Dorota NaroÅ»na

List of Publications by Year
in descending order

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20	587	687363 13	752698 20
papers	citations	h-index	g-index

20	20	20	913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cross-talk interactions of sucrose and Fusarium oxysporum in the phenylpropanoid pathway and the accumulation and localization of flavonoids in embryo axes of yellow lupine. Journal of Plant Physiology, 2011, 168, 424-433.	3.5	71
2	Differential induction of Pisum sativum defense signaling molecules in response to pea aphid infestation. Plant Science, 2014, 221-222, 1-12.	3.6	69
3	Bradyrhizobium canariense and Bradyrhizobium japonicum are the two dominant rhizobium species in root nodules of lupin and serradella plants growing in Europe. Systematic and Applied Microbiology, 2011, 34, 368-375.	2.8	54
4	Different antibacterial activity of novel theophylline-based ionic liquids â€“ Growth kinetic and cytotoxicity studies. Ecotoxicology and Environmental Safety, 2016, 130, 54-64.	6.0	54
5	Survival and Competitiveness of Bradyrhizobium japonicum Strains 20 Years after Introduction into Field Locations in Poland. Applied and Environmental Microbiology, 2015, 81, 5552-5559.	3.1	48
6	Pea aphid infestation induces changes in flavonoids, antioxidative defence, soluble sugars and sugar transporter expression in leaves of pea seedlings. Protoplasma, 2016, 253, 1063-1079.	2.1	42
7	The Influence of Lead on Generation of Signalling Molecules and Accumulation of Flavonoids in Pea Seedlings in Response to Pea Aphid Infestation. Molecules, 2017, 22, 1404.	3.8	38
8	Changes of phenolic secondary metabolite profiles in the reaction of narrow leaf lupin (Lupinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 Metabolomics, 2013, 9, 575-589.	3.0	36
9	Effects of Endogenous Signals and Fusarium oxysporum on the Mechanism Regulating Genistein Synthesis and Accumulation in Yellow Lupine and Their Impact on Plant Cell Cytoskeleton. Molecules, 2014, 19, 13392-13421.	3.8	28
10	Allelopathic effect of fibre hemp (Cannabis sativa L.) on monocot and dicot plant species. Industrial Crops and Products, 2014, 56, 191-199.	5.2	26
11	The Dynamics of the Defense Strategy of Pea Induced by Exogenous Nitric Oxide in Response to Aphid Infestation. International Journal of Molecular Sciences, 2017, 18, 329.	4.1	25
12	Cross-talk interactions of exogenous nitric oxide and sucrose modulates phenylpropanoid metabolism in yellow lupine embryo axes infected with Fusarium oxysporum. Plant Science, 2013, 211, 102-121.	3.6	24
13	Changes in carbohydrate and isoflavonoid metabolism in yellow lupine in response to infection by Fusarium oxysporum during the stages of seed germination and early seedling growth. Physiological and Molecular Plant Pathology, 2010, 75, 46-55.	2.5	15
14	Oxidative stress in bacteria (Pseudomonas putida) exposed to nanostructures of silicon carbide. Chemosphere, 2015, 135, 233-239.	8.2	13
15	Legume isoflavone synthase genes have evolved by whole-genome and local duplications yielding transcriptionally active paralogs. Plant Science, 2017, 264, 149-167.	3.6	13
16	A benzimidazole-based ruthenium(IV) complex inhibits Pseudomonas aeruginosa biofilm formation by interacting with siderophores and the cell envelope, and inducing oxidative stress. Biofouling, 2019, 35, 59-74.	2.2	12
17	Morpholinium-based ionic liquids show antimicrobial activity against clinical isolates of Pseudomonas aeruginosa. Research in Microbiology, 2021, 172, 103817.	2.1	11
18	Development of high-resolution melting PCR (HRM-PCR) assay to identify native fungal species associated with the wheat endosphere. Journal of Applied Genetics, 2020, 61, 629-635.	1.9	3

#	Article	IF	Citations
19	Bacterial Communities from the Arsenic Mine in ZÅ‚oty Stok, Sudety Mountains, Poland. Polish Journal of Microbiology, 2017, 66, 375-381.	1.7	3
20	Two sequences encoding chalcone synthase in yellow lupin (Lupinus luteus l.) may have evolved by gene duplication. Cellular and Molecular Biology Letters, 2004, 9, 95-105.	7.0	2