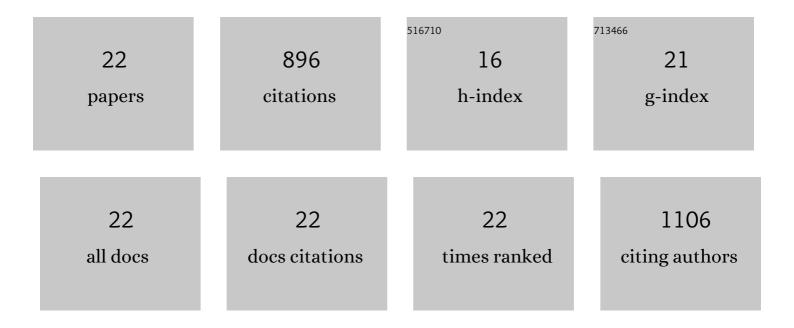
## Galina Brychkova

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8355357/publications.pdf Version: 2024-02-01



CALINA REVCHKOVA

#	Article	IF	CITATIONS
1	Plastid ribosome protein L5 is essential for post-globular embryo development in Arabidopsis thaliana. Plant Reproduction, 2022, 35, 189-204.	2.2	6
2	Parent-of-Origin Effects on Seed Size Modify Heterosis Responses in Arabidopsis thaliana. Frontiers in Plant Science, 2022, 13, 835219.	3.6	6
3	Gene dosage compensation of rRNA transcript levels in <i>Arabidopsis thaliana</i> lines with reduced ribosomal gene copy number. Plant Cell, 2021, 33, 1135-1150.	6.6	28
4	Corona citizens' science project-repeated surveys of the Irish response to COVID-19 and subsequent lockdown and restrictive measures. Irish Journal of Medical Science, 2021, , 1.	1.5	0
5	Community-Level Impacts of Climate-Smart Agriculture Interventions on Food Security and Dietary Diversity in Climate-Smart Villages in Myanmar. Climate, 2021, 9, 166.	2.8	4
6	Thermal disruption of the food matrix of biofortified lettuce varieties modifies absorption of carotenoids by Caco-2 cells. Food Chemistry, 2020, 308, 125443.	8.2	20
7	Transgenerational effects of inter-ploidy cross direction on reproduction and F2 seed development of Arabidopsis thaliana F1 hybrid triploids. Plant Reproduction, 2019, 32, 275-289.	2.2	5
8	Hybridity has a greater effect than paternal genome dosage on heterosis in sugar beet (Beta vulgaris). BMC Plant Biology, 2018, 18, 120.	3.6	6
9	TILLING by Sequencing (TbyS) for targeted genome mutagenesis in crops. Molecular Breeding, 2017, 37, 1.	2.1	26
10	Aldehyde Oxidase 4 Plays a Critical Role in Delaying Silique Senescence by Catalyzing Aldehyde Detoxification. Plant Physiology, 2017, 173, 1977-1997.	4.8	46
11	Smallholder Farmers and Climate Smart Agriculture: Technology and Labor-productivity Constraints amongst Women Smallholders in Malawi. Gender, Technology and Development, 2016, 20, 117-148.	1.4	93
12	Sulfite Oxidase Activity Is Essential for Normal Sulfur, Nitrogen and Carbon Metabolism in Tomato Leaves. Plants, 2015, 4, 573-605.	3.5	22
13	Molybdenum application enhances adaptation of crested wheatgrass to salinity stress. Acta Physiologiae Plantarum, 2015, 37, 1.	2.1	16
14	Impairment in Sulfite Reductase Leads to Early Leaf Senescence in Tomato Plants  Â. Plant Physiology, 2014, 165, 1505-1520.	4.8	51
15	Sulfite Reductase Protects Plants against Sulfite Toxicity  Â. Plant Physiology, 2013, 161, 725-743.	4.8	78
16	An Essential Role for Tomato Sulfite Oxidase and Enzymes of the Sulfite Network in Maintaining Leaf Sulfite Homeostasis  Â. Plant Physiology, 2012, 161, 148-164.	4.8	70
17	A Novel In-Gel Assay and an Improved Kinetic Assay for Determining In Vitro Sulfite Reductase Activity in Plants. Plant and Cell Physiology, 2012, 53, 1507-1516.	3.1	27
18	Kinetic Assays for Determining In Vitro APS Reductase Activity in Plants without the Use of Radioactive Substances. Plant and Cell Physiology, 2012, 53, 1648-1658.	3.1	19

**GALINA BRYCHKOVA** 

#	Article	IF	CITATIONS
19	The determination of sulfite levels and its oxidation in plant leaves. Plant Science, 2012, 190, 123-130.	3.6	48
20	A critical role for ureides in dark and senescenceâ€induced purine remobilization is unmasked in the <i>Atxdh1</i> Arabidopsis mutant. Plant Journal, 2008, 54, 496-509.	5.7	165
21	Formation of xanthine and the use of purine metabolites as a nitrogen source in Arabidopsis plants. Plant Signaling and Behavior, 2008, 3, 999-1001.	2.4	33
22	Sulfite oxidase protects plants against sulfur dioxide toxicity. Plant Journal, 2007, 50, 696-709.	5.7	127