

Edyta Skrzypek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8705856/publications.pdf>

Version: 2024-02-01

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	Anatomical and hormonal factors determining the development of haploid and zygotic embryos of oat (<i>Avena sativa</i> L.). <i>Scientific Reports</i> , 2022, 12, 548.	1.6	11
2	The effect of 2,4-dichlorophenoxyacetic acid on the production of oat (<i>Avena sativa</i> L.) doubled haploid lines through wide hybridization. <i>PeerJ</i> , 2022, 10, e12854.	0.9	4
3	Basil (<i>Ocimum</i> L.) cell and organ culture for the secondary metabolites production: a review. <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 149, 61-79.	1.2	16
4	Oat Doubled Haploid Production Through Wide Hybridization with Maize. <i>Methods in Molecular Biology</i> , 2021, 2287, 323-332.	0.4	2
5	The Effect of Zinc, Copper, and Silver Ions on Oat (<i>Avena sativa</i> L.) Androgenesis. <i>Plants</i> , 2021, 10, 248.	1.6	11
6	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 (<i>Fagopyrum esculentum</i> Moench). <i>Biological Agriculture and Horticulture</i> , 2021, 37, 234-251.	0.5	9
7	Impact of Selected PSII Parameters on Barley DH Lines Biomass and Yield Elements. <i>Agronomy</i> , 2021, 11, 1705.	1.3	5
8	Oat (<i>Avena sativa</i> L.) Anther Culture. <i>Methods in Molecular Biology</i> , 2021, 2287, 313-322.	0.4	0
9	The effect of glutathione and mannitol on androgenesis in anther and isolated microspore cultures of rye (<i>Secale cereale</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 140, 577-592.	1.2	23
10	Functioning of the Photosynthetic Apparatus in Response to Drought Stress in Oat – Maize Addition Lines. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6958.	1.8	7
11	Exogenous Polyamines Only Indirectly Induce Stress Tolerance in Wheat Growing in Hydroponic Culture under Polyethylene Glycol-Induced Osmotic Stress. <i>Life</i> , 2020, 10, 151.	1.1	11
12	In Vitro Rooting Response of Yellow-Flowered Magnolia in Relation to the Phenolic Acids Content. <i>Agronomy</i> , 2020, 10, 1880.	1.3	6
13	3-D Nucleus Architecture in Oat – Maize Addition Lines. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4280.	1.8	6
14	Microorganisms and Biostimulants Impact on the Antioxidant Activity of Buckwheat (<i>Fagopyrum</i>)	2.2	20
15	Carbohydrates stimulated Amaryllidaceae alkaloids biosynthesis in <i>Leucojum aestivum</i> L. plants cultured in RITA [®] bioreactor. <i>PeerJ</i> , 2020, 8, e8688.	0.9	11
16	Evaluation on <i>Stevia rebaudiana</i> Bertoni seed germination and seedling development under phytohormones treatment. <i>Scientia Horticulturae</i> , 2019, 257, 108717.	1.7	9
17	Biostimulants and Microorganisms Boost the Nutritional Composition of Buckwheat (<i>Fagopyrum</i>)	1.3	18
18	Factors inducing regeneration response in oat (<i>Avena sativa</i> L.) anther culture. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2019, 55, 595-604.	0.9	10

#	ARTICLE	IF	CITATIONS
19	Exogenous melatonin stimulated Amaryllidaceae alkaloid biosynthesis in in vitro cultures of <i>Leucosium aestivum</i> L. <i>Industrial Crops and Products</i> , 2019, 138, 111458.	2.5	27
20	Endogenous phytohormone profile during oat (<i>Avena sativa</i> L.) haploid embryo development. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2019, 55, 221-229.	0.9	19
21	Genetic Parameters and QTLs for Total Phenolic Content and Yield of Wheat Mapping Population of CSDH Lines under Drought Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6064.	1.8	10
22	Potential biochemical, genetic and molecular markers of deterioration advancement in seeds of oilseed rape (<i>Brassica napus</i> L.). <i>Industrial Crops and Products</i> , 2019, 130, 478-490.	2.5	18
23	Soluble sugar, starch and phenolic status during rooting of easy- and difficult-to-root magnolia cultivars. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 136, 499-510.	1.2	12
24	Chlorophyll fluorescence for prediction of yellow lupin (<i>Lupinus luteus</i> L.) and pea (<i>Pisum sativum</i> L.) susceptibility to drought. <i>Photosynthetica</i> , 2019, 57, 950-959.	0.9	6
25	Chlorophyll a Fluorescence Parameters of Hulled and Hull-less Barley (<i>Hordeum vulgare</i> L.) DH Lines Inoculated with <i>Fusarium culmorum</i> . <i>Plant Pathology Journal</i> , 2019, 35, 112-124.	0.7	8
26	Breaking seed dormancy of <i>Astragalus penduliflorus</i> Lam.. <i>Acta Societatis Botanicorum Poloniae</i> , 2019, 88, .	0.8	5
27	The effect of genotype, media composition, pH and sugar concentrations on oat (<i>Avena sativa</i> L.) doubled haploid production through oat × maize crosses. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	1.0	11
28	Obtaining of winter rye (<i>Secale cereale</i> L. ssp. <i>cereale</i>) haploid embryos through hybridization with maize (<i>Zea Mays</i> L.). <i>Cereal Research Communications</i> , 2018, 46, 521-532.	0.8	5
29	Melatonin significantly influences seed germination and seedling growth of <i>Stevia rebaudiana</i> Bertonii. <i>PeerJ</i> , 2018, 6, e5009.	0.9	54
30	Genetic analysis of water loss of excised leaves associated with drought tolerance in wheat. <i>PeerJ</i> , 2018, 6, e5063.	0.9	9
31	Complex characterization of oat (<i>Avena sativa</i> L.) lines obtained by wide crossing with maize (<i>Zea mays</i> L.). <i>PeerJ</i> , 2018, 6, e5107.	0.9	11
32	Application of photochemical parameters and several indices based on phenotypical traits to assess intraspecific variation of oat (<i>Avena sativa</i> L.) tolerance to drought. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	1.0	18
33	Polyamines in yellow lupin (<i>Lupinus luteus</i> L.) tolerance to soil drought. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	1.0	13
34	Chlorophyll fluorescence parameters in the evaluation of oat DH lines yield components. <i>Cereal Research Communications</i> , 2017, 45, 665-674.	0.8	4
35	The effect of light intensity on the production of oat (<i>Avena sativa</i> L.) doubled haploids through oat × maize crosses. <i>Cereal Research Communications</i> , 2016, 44, 490-500.	0.8	12
36	Identification of oat × maize hybrids by PCR technique. <i>New Biotechnology</i> , 2016, 33, S159.	2.4	0

#	ARTICLE	IF	CITATIONS
37	The effect of light quality on seed germination, seedling growth and selected biochemical properties of <i>Stevia rebaudiana</i> Bertoni. <i>Scientia Horticulturae</i> , 2016, 211, 295-304.	1.7	85
38	Effect of light conditions and ABA on cold storage and post-storage propagation of <i>Taraxacum pinninicum</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 25-34.	1.2	16
39	Conversion of oat (<i>Avena sativa</i> L.) haploid embryos into plants in relation to embryo developmental stage and regeneration media. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2016, 52, 590-597.	0.9	15
40	Morphological and Biochemical Responses to Gibberellic Acid in <i>Magnolia</i> "Spectrum"™ in Vitro. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2016, 58, 103-111.	0.5	21
41	The effect of auxin and genotype on the production of <i>Avena sativa</i> L. doubled haploid lines. <i>Plant Growth Regulation</i> , 2016, 78, 155-165.	1.8	18
42	Allelopathic Effect of Aqueous Extracts from the Leaves of Peppermint (<i>Mentha piperita</i> L.) on Selected Physiological Processes of Common Sunflower (<i>Helianthus annuus</i> L.). <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 335-342.	0.5	34
43	Application of chosen factors in the wide crossing method for the production of oat doubled haploids. <i>Open Life Sciences</i> , 2015, 10, .	0.6	7
44	Effect of <i>Fusarium culmorum</i> infection on selected physiological and biochemical parameters of barley (<i>Hordeum vulgare</i> L.) DH lines. <i>Physiological and Molecular Plant Pathology</i> , 2015, 89, 62-69.	1.3	10
45	Induction of somatic embryogenesis and biochemical characterization of <i>Cordyline australis</i> (G.) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	12
46	QTL mapping for germination of seeds obtained from previous wheat generation under drought. <i>Open Life Sciences</i> , 2014, 9, 374-382.	0.6	7
47	Effects of cytokinins on antioxidant enzymes in in vitro grown shoots of <i>Pelargonium hortorum</i> L. H. Bayley. <i>Acta Agrobotanica</i> , 2014, 67, 33-42.	1.0	9
48	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. <i>Molecular Breeding</i> , 2013, 32, 189-210.	1.0	81
49	Impact of osmotic stress on physiological and biochemical characteristics in drought-susceptible and drought-resistant wheat genotypes. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 451-461.	1.0	140
50	Production of double haploids in oat (<i>Avena sativa</i> L.) by pollination with maize (<i>Zea mays</i> L.). <i>Open Life Sciences</i> , 2013, 8, 306-313.	0.6	11
51	Influence of auxins on somatic embryogenesis and alkaloid accumulation in <i>Leucojum aestivum</i> callus. <i>Open Life Sciences</i> , 2013, 8, 591-599.	0.6	17
52	Effect of soil drought on the yield structure, protein and phenolics content in <i>Pisum sativum</i> and <i>Lupinus luteus</i> . <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , 2013, 61, 267-278.	0.2	5
53	Alleviation of Osmotic Stress Effects by Exogenous Application of Salicylic or Abscisic Acid on Wheat Seedlings. <i>International Journal of Molecular Sciences</i> , 2013, 14, 13171-13193.	1.8	72
54	Indirect Organogenesis of Faba Bean (<i>Vicia Faba</i> L. Minor). <i>Acta Biologica Cracoviensia Series Botanica</i> , 2012, 54, .	0.5	3

#	ARTICLE	IF	CITATIONS
55	Effect of mechanical damage on vigor, physiological parameters, and susceptibility of oat (<i>Avena</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	11
56	The effect of endogenous hydrogen peroxide induced by cold treatment in the improvement of tissue regeneration efficiency. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 547-560.	1.0	25
57	Mapping QTLs for yield components and chlorophyll a fluorescence parameters in wheat under three levels of water availability. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 291-295.	0.4	50
58	Prospects of androgenetic induction in <i>Lupinus</i> spp.. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 94, 131-137.	1.2	17
59	The role of oxidative stress induced by growth regulators in the regeneration process of wheat. <i>Acta Physiologiae Plantarum</i> , 2007, 29, 327-337.	1.0	52
60	Identification of jasmonic acid and its methyl ester as gum-inducing factors in tulips. <i>Journal of Plant Research</i> , 2005, 118, 27-30.	1.2	14
61	Jasmonates are essential factors inducing gummosis in tulips: mode of action of jasmonates focusing on sugar metabolism. <i>Journal of Plant Physiology</i> , 2005, 162, 495-505.	1.6	23
62	The Change of Heat Emission and Phenolic Compound Level in <i>Hordeum vulgare</i> (L.) and <i>Festuca pratensis</i> (Huds.) Calli Treated with <i>Bipolaris sorokiniana</i> (Sacc.) Shoem. <i>Phytotoxins. Journal of Agronomy and Crop Science</i> , 2000, 184, 17-21.	1.7	5