Irina Wjatscheslawowna Mitrofanowa

List of Publications by Year
in descending order

87 papers	370 citations	1039406 9 h-index	1058022 14 g-index
89 all docs	89 docs citations	89 times ranked	148 citing authors

#	Article	IF	Citations
1	Viruses infecting main ornamental plants: an overview. Ornamental Horticulture, 2018, 24, 95-102.	0.4	37
2	Interaction of Plum Pox Virus with Specific Colloidal Gold-Labeled Antibodies and Development of Immunochromatographic Assay of the Virus. Biochemistry (Moscow), 2010, 75, 1393-1403.	0.7	20
3	Micropropagation ofLavandula angustifoliaMill. â€˜Recordâ€™ and â€˜Belyankaâ€™. Acta Horticulturae, 2017, , 37-42.	0.1	17
4	Occurrence and characterization of plum pox virus strain D isolates from European Russia and Crimea. Archives of Virology, 2016, 161, 425-430.	0.9	15
5	Phytosanitary status ofFicus caricacollection orchards in Nikita Botanical Gardens and biotechnology of fig plants regeneration. Acta Horticulturae, 2016, , 303-310.	0.1	14
6	In vitro Regeneration of Clematis Plants in the Nikita Botanical Garden via Somatic Embryogenesis and Organogenesis. Frontiers in Plant Science, 2021, 12, 541171.	1.7	13
7	Morphogenetic, Physiological, and Biochemical Features of Lavandula angustifolia at Long-Term Micropropagation In Vitro. Russian Journal of Plant Physiology, 2019, 66, 326-334.	0.5	12
8	The effect of dinitroaniline and phosphorothioamidate herbicides on polyploidisation in vitro of Nepeta plants. Cell Biology International, 2003, 27, 229-231.	1.4	10
9	Molecular characterization of viruses infecting canna in Russia. European Journal of Plant Pathology, 2017, 149, 923-931.	0.8	10
10	Biotechnology strategy of plant biodiversity conservation in botanical gardens of Russia. Acta Horticulturae, 2020, , 231-238.	0.1	10
11	Features of canna regeneration in vitro and plantlets adaptation in vivo. Acta Horticulturae, 2017, , 447-454.	0.1	9
12	In vitro adventitious shoot regeneration from leaf explants of some apricot cultivars. Ciencia E Agrotecnologia, 2019, 43, .	1.5	9
13	USING BROAD GENETIC DIVERSITY AND IN VITRO CULTURE TO ENHANCE BREEDING OF SOME SUBTROPICAL FRUIT PLANTS. Acta Horticulturae, 2000, , 169-172.	0.1	8
14	ÐÐ”ÐÐŸÐ¢ÐÐ¦Ð¯ÐžÐÐÐÐ¯ Ð¡ÐŸÐžÐ¡ÐžÐ‘ÐÐžÐ¡Ð¢Ð¬ ÐŸÐ•ÐÐ¡ÐŸÐ•ÐšÐ¢Ð¯ÐÐ«Ð¥ Ð¡ÐžÐÐ¢ÐžÐ’ Ð›ÐÐ’ÐÐÐ”Ð¬ Ð¯ Ð›ÐÐ’ÐÐÐ”Ð¯		
15	Morphological and physiological features of the miniature rose cultivar â€˜Riseâ€™nâ€™Shineâ€™ under long time culture in vitro and in vivo. Acta Horticulturae, 2018, , 139-144.	0.1	7
16	Conservation and micropropagation of rare and endemic species in genepool collections of the Russian Federation. Journal of Biotechnology, 2018, 280, S83-S84.	1.9	7
17	DETECTION AND IDENTIFICATION OF PLUM POX VIRUS ON PRUNUS SPECIES IN CRIMEA. Agriculture and Forestry, 2015, 61, .	0.0	7
18	Clematis plants conservation under in vitro genebank conditions. Acta Horticulturae, 2020, , 167-174.	0.1	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.	0.9	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.	0.1	6
21	Some morphological and physiological features of chrysanthemum under in vitro culture. Acta Horticulturae, 2018, , 607-612.	0.1	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.	0.6	6
23	Realization of Ficus carica L. morphogenic capacity via organogenesis and somatic embryogenesis in vitro. Acta Horticulturae, 2019, , 69-76.	0.1	6
24	Some special features of the conservation of valuable, essential oil rose cultivars: in vitro deposition and cryopreservation. Acta Horticulturae, 2019, , 195-202.	0.1	6
25	ANATOMY FEATURES OF LAVANDULA ANGUSTIFOLIA MILL. AND LAVANDULA HYBRIDA REV. PLANTS IN VITRO. Agriculture and Forestry, 2017, 63, .	0.0	6
26	CLONAL MICROPROPAGATION AND SOME PHYSIOLOGY ASPECTS OF ESSENTIAL OIL ROSES VALUABLE CULTIVARS REGENERATION IN VITRO. Agriculture and Forestry, 2016, 62, .	0.0	6
27	Genetic Diversity of Peach Cultivars from the Collection of the Nikita Botanical Garden Based on SSR Markers. Plants, 2021, 10, 2609.	1.6	6
28	First Report of Moroccan pepper virus on Clematis in Russia and Worldwide. Plant Disease, 2018, 102, 1469.	0.7	5
29	Using in vitro embryo culture for obtaining new breeding forms of peach. Acta Horticulturae, 2020, , 159-166.	0.1	5
30	ADAPTIVENESS OF PROMISING LAVENDER AND LAVANDIN CULTIVARS UNDER in vitro CULTURE AND ex situ. Sel'skokhozyaistvennaya Biologiya, 2018, 53, 539-546.	0.1	5
31	Biotechnological methods of propagation for some rare endemic plant species of the southern Russian flora. Acta Horticulturae, 2020, , 177-184.	0.1	5
32	In vitro propagation and preservation of promising chrysanthemum cultivars and hybrid forms. Acta Horticulturae, 2020, , 139-146.	0.1	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.	0.7	4
34	First report of clematis chlorotic mottle virus on clematis in Russia. Journal of Plant Pathology, 2018, 100, 605-605.	0.6	4
35	THE INFLUENCE OF VIRAL STATUS ON POLLEN CHARACTERISTICS OF SOME APRICOT CULTIVARS. Agriculture and Forestry, 2017, 63, .	0.0	4
36	Structural and functional features of leaves in some Ficus carica L. cultivars in situ and in vitro. Acta Horticulturae, 2019, , 409-414.	0.1	3

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37	First Report of Fig Mosaic Virus on Fig in Russia. Plant Disease, 2021, 105, .	0.7	3
38	Ex vitro morphological and anatomical features of lavender and lavandin microplants. Acta Horticulturae, 2020, , 23-30.	0.1	3
39	In vitro direct and indirect regeneration of promising lavandin cultivars. Acta Horticulturae, 2020, , 213-220.	0.1	3
40	Perspectives of apricot breeding in the Nikita Botanical Gardens. Acta Horticulturae, 2020, , 5-12.	0.1	3
41	Use of Biotechnological Methods to Support the Production of New Peach Hybrids. Horticulturae, 2021, 7, 533.	1.2	3
42	Some histological and physiological features of meristemoids formation in canna lily (Canna Ã—) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.1	2
43	Garden roses: results of introduction and selection in Nikita botanical garden. Acta Horticulturae, 2017, , 177-180.	0.1	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. Acta Horticulturae, 2018, , 599-606.	0.1	2
45	Morphophysiological and biochemical characteristics of some Crimean aromatic plants developed in vitro. Acta Horticulturae, 2018, , 101-108.	0.1	2
46	Molecular Analysis of New Crimean Isolates of the Plum Pox Virus. Moscow University Biological Sciences Bulletin, 2020, 75, 77-82.	0.1	2
47	First report of fig cryptic virus on fig in Russia. Journal of Plant Pathology, 2021, 103, 741-741.	0.6	2
48	In vitro Regeneration of Hyssopus officinalis L. and Plant Genetic Similarity. Doklady Biological Sciences, 2021, 499, 109-112.	0.2	2
49	The complete chloroplast genome sequence of cultivated Prunus persica cv. â€˜Sovetskiyâ€™. Mitochondrial DNA Part B: Resources, 2021, 6, 2882-2883.	0.2	2
50	Some features of obtaining new breeding forms of apricot in vitro. Acta Horticulturae, 2020, , 237-242.	0.1	2
51	Detection and partial molecular characterization of viruses infecting chrysanthemum. Acta Horticulturae, 2021, , 321-328.	0.1	2
52	A de novo genome assembly of cultivated Prunus persica cv. â€˜Sovetskiyâ€™. PLoS ONE, 2022, 17, e0269284.	1.1	2
53	Development of the protocol for protoplast isolation from lavender and lavandin plants cultured In Vitro. Journal of Biotechnology, 2018, 280, S83.	1.9	1
54	Features of in vitro regenerated microshoots from various explants in three persimmon cultivars. Acta Horticulturae, 2019, , 13-18.	0.1	1

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55	Morphological and biological features of Prunus persica (L.) Batsch in connection with the manifestation of viral diseases symptoms. Acta Horticulturae, 2021, , 339-344.	0.1	1
56	Structure of vegetative organs in essential oil rose under standard culture conditions and long-term conservation in vitro. Acta Horticulturae, 2021, , 185-190.	0.1	1
57	In vitro cloned micropropagation and conservation for two cultivars of Diospyros kaki (Diospyros) Tj ETQq1 1 0.784314 rgBT /Overloc	0.1	1
58	Effect of light intensity on in vitro regeneration in some relict endemic species of the Crimean flora. Acta Horticulturae, 2021, , 27-34.	0.1	1
59	Somatic embryogenesis and organogenesis in some horticultural plants. Acta Horticulturae, 2021, , 1-10.	0.1	1
60	INVESTIGATION OF APRICOT REPRODUCTIVE STRUCTURES, CREATION AND PROPAGATION OF NEW FORMS. Agriculture and Forestry, 2015, 61, .	0.0	1
61	Morpho-anatomical and physiological peculiarities of canna (Canna x hybrida hort. ex Backer, cv. Dar) Tj ETQq1 1 0.784314 rgBT /Ove 2017, 1, 263-268.	0.0	1
62	IN VITRO DERIVATION AND STORAGE CHARACTERISTICS OF CANNA Ã— HYBRIDA HORT. EX BACKER. IzvestiÃ¢ Vuzov: PrikladnaÃ¢ HimiÃ¢ I BiotehnologiÃ¢, 2017, 7, 99-109.	0.1	1
63	SOME MORPHOPHYSIOLOGICAL FEATURES OF LAVANDER CULTIVAR MICROPROPAGATED IN VITRO BY MERISTEM CULTURE. Agriculture and Forestry, 2018, 64, .	0.0	1
64	ADAPTIVE CAPACITY OF SOME LAVENDER AND LAVANDIN CULTIVARSIN VITRO AND IN SITU. Agrofor, 2018, 2, .	0.1	1
65	Structural and functional changes in some species of Lamiaceae family in the process of in vitro genebank development. Acta Horticulturae, 2020, , 175-182.	0.1	1
66	In vitro morphogenesis in endangered plant Seseli lehmannii Degen. Acta Horticulturae, 2020, , 257-264.	0.1	1
67	Comparative Studies of In Vitro Regeneration Capacity in Some Breeding Forms of Prunus persica (L.) Batsch. BIO Web of Conferences, 2020, 24, 00055.	0.1	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. Acta Horticulturae, 2021, , 7-14.	0.1	0
70	Morphological and anatomical changes in leaves of some Ficus carica L. cultivars damaged with viral diseases. Acta Horticulturae, 2021, , 261-266.	0.1	0
71	Development of protoplast isolation method in some cultivars of Ficus carica as crucial stage for implementation of single-cell RNA-seq technology in plant investigation. Acta Horticulturae, 2021, , 41-48.	0.1	0
72	Structural features of vegetative organs in some Ficus carica L. cultivars cultured in vitro. Acta Horticulturae, 2021, , 47-52.	0.1	0

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73	In vitro conservation of essential oil rose cultivars. Acta Horticulturae, 2021, , 71-76.	0.1	0
74	Aconitum lasiostomum Reichenb. ex Bess. is a promising plant for biotechnology research. Acta Horticulturae, 2021, , 47-54.	0.1	0
75	Structure of the leaf blades of some in vitro cultured horticultural plants. Acta Horticulturae, 2021, , 95-100.	0.1	0
76	Some structural and biochemical features of clematis plants in vitro. Acta Horticulturae, 2021, , 151-158.	0.1	0
77	Some biological features of lavender and lavandin in relation with virus infection. Acta Horticulturae, 2021, , 173-178.	0.1	0
78	Features of induction of morphogenesis inÂvitro in some species of genus PotentillaÂL.. Biologija (Vilnius, Lithuania), 2014, 59, .	0.3	0
79	INVENTORY AND BIOECOLOGICAL ASSESSMENT OF DENDROLOGIC COLLECTION OF NIKITA BOTANICAL GARDENS. Agriculture and Forestry, 2015, 61, .	0.0	0
80	Physiological and biochemical characteristics of persimmon varieties under various conditions of cultivation. Horticulture and Viticulture, 2019, , 10-15.	0.0	0
81	Apricot breeding for tolerance to Plum pox potyvirus in Nikita Botanical Gardens. Horticulture and Viticulture, 2020, , 5-13.	0.0	0
82	Morphological, anatomical and physiological features of assimilation apparatus changes in Prunus armeniaca L. infected by Plum pox virus. Acta Horticulturae, 2020, , 203-208.	0.1	0
83	Influence of the temperature factor on regeneration features of Silene Jailensis N.I. Rubtzov and Crepis Purpurea (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 Lavandula angustifolia leaves. Acta Horticulturae, 2020, , 563-568.	0.1	0
85	Productivity peach cultivars bred and introduced at the Nikita Botanical Garden. Proceedings of the Kuban State Agrarian University, 2020, 1, 243-250.	0.0	0
86	Some morphological and biological features of apricot cultivars from field collection of the Nikita botanical gardens. Acta Horticulturae, 2020, , 227-236.	0.1	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.	0.1	0