# Olga P Onishchuk

List of Publications by Year
in descending order



| 29 | 221 | 1163117 8 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 37 | 37 | 37 | 212 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Microvirga ossetica sp. nov., a species of rhizobia isolated from root nodules of the legume species Vicia alpestris Steven. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 94-100. | 1.7 | 34 |
| 2 | Symbiosis between the root-nodule bacterium Sinorhizobium meliloti and alfalfa (Medicago sativa) under salinization conditions. Microbiology, 2006, 75, 77-81. | 1.2 | 24 |
| 3 | Isolation and characterization of Rhizobium meliloti Tn5 mutants showing enhanced symbiotic effectiveness. Microbiology (United Kingdom), 1994, 140, 463-470. | 1.8 | 18 |
| 4 | Nodulation competitiveness of nodule bacteria: Genetic control and adaptive significance: Review. Applied Biochemistry and Microbiology, 2017, 53, 131-139. | 0.9 | 18 |
| 5 | Isolation and characterization of the Rhizobium meliloti Tn5-mutants with impaired nodulation competitiveness. Plant and Soil, 1994, 167, 267-274. | 3.7 | 16 |
| 6 | Construction of highly-effective symbiotic bacteria: Evolutionary models and genetic approaches. Russian Journal of Genetics, 2014, 50, 1125-1136. | 0.6 | 11 |
| 7 | Rhizobia Isolated from the Relict Legume Vavilovia formosa Represent a Genetically Specific Group within Rhizobium leguminosarum biovar viciae. Genes, 2019, 10, 991. | 2.4 | 10 |
| 8 | Identification of new genes of nodule bacteria Sinorhizobium meliloti involved in the control of efficiency of symbiosis with alfalfa Medicago sativa. Russian Journal of Genetics: Applied Research, 2015, 5, 126-131. | 0.4 | 9 |
| 9 | Instability of Cryptic Plasmids in Strain Sinorhizobium meliloti P108 in the Course of Symbiosis with Alfalfa Medicago sativa. Russian Journal of Genetics, 2004, 40, 356-362. | 0.6 | 8 |
| 10 | Forms of natural selection controlling the genomic evolution in nodule bacteria. Russian Journal of Genetics, 2017, 53, 411-419. | 0.6 | 6 |
| 11 | Microbial Symbionts of Insects: Genetic Organization, Adaptive Role, and Evolution. Microbiology, 2018, 87, 151-163. | 1.2 | 6 |
| 12 | Title is missing!. Russian Journal of Genetics, 2001, 37, 1266-1271. | 0.6 | 5 |
| 13 | Genetic structure of the introduced and local populations of Rhizobioum leguminosarum in plant-soil systems. Microbiology, 2012, 81, 224-232. | 1.2 | 5 |
| 14 | Divergent Evolution of Symbiotic Bacteria: Rhizobia of the Relic Legume Vavilovia formosa Form an Isolated Group within Rhizobium leguminosarum bv. viciae. Russian Journal of Genetics, 2018, 54, 866-870. | 0.6 | 5 |
| 15 | Polymorphism of Sinorhizobium meliloti strains isolated from diversity centers of alfalfa in various soil and climatic conditions. Russian Journal of Genetics: Applied Research, 2011, 1, 97-102. | 0.4 | 4 |
| 16 | Population structure of the clover rhizobia Rhizobium leguminosarum bv. trifolii upon transition from soil into the nodular niche. Microbiology, 2014, 83, 422-429. | 1.2 | 4 |
| 17 | The Melanin Biosynthesis Gene from the CA15-1 Strain of Alfalfa Nodule Bacteria: Molecular Analysis and Phylogeny. Russian Journal of Genetics, 2018, 54, 925-932. | 0.6 | 4 |
| 18 | Ecological and genetic bases for construction of highly effective nitrogen-fixing microbe-plant symbioses. Ecological Genetics, 2019, 17, 11-18. | 0.5 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Identification of Sinorhizobium meliloti Genes Influencing Synthesis of Surface Polysaccharides and Competitiveness. Russian Journal of Genetics, 2005, 41, 1337-1342. | 0.6 | 3 |
| 20 | Factor analysis of interactions between alfalfa nodule bacteria (Sinorhizobium meliloti) genes that regulate symbiotic nitrogen fixation. Russian Journal of Genetics, 2013, 49, 388-393. | 0.6 | 3 |
| 21 | IMPACTS OF INOCULATION WITH Sinorhizobium meliloti STRAINS DIFFERING IN SALT TOLERANCE ON THE PRODUCTIVITY AND HABITUS OF ALFALFA (Medicago sativa L.). Sel'skokhozyaistvennaya Biologiya, 2016, 51, 343-350. | 0.3 | 3 |
| 22 | Comigration of root nodule bacteria and bean plants to new habitats: Coevolution mechanisms and practical importance. Applied Biochemistry and Microbiology, 2013, 49, 209-214. | 0.9 | 2 |
| 23 | Symbiotic activity of alfalfa rhizobia (Sinorhizobium meliloti) strains with genetically modified transport of dicarboxylic acids. Russian Journal of Genetics: Applied Research, 2011, 1, 89-96. | 0.4 | 1 |
| 24 | Influence of salt stress on the genetically polymorphic system of Sinorhizobium meliloti-Medicago truncatula. Russian Journal of Genetics, 2014, 50, 677-685. | 0.6 | 1 |
| 25 | Proteomic Profile of the Bacterium Sinorhizobium meliloti Depends on Its Life Form and Host Plant Species. Molecular Biology, 2018, 52, 779-785. | 1.3 | 1 |
| 26 | EVOLUTIONARY-GENETIC BASES FOR SYMBIOTIC ENGINEERING IN PLANTS â€" a mini review. Sel'skokhozyaistvennaya Biologiya, 2018, 53, 464-474. | 0.3 | 1 |
| 27 | SELECTION OF SALT TOLERANT ALFALFA (Medicago L.) PLANTSFROM DIFFERENT VARIETIES AND THEIR MORFO BIOLOGICAL AND SYMBIOTIC PROPERTIES ANALYSIS. Sel'skokhozyaistvennaya Biologiya, 2015, 50, 673-684. | 0.3 | 1 |
| 28 | POPULATION POLYMORPHISM OF THE ALFALFA NODULE BACTERIA (Sinorhizobium meliloti) FOR THE GENES ENCODING FOR SYMBIOTIC EFFICIENCY AND COMPETITIVENESS. Sel'skokhozyaistvennaya Biologiya, 2015, 50, 339-344. | 0.3 | 0 |
| 29 | IDENTIFICATION OF THE ANCESTRAL CHARACTERISTICS IN THE GENOME OF Rhizobium leguminosarum bv. trifolii. Sel'skokhozyaistvennaya Biologiya, 2020, 55, 489-498. | 0.3 | 0 |