

# Olga P Onishchuk

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

221  
citations

1163117

8  
h-index

1125743

13  
g-index

37  
all docs

37  
docs citations

37  
times ranked

212  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | IDENTIFICATION OF THE ANCESTRAL CHARACTERISTICS IN THE GENOME OF <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> . <i>Sel'skokhozyaistvennaya Biologiya</i> , 2020, 55, 489-498.  | 0.3 | 0         |
| 2  | <i>Rhizobia</i> Isolated from the Relict Legume <i>Vavilovia formosa</i> Represent a Genetically Specific Group within <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> . <i>Genes</i> , 2019, 10, 991.                                       | 2.4 | 10        |
| 3  | Ecological and genetic bases for construction of highly effective nitrogen-fixing microbe-plant symbioses. <i>Ecological Genetics</i> , 2019, 17, 11-18.   | 0.5 | 4         |
| 4  | Microbial Symbionts of Insects: Genetic Organization, Adaptive Role, and Evolution. <i>Microbiology</i> , 2018, 87, 151-163.   | 1.2 | 6         |
| 5  | Proteomic Profile of the Bacterium <i>Sinorhizobium meliloti</i> Depends on Its Life Form and Host Plant Species. <i>Molecular Biology</i> , 2018, 52, 779-785.  | 1.3 | 1         |
| 6  | The Melanin Biosynthesis Gene from the CA15-1 Strain of Alfalfa Nodule Bacteria: Molecular Analysis and Phylogeny. <i>Russian Journal of Genetics</i> , 2018, 54, 925-932.   | 0.6 | 4         |
| 7  | Divergent Evolution of Symbiotic Bacteria: <i>Rhizobia</i> of the Relic Legume <i>Vavilovia formosa</i> Form an Isolated Group within <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> . <i>Russian Journal of Genetics</i> , 2018, 54, 866-870. | 0.6 | 5         |
| 8  | EVOLUTIONARY-GENETIC BASES FOR SYMBIOTIC ENGINEERING IN PLANTS – a mini review. <i>Sel'skokhozyaistvennaya Biologiya</i> , 2018, 53, 464-474.  | 0.3 | 1         |
| 9  | Forms of natural selection controlling the genomic evolution in nodule bacteria. <i>Russian Journal of Genetics</i> , 2017, 53, 411-419.   | 0.6 | 6         |
| 10 | Nodulation competitiveness of nodule bacteria: Genetic control and adaptive significance: Review. <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 131-139.  | 0.9 | 18        |
| 11 | <i>Microvirga ossetica</i> sp. nov., a species of <i>rhizobia</i> isolated from root nodules of the legume species <i>Vicia alpestris</i> Steven. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 94-100.   | 1.7 | 34        |
| 12 | IMPACTS OF INOCULATION WITH <i>Sinorhizobium meliloti</i> STRAINS DIFFERING IN SALT TOLERANCE ON THE PRODUCTIVITY AND HABITUS OF ALFALFA ( <i>Medicago sativa</i> L.). <i>Sel'skokhozyaistvennaya Biologiya</i> , 2016, 51, 343-350.             | 0.3 | 3         |
| 13 | Identification of new genes of nodule bacteria <i>Sinorhizobium meliloti</i> involved in the control of efficiency of symbiosis with alfalfa <i>Medicago sativa</i> . <i>Russian Journal of Genetics: Applied Research</i> , 2015, 5, 126-131.   | 0.4 | 9         |
| 14 | POPULATION POLYMORPHISM OF THE ALFALFA NODULE BACTERIA ( <i>Sinorhizobium meliloti</i> ) FOR THE GENES ENCODING FOR SYMBIOTIC EFFICIENCY AND COMPETITIVENESS. <i>Sel'skokhozyaistvennaya Biologiya</i> , 2015, 50, 339-344.                      | 0.3 | 0         |
| 15 | SELECTION OF SALT TOLERANT ALFALFA ( <i>Medicago</i> L.) PLANTS FROM DIFFERENT VARIETIES AND THEIR MORFOLOGICAL AND SYMBIOTIC PROPERTIES ANALYSIS. <i>Sel'skokhozyaistvennaya Biologiya</i> , 2015, 50, 673-684.                                 | 0.3 | 1         |
| 16 | Construction of highly-effective symbiotic bacteria: Evolutionary models and genetic approaches. <i>Russian Journal of Genetics</i> , 2014, 50, 1125-1136.   | 0.6 | 11        |
| 17 | Population structure of the clover <i>rhizobia</i> <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> upon transition from soil into the nodular niche. <i>Microbiology</i> , 2014, 83, 422-429.   | 1.2 | 4         |
| 18 | Influence of salt stress on the genetically polymorphic system of <i>Sinorhizobium meliloti</i> - <i>Medicago truncatula</i> . <i>Russian Journal of Genetics</i> , 2014, 50, 677-685.   | 0.6 | 1         |

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|----|--|-----|-----------|
| 19 | Factor analysis of interactions between alfalfa nodule bacteria ( <i>Sinorhizobium meliloti</i> ) genes that regulate symbiotic nitrogen fixation. <i>Russian Journal of Genetics</i> , 2013, 49, 388-393.         | 0.6 | 3         |
| 20 | Comigration of root nodule bacteria and bean plants to new habitats: Coevolution mechanisms and practical importance. <i>Applied Biochemistry and Microbiology</i> , 2013, 49, 209-214.                            | 0.9 | 2         |
| 21 | Genetic structure of the introduced and local populations of <i>Rhizobium leguminosarum</i> in plant-soil systems. <i>Microbiology</i> , 2012, 81, 224-232.  | 1.2 | 5         |
| 22 | Symbiotic activity of alfalfa rhizobia ( <i>Sinorhizobium meliloti</i> ) strains with genetically modified transport of dicarboxylic acids. <i>Russian Journal of Genetics: Applied Research</i> , 2011, 1, 89-96. | 0.4 | 1         |
| 23 | Polymorphism of <i>Sinorhizobium meliloti</i> strains isolated from diversity centers of alfalfa in various soil and climatic conditions. <i>Russian Journal of Genetics: Applied Research</i> , 2011, 1, 97-102.  | 0.4 | 4         |
| 24 | Symbiosis between the root-nodule bacterium <i>Sinorhizobium meliloti</i> and alfalfa ( <i>Medicago sativa</i> ) under salinization conditions. <i>Microbiology</i> , 2006, 75, 77-81.                             | 1.2 | 24        |
| 25 | Identification of <i>Sinorhizobium meliloti</i> Genes Influencing Synthesis of Surface Polysaccharides and Competitiveness. <i>Russian Journal of Genetics</i> , 2005, 41, 1337-1342.                              | 0.6 | 3         |
| 26 | Instability of Cryptic Plasmids in Strain <i>Sinorhizobium meliloti</i> P108 in the Course of Symbiosis with Alfalfa <i>Medicago sativa</i> . <i>Russian Journal of Genetics</i> , 2004, 40, 356-362.              | 0.6 | 8         |
| 27 | Title is missing!. <i>Russian Journal of Genetics</i> , 2001, 37, 1266-1271.   | 0.6 | 5         |
| 28 | Isolation and characterization of <i>Rhizobium meliloti</i> Tn5 mutants showing enhanced symbiotic effectiveness. <i>Microbiology (United Kingdom)</i> , 1994, 140, 463-470.                                       | 1.8 | 18        |
| 29 | Isolation and characterization of the <i>Rhizobium meliloti</i> Tn5-mutants with impaired nodulation competitiveness. <i>Plant and Soil</i> , 1994, 167, 267-274.  | 3.7 | 16        |