i> , 2016, 67, 1079-1094.	4.8	80
6	HorTILLUS – A Rich and Renewable Source of Induced Mutations for Forward/Reverse Genetics and Pre-breeding Programs in Barley (<i>Hordeum vulgare</i> L.). <i>Frontiers in Plant Science</i> , 2018, 9, 216.	3.6	71
7	Arabidopsis Seed Germination Under Abiotic Stress as a Concert of Action of Phytohormones. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 763-774.	2.0	68
8	Barley ABI5 (Abscisic Acid INSENSITIVE 5) Is Involved in Abscisic Acid-Dependent Drought Response. <i>Frontiers in Plant Science</i> , 2020, 11, 1138.	3.6	51
9	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. <i>Cells</i> , 2021, 10, 1996.	4.1	49
10	Mutation in HvCBP20 (Cap Binding Protein 20) Adapts Barley to Drought Stress at Phenotypic and Transcriptomic Levels. <i>Frontiers in Plant Science</i> , 2017, 8, 942.	3.6	48
11	The Role of Abscisic Acid in Drought Stress: How ABA Helps Plants to Cope with Drought Stress. , 2016, , 123-151.		46
12	Arabidopsis suppressor mutant of <i>abh1</i> shows a new face of the already known players: ABH1 (CBP80) and ABI4 in response to ABA and abiotic stresses during seed germination. <i>Plant Molecular Biology</i> , 2013, 81, 189-209.	3.9	32
13	Genetic and Physiological Dissection of Photosynthesis in Barley Exposed to Drought Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6341.	4.1	30
14	Influence of short-term macronutrient deprivation in maize on photosynthetic characteristics, transpiration and pigment content. <i>Scientific Reports</i> , 2019, 9, 14181.	3.3	27
15	Barley strigolactone signalling mutant <i>hvd14.d</i> reveals the role of strigolactones in abscisic acid-dependent response to drought. <i>Plant, Cell and Environment</i> , 2020, 43, 2239-2253.	5.7	25
16	The Molecular Basis of ABA-Mediated Plant Response to Drought. , 0, , .		21
17	Emerging Roles of the Nuclear Cap-Binding Complex in Abiotic Stress Responses. <i>Plant Physiology</i> , 2018, 176, 242-253.	4.8	20
18	Methyl Jasmonate Affects Photosynthesis Efficiency, Expression of HvTIP Genes and Nitrogen Homeostasis in Barley. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4335.	4.1	20

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19	Mutation in barley ERA1 (Enhanced Response to ABA1) gene confers better photosynthesis efficiency in response to drought as revealed by transcriptomic and physiological analysis. <i>Environmental and Experimental Botany</i> , 2018, 148, 12-26.	4.2	17
20	ABA is important not only under stress – revealed by the discovery of new ABA transporters. <i>Trends in Plant Science</i> , 2022, 27, 423-425.	8.8	15
21	Special issue in honour of Prof. Reto J. Strasser - Development and aging of photosynthetic apparatus of <i>Vitis vinifera</i> L. during growing season. <i>Photosynthetica</i> , 2020, 58, 186-193.	1.7	14
22	High-throughput sequencing data revealed genotype-specific changes evoked by heat stress in crown tissue of barley <i>sdw1</i> near-isogenic lines. <i>BMC Genomics</i> , 2022, 23, 177.	2.8	9
23	Cuticular waxes – A shield of barley mutant in CBP20 (Cap-Binding Protein 20) gene when struggling with drought stress. <i>Plant Science</i> , 2020, 300, 110593.	3.6	7
24	Degrade or Silence? – RNA Turnover Takes Control of Epicuticular Wax Synthesis. <i>Trends in Plant Science</i> , 2020, 25, 950-952.	8.8	7
25	Towards the Identification of New Genes Involved in ABA-Dependent Abiotic Stresses Using Arabidopsis Suppressor Mutants of <i>abh1</i> Hypersensitivity to ABA during Seed Germination. <i>International Journal of Molecular Sciences</i> , 2013, 14, 13403-13432.	4.1	6
26	Identification of the Genetic Basis of Response to de-Acclimation in Winter Barley. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1057.	4.1	6
27	Methods for the Simple and Reliable Assessment of Barley Sensitivity to Abiotic Stresses During Early Development. <i>Methods in Molecular Biology</i> , 2019, 1900, 127-151.	0.9	3
28	The landscape of plant genomics after 20 years. <i>Trends in Genetics</i> , 2022, 38, 310-311.	6.7	2