

# Tatyana Shelenga

## List of Publications by Year in descending order

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23  
papers

139  
citations

1478505

6  
h-index

1281871

11  
g-index

23  
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23  
docs citations

23  
times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	Composition of Primary and Secondary Metabolite Compounds in Seeds and Pods of Asparagus Bean ( <i>Vigna unguiculata</i> (L.) Walp.) from China. <i>Molecules</i> , 2020, 25, 3778.	3.8	25
2	Alkaloids of narrow-leaved lupine as a factor determining alternative ways of the crop's utilization and breeding. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2020, 24, 625-635.	1.1	18
3	The diversity of fatty acid composition in traditional and rare oil crops cultivated in Russia. <i>Biological Communications</i> , 2020, 65, .	0.8	15
4	The Potential of Small Grains Crops in Enhancing Biofortification Breeding Strategies for Human Health Benefit. <i>Agronomy</i> , 2021, 11, 1420.	3.0	14
5	Impact of weather and climate on seed protein and oil content of soybean in the North Caucasus. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2018, 22, 708-715.	1.1	14
6	Stability and Variability of <i>Camelina sativa</i> (L.) Crantz Economically Valuable Traits in Various Eco-Geographical Conditions of the Russian Federation. <i>Agronomy</i> , 2021, 11, 332.	3.0	8
7	Features of Profiles of Biologically Active Compounds of Primary and Secondary Metabolism of Lines from VIR Flax Genetic Collection, Contrasting in Size and Color of Seeds. <i>Plants</i> , 2022, 11, 750.	3.5	6
8	Nutritional and biologically active compounds in Russian (VIR) Brassicaceae vegetable crops collection. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2021, 45, 541-556.	2.1	5
9	Selection of an optimal method for screening the collection of narrow-leaved lupine held by the Vavilov Institute for the qualitative and quantitative composition of seed alkaloids. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2020, 24, 829-835.	1.1	5
10	Seed Oil Biochemical Composition of Cultivated <i>Cucurbita</i> L. Species from the VIR Collections Grown in the Astrakhan Province of the Russian Federation. <i>Agronomy</i> , 2020, 10, 1491.	3.0	4
11	Metabolomic approach to search for fungal resistant forms of <i>Aegilops tauschii</i> Coss. from the VIR collection. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2020, 24, 252-258.	1.1	4
12	Differences in Metabolites of White and Naturally Colored Cotton: Implications for Biofunctional and Aseptic Textiles. <i>Journal of Natural Fibers</i> , 2022, 19, 7060-7072.	3.1	3
13	A simple and efficient method to extract polar metabolites from guar leaves ( <i>Cyamopsis</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i> 23, 49-54.	1.1	3
14	Comparative analysis of wild and cultivated <i>Lathyrus</i> L. spp. according to their primary and secondary metabolite contents. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2019, 23, 667-674.	1.1	3
15	Chemical composition of bird cherry fruits in the Northwestern region of Russia. <i>Proceedings on Applied Botany, Genetics and Breeding</i> , 2020, 181, 65-72.	0.6	3
16	Comparative characteristics of the biochemical composition of chard and table beet accessions from VIR collection. <i>Ovo Rossii</i> , 2019, , 77-83.	0.3	2
17	Comparative analysis of wild and cultivated <i>Lathyrus</i> L. species to assess their content of sugars, polyols, free fatty acids, and phytosterols. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2020, 24, 730-737.	1.1	2
18	Assessment of oat varieties with different levels of breeding refinement from the Vavilov Institute's collection applying the method of metabolomic profiling. <i>Proceedings on Applied Botany, Genetics and Breeding</i> , 2022, 183, 104-117.	0.6	2

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19	Comparative analysis of the chemical composition and size of starch granules in grain between diploid and tetraploid sweetcorn cultivars. Proceedings on Applied Botany, Genetics and Breeding, 2021, 182, 53-62.	0.6	1
20	«Содержание крахмала в зерне гибридов кукурузы с различным уровнем полиплоидности» // Доклады Российской академии сельскохозяйственных наук. 2021. № 1. С. 10-13.	0.6	0
21	The metabolomic approach to the complex biochemical characteristics of cole <i>Brassica oleracea</i> L.. <i>OvoÅ† Rossii</i> , 2019, , 72-79.	0.3	1
22	The impact of weather conditions in different years on the biochemical composition of linseed oil. Proceedings on Applied Botany, Genetics and Breeding, 2021, 182, 91-100.	0.6	0
23	Complex biochemical characteristics of broccoli and cauliflower. <i>OvoÅ† Rossii</i> , 2020, , 104-111.	0.3	0