

Miroslav Barã;nek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3153521/publications.pdf>

Version: 2024-02-01

43
papers

540
citations

686830

13
h-index

713013

21
g-index

45
all docs

45
docs citations

45
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA-methylation changes in grapevine somaclones following in vitro culture and thermotherapy. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 101, 11-22.	1.2	71
2	Comprehensive Virus Detection Using Next Generation Sequencing in Grapevine Vascular Tissues of Plants Obtained from the Wine Regions of Bohemia and Moravia (Czech Republic). <i>PLoS ONE</i> , 2016, 11, e0167966.	1.1	59
3	Epigenetics for Crop Improvement in Times of Global Change. <i>Biology</i> , 2021, 10, 766.	1.3	53
4	Dynamics and Reversibility of the DNA Methylation Landscape of Grapevine Plants (<i>Vitis vinifera</i>) Stressed by In Vitro Cultivation and Thermotherapy. <i>PLoS ONE</i> , 2015, 10, e0126638.	1.1	43
5	Utility of retrotransposon-derived marker systems for differentiation of presumed clones of the apricot cultivar Velkopavlovická. <i>Scientia Horticulturae</i> , 2012, 143, 1-6.	1.7	39
6	Deciphering the Epigenetic Alphabet Involved in Transgenerational Stress Memory in Crops. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7118.	1.8	36
7	High-throughput amplicon sequencing-based analysis of active fungal communities inhabiting grapevine after hot-water treatments reveals unexpectedly high fungal diversity. <i>Fungal Ecology</i> , 2018, 36, 26-38.	0.7	33
8	Analysis of genetic diversity and phylogeny of partial coat protein domain in Czech and Italian GFLV isolates. <i>Plant Protection Science</i> , 2010, 46, 145-148.	0.7	20
9	Killing Effect of <i>Bacillus velezensis</i> FZB42 on a <i>Xanthomonas campestris</i> pv. <i>Campestris</i> (Xcc) Strain Newly Isolated from Cabbage <i>Brassica oleracea</i> Convar. <i>Capitata</i> (L.): A Metabolomic Study. <i>Microorganisms</i> , 2021, 9, 1410.	1.6	20
10	<i>Lasiodiplodia mitidjana</i> sp. nov. and other <i>Botryosphaeriaceae</i> species causing branch canker and dieback of <i>Citrus sinensis</i> in Algeria. <i>PLoS ONE</i> , 2020, 15, e0232448.	1.1	19
11	Use of Combined MSAP and NGS Techniques to Identify Differentially Methylated Regions in Somaclones: A Case Study of Two Stable Somatic Wheat Mutants. <i>PLoS ONE</i> , 2016, 11, e0165749.	1.1	15
12	Comparative analysis of genetic diversity in <i>Prunus</i> L. as revealed by RAPD and SSR markers. <i>Scientia Horticulturae</i> , 2006, 108, 253-259.	1.7	14
13	Genetic changes in grapevine genomes after stress induced by in vitro cultivation, thermotherapy and virus infection, as revealed by AFLP. <i>Genetics and Molecular Biology</i> , 2009, 32, 834-839.	0.6	13
14	Screening of differentially expressed genes during the end of endogenous dormancy of flower buds in <i>Prunus armeniaca</i> L.. <i>Plant Growth Regulation</i> , 2012, 67, 141-150.	1.8	10
15	Species-specific PCR primers for the detection of poorly distinguishable <i>Xanthomonas euvesicatoria</i> . <i>Crop Protection</i> , 2020, 127, 104978.	1.0	8
16	Comparison of DNA methylation landscape between Czech and Armenian vineyards show their unique character and increased diversity. <i>Czech Journal of Genetics and Plant Breeding</i> , 2021, 57, 67-75.	0.4	8
17	Silver nanoparticles eliminate <i>Xanthomonas campestris</i> pv. <i>campestris</i> in cabbage seeds more efficiently than hot water treatment. <i>Materials Today Communications</i> , 2021, 27, 102284.	0.9	8
18	Identification of rare traditional grapevine cultivars using SSR markers and their geographical location within the Czech Republic. <i>Czech Journal of Genetics and Plant Breeding</i> , 2020, 56, 71-78.	0.4	7

#	ARTICLE	IF	CITATIONS
19	The Change of Bacterial Spectrum after Storage of <i>X. campestris</i> pv. <i>campestris</i> Inoculated Cabbage Heads (<i>Brassica oleracea</i> var. <i>capitata</i> L.). <i>Agronomy</i> , 2020, 10, 443.	1.3	7
20	Use of SSR markers to identify grapevine cultivars registered in the Czech Republic. <i>Oeno One</i> , 2016, 40, 71.	0.7	6
21	MicroRNAs in <i>Vitis vinifera</i> cv. Chardonnay Are Differentially Expressed in Response to <i>Diaporthe</i> Species. <i>Genes</i> , 2019, 10, 905.	1.0	5
22	Incidence of GLMD-Like Symptoms on Grapevines Naturally Infected by Grapevine Pinot gris virus, Boron Content and Gene Expression Analysis of Boron Metabolism Genes. <i>Agronomy</i> , 2021, 11, 1020.	1.3	5
23	Rapid Communication. Monitoring the occurrence of bacteria in stored cabbage heads. <i>Journal of Plant Protection Research</i> , 2016, 57, 56-61.	1.0	4
24	First Report of <i>Dactylonectria torresensis</i> Causing Black-Foot Disease on Grapevines in the Czech Republic. <i>Plant Disease</i> , 2018, 102, 2038.	0.7	4
25	Persistence of <i>Xanthomonas campestris</i> pv. <i>campestris</i> in Field Soil in Central Europe. <i>Microorganisms</i> , 2021, 9, 591.	1.6	4
26	Genetic Diversity Assessment in Amaranth Germplasm using AFLP and ISSR Markers. <i>Journal of Crop Improvement</i> , 2014, 28, 518-529.	0.9	3
27	Quantitative real-time PCR assay for rapid detection of <i>Pseudomonas amygdali</i> pv. <i>lachrymans</i> in cucumber leaf rinse. <i>Journal of Plant Diseases and Protection</i> , 2019, 126, 517-528.	1.6	3
28	Effect of Different DNA Demethylating Agents on In vitro Cultures of Peach Rootstock GF 677. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2019, 47, .	0.5	3
29	EVALUATION OF THE AFLP AND MSAP METHODS AS TOOLS FOR STUDYING OF DNA CHANGES IN GRAPEVINE PLANTS LONG PERIOD AFTER THEIR IN VITRO THERMOTHERAPY. <i>Acta Horticulturae</i> , 2012, , 73-80.	0.1	2
30	Epigenetic Modulating Chemicals Significantly Affect the Virulence and Genetic Characteristics of the Bacterial Plant Pathogen <i>Xanthomonas campestris</i> pv. <i>campestris</i> . <i>Genes</i> , 2021, 12, 804.	1.0	2
31	The Effects of Potassium Silicate as a Component of Nutrient Medium for Selected in Vitro Cultures of <i>Prunus</i> and <i>Corylus</i> Genera. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2020, 68, 851-857.	0.2	2
32	OPTIMIZATION OF THE PREPARATION OF DS CDNA FROM FLOWER BUDS OF APRICOT FOR THE CDNA-AFLP ANALYSIS. <i>Acta Horticulturae</i> , 2009, , 537-544.	0.1	2
33	EVALUATION OF SELECTED SSR MARKERS FOR THEIR CAPABILITY TO CONTROL THE QUALITY OF CABBAGE F1 HYBRIDS PRODUCTION. <i>Acta Horticulturae</i> , 2015, , 131-134.	0.1	1
34	IDENTIFICATION OF UNKNOWN ALMOND GENOTYPES BY SSR ANALYSIS. <i>Acta Horticulturae</i> , 2015, , 149-153.	0.1	1
35	AFLP-DERIVED METHODS AS A TOOL FOR STUDY OF GENOMIC, EPIGENOMIC AND TRANSCRIPTOMIC CHANGES IN STRESSED GRAPEVINE PLANTS. <i>Acta Horticulturae</i> , 2009, , 575-583.	0.1	0
36	USE OF ANTIVIRALS FOR CARLAVIRUS ELIMINATION IN <i>ALLIUM SATIVUM</i> L.. <i>Acta Horticulturae</i> , 2015, , 589-594.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Development of RT-PCR method for detecting GCLV by specific primers. Acta Horticulturae, 2016, , 21-26.	0.1	0
38	Title is missing!. , 2020, 15, e0232448.		0
39	Title is missing!. , 2020, 15, e0232448.		0
40	Title is missing!. , 2020, 15, e0232448.		0
41	Title is missing!. , 2020, 15, e0232448.		0
42	Title is missing!. , 2020, 15, e0232448.		0
43	Title is missing!. , 2020, 15, e0232448.		0