

# Margarita Stritzler

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

251  
citations

1163117

8  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetoacetyl-CoA thiolase regulates the mevalonate pathway during abiotic stress adaptation. <i>Journal of Experimental Botany</i> , 2011, 62, 5699-5711.	4.8	87
2	Heterologous expression of Arabidopsis ABF4 gene in potato enhances tuberization through ABA-GA crosstalk regulation. <i>Planta</i> , 2014, 239, 615-631.	3.2	48
3	High-quality forage production under salinity by using a salt-tolerant AtNXH1-expressing transgenic alfalfa combined with a natural stress-resistant nitrogen-fixing bacterium. <i>Journal of Biotechnology</i> , 2018, 276-277, 42-45.	3.8	19
4	The plasma membrane H <sup>+</sup> -ATPase gene family in <i>Solanum tuberosum</i> L. Role of PHA1 in tuberization. <i>Journal of Experimental Botany</i> , 2017, 68, 4821-4837.	4.8	15
5	Plant growth-promoting bacterium <i>Pseudomonas fluorescens</i> FR1 secretes a novel type of extracellular polyhydroxybutyrate polymerase involved in abiotic stress response in plants. <i>Biotechnology Letters</i> , 2018, 40, 1419-1423.	2.2	14
6	Efficient CRISPR/Cas9 Genome Editing in Alfalfa Using a Public Germplasm. <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	14
7	The protein phosphatase 2A catalytic subunit StPP2Ac2b acts as a positive regulator of tuberization induction in <i>Solanum tuberosum</i> L.. <i>Plant Molecular Biology</i> , 2017, 93, 227-245.	3.9	12
8	Microevolution Rather than Large Genome Divergence Determines the Effectiveness of Legume-Rhizobia Symbiotic Interaction Under Field Conditions. <i>Journal of Molecular Evolution</i> , 2017, 85, 79-83.	1.8	10
9	Plant Growth-Promoting Genes can Switch to be Virulence Factors via Horizontal Gene Transfer. <i>Microbial Ecology</i> , 2018, 76, 579-583.	2.8	9
10	Stable symbiotic nitrogen fixation under water-deficit field conditions by a stress-tolerant alfalfa microsymbiont and its complete genome sequence. <i>Journal of Biotechnology</i> , 2017, 263, 52-54.	3.8	8
11	Synthetic multi-antibiotic resistant plasmids in plant-associated bacteria from agricultural soils. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 113-116.	2.2	7
12	Elimination of GlnK <sub>AmtB</sub> affects serine biosynthesis and improves growth and stress tolerance of <i>Escherichia coli</i> under nutrient-rich conditions. <i>FEMS Microbiology Letters</i> , 2020, 367, .	1.8	4
13	Whole-Genome Resequencing of Spontaneous Oxidative Stress-Resistant Mutants Reveals an Antioxidant System of <i>Bradyrhizobium japonicum</i> Involved in Soybean Colonization. <i>Microbial Ecology</i> , 2022, 84, 1133-1140.	2.8	3
14	Understanding the intracellular-to-extracellular localization switch of polyhydroxybutyrate polymerase in <i>pseudomonas</i> backgrounds as a microevolutionary process. <i>Journal of Theoretical Biology</i> , 2018, 456, 29-33.	1.7	1