Edyta Skrzypek

List of Publications by Year in descending order

62 papers	1,181 citations	516215 16 h-index	454577 30 g-index
62 all docs	62 docs citations	62 times ranked	1368 citing authors

#	Article	IF	Citations
1	Impact of osmotic stress on physiological and biochemical characteristics in drought-susceptible and drought-resistant wheat genotypes. Acta Physiologiae Plantarum, 2013, 35, 451-461.	1.0	140
2	The effect of light quality on seed germination, seedling growth and selected biochemical properties of Stevia rebaudiana Bertoni. Scientia Horticulturae, 2016, 211, 295-304.	1.7	85
3	Quantitative trait loci for leaf chlorophyll fluorescence parameters, chlorophyll and carotenoid contents in relation to biomass and yield in bread wheat and their chromosome deletion bin assignments. Molecular Breeding, 2013, 32, 189-210.	1.0	81
4	Alleviation of Osmotic Stress Effects by Exogenous Application of Salicylic or Abscisic Acid on Wheat Seedlings. International Journal of Molecular Sciences, 2013, 14, 13171-13193.	1.8	72
5	Melatonin significantly influences seed germination and seedling growth ofStevia rebaudianaBertoni. PeerJ, 2018, 6, e5009.	0.9	54
6	The role of oxidative stress induced by growth regulators in the regeneration process of wheat. Acta Physiologiae Plantarum, 2007, 29, 327-337.	1.0	52
7	Mapping QTLs for yield components and chlorophyll a fluorescence parameters in wheat under three levels of water availability. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 291-295.	0.4	50
8	Allelopathic Effect of Aqueous Extracts from the Leaves of Peppermint (Mentha piperita L.) on Selected Physiological Processes of Common Sunflower (Helianthus annuus L.). Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2015, 43, 335-342.	0.5	34
9	Exogenous melatonin stimulated Amaryllidaceae alkaloid biosynthesis in in vitro cultures of Leucojum aestivum L. Industrial Crops and Products, 2019, 138, 111458.	2.5	27
10	The effect of endogenous hydrogen peroxide induced by cold treatment in the improvement of tissue regeneration efficiency. Acta Physiologiae Plantarum, 2012, 34, 547-560.	1.0	25
11	Jasmonates are essential factors inducing gummosis in tulips: mode of action of jasmonates focusing on sugar metabolism. Journal of Plant Physiology, 2005, 162, 495-505.	1.6	23
12	The effect of glutathione and mannitol on androgenesis in anther and isolated microspore cultures of rye (Secale cereale L.). Plant Cell, Tissue and Organ Culture, 2020, 140, 577-592.	1.2	23
13	Morphological and Biochemical Responses to Gibberellic Acid in Magnolia Ã— â€˜Spectrumâ€™ in Vitro. Acta Biologica Cracoviensia Series Botanica, 2016, 58, 103-111.	0.5	21
14	Microorganisms and Biostimulants Impact on the Antioxidant Activity of Buckwheat (Fagopyrum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	20
15	Endogenous phytohormone profile during oat (Avena sativa L.) haploid embryo development. In Vitro Cellular and Developmental Biology - Plant, 2019, 55, 221-229.	0.9	19
16	The effect of auxin and genotype on the production of Avena sativa L. doubled haploid lines. Plant Growth Regulation, 2016, 78, 155-165.	1.8	18
17	Application of photochemical parameters and several indices based on phenotypical traits to assess intraspecific variation of oat (Avena sativa L.) tolerance to drought. Acta Physiologiae Plantarum, 2017, 39, 1.	1.0	18
18	Biostimulants and Microorganisms Boost the Nutritional Composition of Buckwheat (Fagopyrum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	18

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19	Potential biochemical, genetic and molecular markers of deterioration advancement in seeds of oilseed rape (Brassica napus L.). Industrial Crops and Products, 2019, 130, 478-490.	2.5	18
20	Prospects of androgenetic induction in Lupinus spp.. Plant Cell, Tissue and Organ Culture, 2008, 94, 131-137.	1.2	17
21	Influence of auxins on somatic embryogenesis and alkaloid accumulation in Leucojum aestivum callus. Open Life Sciences, 2013, 8, 591-599.	0.6	17
22	Effect of light conditions and ABA on cold storage and post-storage propagation of Taraxacum pieninicum. Plant Cell, Tissue and Organ Culture, 2016, 127, 25-34.	1.2	16
23	Basil (Ocimum L.) cell and organ culture for the secondary metabolites production: a review. Plant Cell, Tissue and Organ Culture, 2022, 149, 61-79.	1.2	16
24	Conversion of oat (Avena sativa L.) haploid embryos into plants in relation to embryo developmental stage and regeneration media. In Vitro Cellular and Developmental Biology - Plant, 2016, 52, 590-597.	0.9	15
25	Identification of jasmonic acid and its methyl ester as gum-inducing factors in tulips. Journal of Plant Research, 2005, 118, 27-30.	1.2	14
26	Polyamines in yellow lupin (Lupinus luteus L.) tolerance to soil drought. Acta Physiologiae Plantarum, 2017, 39, 1.	1.0	13
27	Induction of somatic embryogenesis and biochemical characterization of Cordyline australis (G.) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	12
28	The effect of light intensity on the production of oat (Avena sativaL.) doubled haploids through oat Ã— maize crosses. Cereal Research Communications, 2016, 44, 490-500.	0.8	12
29	Soluble sugar, starch and phenolic status during rooting of easy- and difficult-to-root magnolia cultivars. Plant Cell, Tissue and Organ Culture, 2019, 136, 499-510.	1.2	12
30	Effect of mechanical damage on vigor, physiological parameters, and susceptibility of oat (Avena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	11
31	Production of double haploids in oat (Avena sativa L.) by pollination with maize (Zea mays L.). Open Life Sciences, 2013, 8, 306-313.	0.6	11
32	The effect of genotype, media composition, pH and sugar concentrations on oat (Avena sativa L.) doubled haploid production through oat Ã— maize crosses. Acta Physiologiae Plantarum, 2018, 40, 1.	1.0	11
33	Exogenous Polyamines Only Indirectly Induce Stress Tolerance in Wheat Growing in Hydroponic Culture under Polyethylene Glycol-Induced Osmotic Stress. Life, 2020, 10, 151.	1.1	11
34	The Effect of Zinc, Copper, and Silver Ions on Oat (Avena sativa L.) Androgenesis. Plants, 2021, 10, 248.	1.6	11
35	Complex characterization of oat (Avena sativaL.) lines obtained by wide crossing with maize (Zea maysL.). PeerJ, 2018, 6, e5107.	0.9	11
36	Carbohydrates stimulated Amaryllidaceae alkaloids biosynthesis inLeucojum aestivumL. plants cultured in RITA^{Â®}bioreactor. PeerJ, 2020, 8, e8688.	0.9	11

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37	Anatomical and hormonal factors determining the development of haploid and zygotic embryos of oat (Avena sativa L.). Scientific Reports, 2022, 12, 548.	1.6	11
38	Effect of Fusarium culmorum infection on selected physiological and biochemical parameters of barley (Hordeum vulgare L.) DH lines. Physiological and Molecular Plant Pathology, 2015, 89, 62-69.	1.3	10
39	Factors inducing regeneration response in oat (Avena sativa L.) anther culture. In Vitro Cellular and Developmental Biology - Plant, 2019, 55, 595-604.	0.9	10
40	Genetic Parameters and QTLs for Total Phenolic Content and Yield of Wheat Mapping Population of CSDH Lines under Drought Stress. International Journal of Molecular Sciences, 2019, 20, 6064.	1.8	10
41	Evaluation on Stevia rebaudiana Bertoni seed germination and seedling development under phytohormones treatment. Scientia Horticulturae, 2019, 257, 108717.	1.7	9
42	Effects of application of plant growth promoters, biological control agents and microbial soil additives on photosynthetic efficiency, canopy vegetation indices and yield of common buckwheat (Fagopyrum esculentum Moench). Biological Agriculture and Horticulture, 2021, 37, 234-251.	0.5	9
43	Effects of cytokinins on antioxidant enzymes in in vitro grown shoots of Pelargonium hortorum L. H. Bayley. Acta Agrobotanica, 2014, 67, 33-42.	1.0	9
44	Genetic analysis of water loss of excised leaves associated with drought tolerance in wheat. PeerJ, 2018, 6, e5063.	0.9	9
45	Chlorophyll a Fluorescence Parameters of Hulled and Hull-less Barley (Hordeum vulgare L.) DH Lines Inoculated with Fusarium culmorum. Plant Pathology Journal, 2019, 35, 112-124.	0.7	8
46	QTL mapping for germination of seeds obtained from previous wheat generation under drought. Open Life Sciences, 2014, 9, 374-382.	0.6	7
47	Application of chosen factors in the wide crossing method for the production of oat doubled haploids. Open Life Sciences, 2015, 10, .	0.6	7
48	Functioning of the Photosynthetic Apparatus in Response to Drought Stress in Oat Ã— Maize Addition Lines. International Journal of Molecular Sciences, 2020, 21, 6958.	1.8	7
49	In Vitro Rooting Response of Yellow-Flowered Magnolia in Relation to the Phenolic Acids Content. Agronomy, 2020, 10, 1880.	1.3	6
50	3-D Nucleus Architecture in Oat Ã— Maize Addition Lines. International Journal of Molecular Sciences, 2020, 21, 4280.	1.8	6
51	Chlorophyll fluorescence for prediction of yellow lupin (Lupinus luteus L.) and pea (Pisum sativum L.) susceptibility to drought. Photosynthetica, 2019, 57, 950-959.	0.9	6
52	The Change of Heat Emission and Phenolic Compound Level in Hordeum vulgare (L.) and Festuca pratensis (Huds.) Calli Treated with Bipolaris sorokiniana (Sacc.) Shoem. Phytotoxins. Journal of Agronomy and Crop Science, 2000, 184, 17-21.	1.7	5
53	Effect of soil drought on the yield structure, protein and phenolics content in Pisum sativum and Lupinus luteus. Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science, 2013, 61, 267-278.	0.2	5
54	Obtaining of winter rye (Secale cereale L. ssp. cereale) haploid embryos through hybridization with maize (Zea Mays L.). Cereal Research Communications, 2018, 46, 521-532.	0.8	5

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55	Impact of Selected PSII Parameters on Barley DH Lines Biomass and Yield Elements. Agronomy, 2021, 11, 1705.	1.3	5
56	Breaking seed dormancy of Astragalus penduliflorus Lam.. Acta Societatis Botanicorum Poloniae, 2019, 88, .	0.8	5
57	Chlorophyll a fluorescence parameters in the evaluation of oat DH lines yield components. Cereal Research Communications, 2017, 45, 665-674.	0.8	4
58	The effect of 2,4-dichlorophenoxyacetic acid on the production of oat (Avena sativa L.) doubled haploid lines through wide hybridization. PeerJ, 2022, 10, e12854.	0.9	4
59	Indirect Organogenesis of Faba Bean (Vicia Faba L. Minor). Acta Biologica Cracoviensia Series Botanica, 2012, 54, .	0.5	3
60	Oat Doubled Haploid Production Through Wide Hybridization with Maize. Methods in Molecular Biology, 2021, 2287, 323-332.	0.4	2
61	Identification of oatÃ—maize hybrids by PCR technique. New Biotechnology, 2016, 33, S159.	2.4	0
62	Oat (Avena sativa L.) Anther Culture. Methods in Molecular Biology, 2021, 2287, 313-322.	0.4	0