

Natalia P Kolosova

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

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citations

516710

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454955

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	(E)- β -Ocimene and Myrcene Synthase Genes of Floral Scent Biosynthesis in Snapdragon: Function and Expression of Three Terpene Synthase Genes of a New Terpene Synthase Subfamily. <i>Plant Cell</i> , 2003, 15, 1227-1241.	6.6	397
2	Developmental Regulation of Methyl Benzoate Biosynthesis and Emission in Snapdragon Flowers. <i>Plant Cell</i> , 2000, 12, 949-961.	6.6	279
3	Regulation of Circadian Methyl Benzoate Emission in Diurnally and Nocturnally Emitting Plants. <i>Plant Cell</i> , 2001, 13, 2333-2347.	6.6	215
4	Genomics of hybrid poplar (<i>Populus trichocarpa</i> × <i>P. deltoides</i>) interacting with forest tent caterpillars (<i>Malacosoma disstria</i>): normalized and full-length cDNA libraries, expressed sequence tags, and a cDNA microarray for the study of insect-induced defences. <i>Molecular Ecology</i> , 2006, 15, 1275-1297.	3.9	183
5	Isolation of high-quality RNA from gymnosperm and angiosperm trees. <i>BioTechniques</i> , 2004, 36, 821-824.	1.8	148
6	Cellular and Subcellular Localization of S-Adenosyl-L-Methionine:Benzoic Acid Carboxyl Methyltransferase, the Enzyme Responsible for Biosynthesis of the Volatile Ester Methylbenzoate in Snapdragon Flowers. <i>Plant Physiology</i> , 2001, 126, 956-964.	4.8	138
7	A conifer genomics resource of 200,000 spruce (<i>Picea</i> spp.) ESTs and 6,464 high-quality, sequence-finished full-length cDNAs for Sitka spruce (<i>Picea sitchensis</i>). <i>BMC Genomics</i> , 2008, 9, 484.	2.8	113
8	Whole plastome sequencing reveals deep plastid divergence and cytonuclear discordance between closely related balsam poplars, <i>Populus balsamifera</i> and <i>Populus trichocarpa</i> (Salicaceae). <i>New Phytologist</i> , 2014, 204, 693-703.	7.3	105
9	Purification and Characterization of S-Adenosyl-methionine:Benzoic Acid Carboxyl Methyltransferase, the Enzyme Responsible for Biosynthesis of the Volatile Ester Methyl Benzoate in Flowers of <i>Antirrhinum majus</i> . <i>Archives of Biochemistry and Biophysics</i> , 2000, 382, 145-151.	3.0	90
10	Isolation of clade 2.3.4.4b A(H5N8), a highly pathogenic avian influenza virus, from a worker during an outbreak on a poultry farm, Russia, December 2020. <i>Eurosurveillance</i> , 2021, 26, .	7.0	72
11	Novel S-adenosyl-L-methionine:salicylic acid carboxyl methyltransferase, an enzyme responsible for biosynthesis of methyl salicylate and methyl benzoate, is not involved in floral scent production in snapdragon flowers. <i>Archives of Biochemistry and Biophysics</i> , 2002, 406, 261-270.	3.0	71
12	Cuticle characteristics and volatile emissions of petals in <i>Antirrhinum majus</i> . <i>Physiologia Plantarum</i> , 2003, 117, 435-443.	5.2	70
13	Analysis of 4,664 high-quality sequence-finished poplar full-length cDNA clones and their utility for the discovery of genes responding to insect feeding. <i>BMC Genomics</i> , 2008, 9, 57.	2.8	68
14	Influenza A(H5N8) virus isolation in Russia, 2014. <i>Archives of Virology</i> , 2015, 160, 2857-2860.	2.1	42
15	Isolation and characterization of H5Nx highly pathogenic avian influenza viruses of clade 2.3.4.4 in Russia. <i>Virology</i> , 2018, 525, 216-223.	2.4	28
16	Fatal Cases of Seasonal Influenza in Russia in 2015–2016. <i>PLoS ONE</i> , 2016, 11, e0165332.	2.5	19
17	Cloning and characterization of chitinases from interior spruce and lodgepole pine. <i>Phytochemistry</i> , 2014, 101, 32-39.	2.9	15
18	Severe cases of seasonal influenza in Russia in 2017-2018. <i>PLoS ONE</i> , 2019, 14, e0220401.	2.5	14

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19	Humoral immunity to influenza in an at-risk population and severe influenza cases in Russia in 2016â€“2017. Archives of Virology, 2018, 163, 2675-2685.	2.1	13
20	Highly pathogenic influenza H5N1 virus of clade 2.3.2.1c in Western Siberia. Archives of Virology, 2016, 161, 1645-1649.	2.1	8
21	Regulation of Circadian Methyl Benzoate Emission in Diurnally and Nocturnally Emitting Plants. Plant Cell, 2001, 13, 2333.	6.6	5
22	Severe cases of seasonal influenza and detection of seasonal A(H1N2) in Russia in 2018â€“2019. Archives of Virology, 2020, 165, 2045-2051.	2.1	5
23	Evaluation of HA-D222G/N polymorphism using targeted NGS analysis in A(H1N1)pdm09 influenza virus in Russia in 2018â€“2019. PLoS ONE, 2021, 16, e0251019.	2.5	5
24	An influenza A(H5N8) virus isolated during an outbreak at a poultry farm in Russia in 2017 has an N294S substitution in the neuraminidase and shows reduced susceptibility to oseltamivir. Antiviral Research, 2021, 191, 105079.	4.1	5
25	Herd immunity and fatal cases of influenza among the population exposed to poultry and wild birds in Russian Asia in 2013â€“2014. Journal of Medical Virology, 2016, 88, 35-44.	5.0	4
26	Genetic Characterization of Avian Influenza A(H5N6) Virus Clade 2.3.4.4, Russia, 2018. Emerging Infectious Diseases, 2019, 25, 2338-2339.	4.3	4
27	Severe and Fatal Influenza Cases in Russia in 2014-2015. OnLine Journal of Biological Sciences, 2016, 16, 184-192.	0.4	1
28	Intranasal immunization of guinea pig with trivalent influenza antigen adjuvanted by Cyclamen europaeum tubers extract. Archives of Virology, 2019, 164, 243-247.	2.1	1
29	Comparative thermostability analysis of zoonotic and human influenza virus A and B neuraminidase. Archives of Virology, 2020, 165, 201-206.	2.1	1
30	Authorsâ€™ response: Sequencing bias for residue 28 of the neuraminidase of the recent highly pathogenic avian influenza virus A(H5N8). Eurosurveillance, 2021, 26, .	7.0	0