

Irina Wjatscheslawowna Mitrofanowa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Viruses infecting main ornamental plants: an overview. <i>Ornamental Horticulture</i> , 2018, 24, 95-102.	1.0	37
2	Interaction of Plum Pox Virus with Specific Colloidal Gold-Labeled Antibodies and Development of Immunochromatographic Assay of the Virus. <i>Biochemistry (Moscow)</i> , 2010, 75, 1393-1403.	1.5	20
3	Micropropagation of <i>Lavandula angustifolia</i> Mill. "Record"™ and "Belyanka"™. <i>Acta Horticulturae</i> , 2017, , 37-42.	0.2	17
4	Occurrence and characterization of plum pox virus strain D isolates from European Russia and Crimea. <i>Archives of Virology</i> , 2016, 161, 425-430.	2.1	15
5	Phytosanitary status of <i>Ficus carica</i> collection orchards in Nikita Botanical Gardens and biotechnology of fig plants regeneration. <i>Acta Horticulturae</i> , 2016, , 303-310.	0.2	14
6	In vitro Regeneration of Clematis Plants in the Nikita Botanical Garden via Somatic Embryogenesis and Organogenesis. <i>Frontiers in Plant Science</i> , 2021, 12, 541171.	3.6	13
7	Morphogenetic, Physiological, and Biochemical Features of <i>Lavandula angustifolia</i> at Long-Term Micropropagation In Vitro. <i>Russian Journal of Plant Physiology</i> , 2019, 66, 326-334.	1.1	12
8	The effect of dinitroaniline and phosphorothioamidate herbicides on polyploidisation in vitro of <i>Nepeta</i> plants. <i>Cell Biology International</i> , 2003, 27, 229-231.	3.0	10
9	Molecular characterization of viruses infecting canna in Russia. <i>European Journal of Plant Pathology</i> , 2017, 149, 923-931.	1.7	10
10	Biotechnology strategy of plant biodiversity conservation in botanical gardens of Russia. <i>Acta Horticulturae</i> , 2020, , 231-238.	0.2	10
11	Features of canna regeneration in vitro and plantlets adaptation in vivo. <i>Acta Horticulturae</i> , 2017, , 447-454.	0.2	9
12	In vitro adventitious shoot regeneration from leaf explants of some apricot cultivars. <i>Ciencia E Agrotecnologia</i> , 2019, 43, .	1.5	9
13	USING BROAD GENETIC DIVERSITY AND IN VITRO CULTURE TO ENHANCE BREEDING OF SOME SUBTROPICAL FRUIT PLANTS. <i>Acta Horticulturae</i> , 2000, , 169-172.	0.2	8
14	Морфологические и физиологические особенности миниатюрных розовых культур "Rise"™ и "Shine"™ при длительном культивировании in vitro и in vivo. <i>Acta Horticulturae</i> , 2018, , 139-144.	0.2	7
15	Morphological and physiological features of the miniature rose cultivar "Rise"™ and "Shine"™ under long time culture in vitro and in vivo. <i>Acta Horticulturae</i> , 2018, , 139-144.	0.2	7
16	Conservation and micropropagation of rare and endemic species in gene pool collections of the Russian Federation. <i>Journal of Biotechnology</i> , 2018, 280, S83-S84.	3.8	7
17	DETECTION AND IDENTIFICATION OF PLUM POX VIRUS ON PRUNUS SPECIES IN CRIMEA. <i>Agriculture and Forestry</i> , 2015, 61, .	0.1	7
18	Clematis plants conservation under in vitro genebank conditions. <i>Acta Horticulturae</i> , 2020, , 167-174.	0.2	7

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19	Highly divergent isolates of chrysanthemum virus B and chrysanthemum virus R infecting chrysanthemum in Russia. PeerJ, 2022, 10, e12607.	2.0	7
20	Three highly divergent groups of Plum pox virus strain D isolates coexist in stone-fruit plantings of Nikita Botanical Gardens, Crimea. Acta Horticulturae, 2017, , 117-122.	0.2	6
21	Some morphological and physiological features of chrysanthemum under in vitro culture. Acta Horticulturae, 2018, , 607-612.	0.2	6
22	Analysis of canna yellow streak virus complete genomes provides evidence of multiple intraspecies recombination events. Journal of Plant Pathology, 2018, 100, 575-580.	1.2	6
23	Realization of <i>Ficus carica</i> L. morphogenic capacity via organogenesis and somatic embryogenesis in vitro. Acta Horticulturae, 2019, , 69-76.	0.2	6
24	Some special features of the conservation of valuable, essential oil rose cultivars: in vitro deposition and cryopreservation. Acta Horticulturae, 2019, , 195-202.	0.2	6
25	ANATOMY FEATURES OF LAVANDULA ANGUSTIFOLIA MILL. AND LAVANDULA HYBRIDA REV. PLANTS IN VITRO. Agriculture and Forestry, 2017, 63, .	0.1	6
26	CLONAL MICROPROPAGATION AND SOME PHYSIOLOGY ASPECTS OF ESSENTIAL OIL ROSES VALUABLE CULTIVARS REGENERATION IN VITRO. Agriculture and Forestry, 2016, 62, .	0.1	6
27	Genetic Diversity of Peach Cultivars from the Collection of the Nikita Botanical Garden Based on SSR Markers. Plants, 2021, 10, 2609.	3.5	6
28	First Report of Moroccan pepper virus on Clematis in Russia and Worldwide. Plant Disease, 2018, 102, 1469.	1.4	5
29	Using in vitro embryo culture for obtaining new breeding forms of peach. Acta Horticulturae, 2020, , 159-166.	0.2	5
30	ADAPTIVENESS OF PROMISING LAVENDER AND LAVANDIN CULTIVARS UNDER in vitro CULTURE AND ex situ. Sel'skokhozyaistvennaya Biologiya, 2018, 53, 539-546.	0.3	5
31	Biotechnological methods of propagation for some rare endemic plant species of the southern Russian flora. Acta Horticulturae, 2020, , 177-184.	0.2	5
32	In vitro propagation and preservation of promising chrysanthemum cultivars and hybrid forms. Acta Horticulturae, 2020, , 139-146.	0.2	5
33	Molecular characterization of Plum pox virus Rec isolates from Russia suggests a new insight into evolution of the strain. Virus Genes, 2018, 54, 328-332.	1.6	4
34	First report of clematis chlorotic mottle virus on clematis in Russia. Journal of Plant Pathology, 2018, 100, 605-605.	1.2	4
35	THE INFLUENCE OF VIRAL STATUS ON POLLEN CHARACTERISTICS OF SOME APRICOT CULTIVARS. Agriculture and Forestry, 2017, 63, .	0.1	4
36	Structural and functional features of leaves in some <i>Ficus carica</i> L. cultivars in situ and in vitro. Acta Horticulturae, 2019, , 409-414.	0.2	3

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37	First Report of Fig Mosaic Virus on Fig in Russia. <i>Plant Disease</i> , 2021, 105, .	1.4	3
38	Ex vitro morphological and anatomical features of lavender and lavandin microplants. <i>Acta Horticulturae</i> , 2020, , 23-30.	0.2	3
39	In vitro direct and indirect regeneration of promising lavandin cultivars. <i>Acta Horticulturae</i> , 2020, , 213-220.	0.2	3
40	Perspectives of apricot breeding in the Nikita Botanical Gardens. <i>Acta Horticulturae</i> , 2020, , 5-12.	0.2	3
41	Use of Biotechnological Methods to Support the Production of New Peach Hybrids. <i>Horticulturae</i> , 2021, 7, 533.	2.8	3
42	Some histological and physiological features of meristemoids formation in canna lily (<i>Canna</i> Æ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	0.2	2
43	Garden roses: results of introduction and selection in Nikita botanical garden. <i>Acta Horticulturae</i> , 2017, , 177-180.	0.2	2
44	Effect of coherent radiation on the morphometric and functional characteristics of valuable lavender and lavandin regenerants in vitro, ex vitro and in vivo. <i>Acta Horticulturae</i> , 2018, , 599-606.	0.2	2
45	Morphophysiological and biochemical characteristics of some Crimean aromatic plants developed in vitro. <i>Acta Horticulturae</i> , 2018, , 101-108.	0.2	2
46	Molecular Analysis of New Crimean Isolates of the Plum Pox Virus. <i>Moscow University Biological Sciences Bulletin</i> , 2020, 75, 77-82.	0.7	2
47	First report of fig cryptic virus on fig in Russia. <i>Journal of Plant Pathology</i> , 2021, 103, 741-741.	1.2	2
48	In vitro Regeneration of <i>Hyssopus officinalis</i> L. and Plant Genetic Similarity. <i>Doklady Biological Sciences</i> , 2021, 499, 109-112.	0.6	2
49	The complete chloroplast genome sequence of cultivated <i>Prunus persica</i> cv. Æ“Sovetskiy”Æ™. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2882-2883.	0.4	2
50	Some features of obtaining new breeding forms of apricot in vitro. <i>Acta Horticulturae</i> , 2020, , 237-242.	0.2	2
51	Detection and partial molecular characterization of viruses infecting chrysanthemum. <i>Acta Horticulturae</i> , 2021, , 321-328.	0.2	2
52	A de novo genome assembly of cultivated <i>Prunus persica</i> cv. Æ“Sovetskiy”Æ™. <i>PLoS ONE</i> , 2022, 17, e0269284.	2.5	2
53	Development of the protocol for protoplast isolation from lavender and lavandin plants cultured In Vitro. <i>Journal of Biotechnology</i> , 2018, 280, S83.	3.8	1
54	Features of in vitro regenerated microshoots from various explants in three persimmon cultivars. <i>Acta Horticulturae</i> , 2019, , 13-18.	0.2	1

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55	Morphological and biological features of <i>Prunus persica</i> (L.) Batsch in connection with the manifestation of viral diseases symptoms. <i>Acta Horticulturae</i> , 2021, , 339-344.	0.2	1
56	Structure of vegetative organs in essential oil rose under standard culture conditions and long-term conservation in vitro. <i>Acta Horticulturae</i> , 2021, , 185-190.	0.2	1
57	In vitro cloned micropropagation and conservation for two cultivars of <i>Diospyros kaki</i> (<i>Diospyros</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 0.3	0.3	1
58	Effect of light intensity on in vitro regeneration in some relict endemic species of the Crimean flora. <i>Acta Horticulturae</i> , 2021, , 27-34.	0.2	1
59	Somatic embryogenesis and organogenesis in some horticultural plants. <i>Acta Horticulturae</i> , 2021, , 1-10.	0.2	1
60	INVESTIGATION OF APRICOT REPRODUCTIVE STRUCTURES, CREATION AND PROPAGATION OF NEW FORMS. <i>Agriculture and Forestry</i> , 2015, 61, .	0.1	1
61	Morpho-anatomical and physiological peculiarities of canna (<i>Canna x hybrida hort. ex Backer, cv. Dar</i>) Tj ETQq1 1 0.784314 rgBT /Ove 2017, 1, 263-268.	0.1	1
62	IN VITRO DERIVATION AND STORAGE CHARACTERISTICS OF CANNA – HYBRIDA HORT. EX BACKER. <i>IzvestiĀĀ Vuzov: PrikladnaĀĀ HimiĀĀ I BiotehnologiĀĀ</i> , 2017, 7, 99-109.	0.3	1
63	SOME MORPHOPHYSIOLOGICAL FEATURES OF LAVANDER CULTIVAR MICROPROPAGATED IN VITRO BY MERISTEM CULTURE. <i>Agriculture and Forestry</i> , 2018, 64, .	0.1	1
64	ADAPTIVE CAPACITY OF SOME LAVANDER AND LAVANDIN CULTIVARSIN VITRO AND IN SITU. <i>Agrofor</i> , 2018, 2, .	0.1	1
65	Structural and functional changes in some species of Lamiaceae family in the process of in vitro genebank development. <i>Acta Horticulturae</i> , 2020, , 175-182.	0.2	1
66	In vitro morphogenesis in endangered plant <i>Seseli lehmannii</i> Degen. <i>Acta Horticulturae</i> , 2020, , 257-264.	0.2	1
67	Comparative Studies of <i>In Vitro</i> Regeneration Capacity in Some Breeding Forms of <i>Prunus persica</i> (L.) Batsch. <i>BIO Web of Conferences</i> , 2020, 24, 00055.	0.2	1
68	Morpho-anatomical characterization of in vitro regenerated plants. , 2022, , 175-204.		1
69	Creation of in vitro germplasm collection of common fig in the Nikita Botanical Gardens. <i>Acta Horticulturae</i> , 2021, , 7-14.	0.2	0
70	Morphological and anatomical changes in leaves of some <i>Ficus carica</i> L. cultivars damaged with viral diseases. <i>Acta Horticulturae</i> , 2021, , 261-266.	0.2	0
71	Development of protoplast isolation method in some cultivars of <i>Ficus carica</i> as crucial stage for implementation of single-cell RNA-seq technology in plant investigation. <i>Acta Horticulturae</i> , 2021, , 41-48.	0.2	0
72	Structural features of vegetative organs in some <i>Ficus carica</i> L. cultivars cultured in vitro. <i>Acta Horticulturae</i> , 2021, , 47-52.	0.2	0

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73	In vitro conservation of essential oil rose cultivars. Acta Horticulturae, 2021, , 71-76.	0.2	0
74	Aconitum lasiostomum Reichenb. ex Bess. is a promising plant for biotechnology research. Acta Horticulturae, 2021, , 47-54.	0.2	0
75	Structure of the leaf blades of some in vitro cultured horticultural plants. Acta Horticulturae, 2021, , 95-100.	0.2	0
76	Some structural and biochemical features of clematis plants in vitro. Acta Horticulturae, 2021, , 151-158.	0.2	0
77	Some biological features of lavender and lavandin in relation with virus infection. Acta Horticulturae, 2021, , 173-178.	0.2	0
78	Features of induction of morphogenesis in vitro in some species of genus Potentilla. Biologija (Vilnius, Lithuania), 2014, 59, .	0.2	0
79	INVENTORY AND BIOECOLOGICAL ASSESSMENT OF DENDROLOGIC COLLECTION OF NIKITA BOTANICAL GARDENS. Agriculture and Forestry, 2015, 61, .	0.1	0
80	Physiological and biochemical characteristics of persimmon varieties under various conditions of cultivation. Horticulture and Viticulture, 2019, , 10-15.	0.3	0
81	Apricot breeding for tolerance to Plum pox potyvirus in Nikita Botanical Gardens. Horticulture and Viticulture, 2020, , 5-13.	0.3	0
82	Morphological, anatomical and physiological features of assimilation apparatus changes in <i>Prunus armeniaca</i> L. infected by <i>Plum pox virus</i> . Acta Horticulturae, 2020, , 203-208.	0.2	0
83	Influence of the temperature factor on regeneration features of <i>Silene Jailensis</i> N.I. Rubtzov and <i>Crepis Purpurea</i> (Willd.) M. Bieb. and the content of phenolic substances in vitro. Bulletin of the State Nikita Botanical Gardens, 2020, , 87-96.	0.1	0
84	The quality of the DNA isolated from <i>Lavandula angustifolia</i> leaves. Acta Horticulturae, 2020, , 563-568.	0.2	0
85	Productivity peach cultivars bred and introduced at the Nikita Botanical Garden. Proceedings of the Kuban State Agrarian University, 2020, 1, 243-250.	0.1	0
86	Some morphological and biological features of apricot cultivars from field collection of the Nikita botanical gardens. Acta Horticulturae, 2020, , 227-236.	0.2	0
87	Comparative analysis of the DNA isolated from thyme leaves using different methods. Proceedings on Applied Botany, Genetics and Breeding, 2020, 181, 155-162.	0.6	0