

Tomas Necas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pomological Traits and Genome Size of <i>Prunus armeniaca</i> L. Considering to Geographical Origin. <i>Horticulturae</i> , 2022, 8, 199.	1.2	4
2	A survey of "Candidatus <i>Phytoplasma pyri</i> "™ isolates in the Czech Republic based on <i>imp</i> gene genotyping. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022, 50, 12602.	0.5	0
3	Quantification of 'Candidatus <i>Phytoplasma prunorum</i> ' in apricot trees exhibiting uneven European stone fruit yellows symptoms. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2022, 70, 31-36.	0.2	0
4	Evaluation of Protein and Antioxidant Content in Apricot Kernels as a Sustainable Additional Source of Nutrition. <i>Sustainability</i> , 2021, 13, 4742.	1.6	22
5	Genetic Diversity among Some Walnut (<i>Juglans regia</i> L.) Genotypes by SSR Markers. <i>Sustainability</i> , 2021, 13, 6830.	1.6	23
6	Seed-Propagated Summer Apples: Great Morphological and Biochemical Diversity. <i>Sustainability</i> , 2021, 13, 8359.	1.6	1
7	Effect of Methyl Jasmonate, Cytokinin, and Lavender Oil on Antioxidant Enzyme System of Apricot Fruit (<i>Prunus armeniaca</i> L.). <i>Sustainability</i> , 2021, 13, 8565.	1.6	7
8	Evaluation of non-traditional plum cultivars for growing in the Czech conditions. <i>Acta Horticulturae</i> , 2021, , 113-124.	0.1	1
9	Analysis of Phenolic Compounds and Some Important Analytical Properties in Selected Apricot Genotypes. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2021, 56, 1446-1452.	0.5	17
10	CIELAB analysis and quantitative correlation of total anthocyanin content in European and Asian plums. <i>European Journal of Horticultural Science</i> , 2021, 86, 453-460.	0.3	4
11	Determination of Selected Beneficial Substances in Peach Fruits. <i>Sustainability</i> , 2021, 13, 14028.	1.6	8
12	Fungal Trunk Pathogens Associated With <i>Juglans regia</i> in the Czech Republic. <i>Plant Disease</i> , 2020, 104, 761-771.	0.7	25
13	Agro-Morphological and Biochemical Characterization of Wild <i>Prunus spinosa</i> L. Subsp. <i>dasyphylla</i> (Schur) Domin Genotypes Naturally Grown in Western Black Sea Region of Turkey. <i>Agronomy</i> , 2020, 10, 1748.	1.3	2
14	Evaluation of certain pomological and phenological traits of selected asian pear varieties growing in Middle European conditions. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2020, 47, 81-92.	0.3	2
15	Molecular characterisation of little cherry virus 1 infecting apricots in the Czech Republic. <i>European Journal of Plant Pathology</i> , 2020, 158, 83-97.	0.8	1
16	Sustainable Cornelian Cherry Production in Montenegro: Importance of Local Genetic Resources. <i>Sustainability</i> , 2020, 12, 8651.	1.6	8
17	Morphological and Biochemical Characterization of Diverse Strawberry Tree (<i>Arbutus unedo</i> L.) Genotypes from Northern Turkey. <i>Agronomy</i> , 2020, 10, 1581.	1.3	16
18	Assessment of Antioxidants in Selected Plant Rootstocks. <i>Antioxidants</i> , 2020, 9, 209.	2.2	6

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19	Health-benefitting Biologically Active Substances in Edible Apricot Flowers. Hortscience: A Publication of the American Society for Horticultural Science, 2020, 55, 1372-1377.	0.5	7
20	Determination of the pomological and nutritional properties of selected plum cultivars and minor fruit species. Zahradnictvi (Prague, Czech Republic: 1992), 2020, 47, 181-193.	0.3	10
21	Improving the quality of nursery apple and pear trees with the use of different plant growth regulators. European Journal of Horticultural Science, 2020, 85, 430-438.	0.3	2
22	Comparison of selected qualitative characteristics of American, French and Czech apricot cultivars. Acta Horticulturae, 2020, , 159-168.	0.1	1
23	New promising apricot hybrids from Faculty of Horticulture in Lednice. Acta Horticulturae, 2020, , 169-178.	0.1	1
24	High-Throughput Sequencing Analysis of the Bacterial Community in Stone Fruit Phloem Tissues Infected by <i>Candidatus Phytoplasma prunorum</i> . Microbial Ecology, 2019, 77, 664-675.	1.4	4
25	Evaluation of Presence and Concentration of PPV in Rootstocks Derived from <i>Prunus davidiana</i> (Carr.) Franch. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2019, 67, 121-131.	0.2	1
26	Preliminary results of auxin and brassinosteroid application on <i>Candidatus Phytoplasma prunorum</i> ™ infected plants. Phytopathogenic Mollicutes, 2019, 9, 169.	0.1	0
27	The Use of Phytohormones in Production of Fruit Tree Rootstocks in Nursery Without Irrigation. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2019, 67, 463-470.	0.2	0
28	Potential Use of Spring Budding Techniques in Production of Plum Nursery Trees. Proceedings of the Latvian Academy of Sciences, 2019, 73, 220-225.	0.0	0
29	Induction of Lateral Branching of Sweet Cherry and Plum in Fruit Nursery. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2019, 47, 962-969.	0.5	2
30	Evaluation of pomological and qualitative traits in plum cultivars delivered from <i>Prunus domestica</i> , <i>P. Ásalicina</i> , <i>P. cerasifera</i> , and their hybrids. Acta Horticulturae, 2019, , 171-180.	0.1	2
31	Identification of 17 <i>Candidatus Phytoplasma pyri</i> ™ genotypes based on the diversity of the <i>imp</i> gene sequence. Plant Pathology, 2018, 67, 971-977.	1.2	11
32	Use of different plant growth regulators for control of shoot branching in apple and pear trees. Acta Horticulturae, 2018, , 225-232.	0.1	1
33	Use of plant growth regulators in fruit nursery production of plums and sweet cherries. Acta Horticulturae, 2018, , 299-307.	0.1	2
34	Determination of synergistic interactions between Plum pox virus and <i>Candidatus Phytoplasma prunorum</i> ™ in infected peach trees. Acta Horticulturae, 2017, , 45-52.	0.1	1
35	The Effect of <i>Phytoplasma</i> Disease Caused by <i>Candidatus Phytoplasma prunorum</i> ™ on the Phenological and Pomological Traits in Apricot Trees. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2017, 46, 107-114.	0.5	5
36	Evaluation of Pollen Quality and Self-Fertility in Selected Cultivars of Asian and European Pears. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2017, 45, 375-382.	0.5	15

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37	AFLP Molecular Identification and Genetic Relationship of Chinese and Japanese Pear Cultivars Grown in Middle European Conditions. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 369-374.	0.5	1
38	First Report of <i>Little cherry virus 1</i> Infecting Apricot in the Czech Republic. <i>Plant Disease</i> , 2017, 101, 845.	0.7	21
39	Fungi detected in trunk of stone fruits in the Czech Republic. <i>Agrár tudományi Közlemények</i> , 2017, , 121-127.	0.1	0
40	Comparison of four techniques for plum pox virus detection. <i>Journal of Plant Diseases and Protection</i> , 2016, 123, 311-315.	1.6	2
41	Propagation of Selected Pear and Quince Rootstocks By Hardwood Cuttings. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2016, 64, 1211-1217.	0.2	1
42	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
43	Comparison of real-time PCR protocols in detection and quantification of fruit tree 16SrX group phytoplasmas. <i>Genetika</i> , 2016, 48, 629-642.	0.1	2
44	Use of real-time PCR for the characterization of variable symptoms in ESFY phytoplasma disease. <i>Acta Horticulturae</i> , 2016, , 57-62.	0.1	1
45	<i>Candidatus</i> <i>Phytoplasma prunorum</i> a pathogen spreading uncontrollably in apricot orchards in the Czech Republic. <i>Acta Horticulturae</i> , 2015, , 131-136.	0.1	0
46	EVALUATION OF THE GROWTH AND PHENOLOGICAL TRAITS OF TEN ROOTSTOCKS IN COMBINATION WITH PEAR CULTIVARS 'HOSUI', 'YALI' AND 'CONFERENCE'. <i>Acta Horticulturae</i> , 2015, , 123-130.	0.1	1
47	NEW SHARKA RESISTANT APRICOTS AT THE HORTICULTURAL FACULTY IN LEDNICE. <i>Acta Horticulturae</i> , 2015, , 105-110.	0.1	2
48	Characterization of cornelian cherry (<i>Cornus mas</i> L.) genotypes - genetic resources for food production in Czech Republic. <i>Genetika</i> , 2014, 46, 915-924.	0.1	22
49	PROPAGATION OF DIFFERENT STONE FRUIT ROOTSTOCKS USING SOFTWOOD AND HARDWOOD CUTTINGS. <i>Acta Horticulturae</i> , 2013, , 127-137.	0.1	4
50	The effect of clay amendment on substrate properties and growth of woody plants. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2013, 60, 163-170.	0.2	2
51	Evaluation of selected nursery traits in combination rootstocks and variety in Asian pear trees. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2013, 60, 171-180.	0.2	1
52	EVALUATION OF PRECOCIOUS DECLINE OF YOUNG APRICOT ORCHARDS IN THE CZECH REPUBLIC. <i>Acta Horticulturae</i> , 2012, , 175-182.	0.1	3
53	STUDY OF SYMPTOMS VARIABILITY AFTER ARTIFICIAL INOCULATION BY PHYTOPLASMA ESFY IN DIFFERENT PRUNUS SPECIES. <i>Acta Horticulturae</i> , 2012, , 123-129.	0.1	2
54	RESISTANCE BREEDING OF APRICOTS AT THE HORTICULTURAL FACULTY IN LEDNICE. <i>Acta Horticulturae</i> , 2011, , 123-128.	0.1	3

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55	ON-LINE GRAFTED SOFTWOOD CUTTINGS OF ROOTSTOCKS FOR APRICOTS. Acta Horticulturae, 2009, , 299-304.	0.1	0
56	COMPARISON OF METHODS OF ISOLATING DNA FOR ESFY PHYTOPLASMA DETECTION. Acta Horticulturae, 2009, , 213-220.	0.1	2
57	THE POSSIBILITY OF ESFY PHYTOPLASMA TRANSMISSION: THROUGH FLOWERS AND SEEDS. Acta Horticulturae, 2008, , 443-448.	0.1	9
58	VEGETATIVE PROPAGATION OF PEAR AND QUINCE ROOTSTOCKS USING HARDWOOD CUTTINGS. Acta Horticulturae, 2008, , 701-706.	0.1	5
59	Resistance of Chinese asters (<i>Callistephus chinensis</i> Nees.) to Fusarium wilts (<i>Fusarium oxysporum</i> f.) Tj ETQq1 1 0.784314 rgBT /Overd (Prague, Czech Republic: 1992), 2008, 35, 151-161.	0.3	5
60	INFLUENCE OF THE TIME OF SAMPLING ON DETECTION OF ESFY PHYTOPLASMA. Acta Horticulturae, 2008, , 435-442.	0.1	1
61	THE APRICOT BREEDING PROGRAMME AT THE HORTICULTURE FACULTY IN LEDNICE. Acta Horticulturae, 2006, , 145-148.	0.1	6
62	SELECTION OF WOODY INDICATORS AND THE OPTIMUM PLANT MATERIAL AND SAMPLING TIME FOR PHYTOPLASMA ESFY DETECTION. Acta Horticulturae, 2006, , 101-106.	0.1	1
63	Detection of phytoplasma ESFY in apricot trees using phloem and petioles. Plant Protection Science, 2005, 41, 132-140.	0.7	5
64	GENETIC RESOURCES OF PRUNUS ARMENIACA L. IN THE CZECH REPUBLIC. Acta Horticulturae, 2004, , 589-592.	0.1	0