Alexey L Shavarda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8032510/publications.pdf

Version: 2024-02-01

23 papers	387 citations	840776 11 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	707 citing authors

#	Article	IF	Citations
1	Proteomeâ€“Metabolome Profiling of Ovarian Cancer Ascites Reveals Novel Components Involved in Intercellular Communication. Molecular and Cellular Proteomics, 2014, 13, 3558-3571.	3.8	100
2	Leaf glandular trichomes in Empetrum nigrum: morphology, histochemistry, ultrastructure and secondary metabolites. Nordic Journal of Botany, 2012, 30, 470-481.	0.5	28
3	Metabolic alterations in pea leaves during arbuscular mycorrhiza development. PeerJ, 2019, 7, e7495.	2.0	27
4	Glandular trichomes of Tussilago Farfara (Senecioneae, Asteraceae). Planta, 2016, 244, 737-752.	3.2	25
5	Interactions between aluminium, iron and silicon in Cucumber sativus L. grown under acidic conditions. Journal of Plant Physiology, 2017, 218, 100-108.	3.5	23
6	Metabolomic and physiological changes of Chlamydomonas reinhardtii (Chlorophyceae, Chlorophyta) during batch culture development. Journal of Applied Phycology, 2018, 30, 803-818.	2.8	22
7	Development, structure and secretion compounds of stipule colleters in Pentas lanceolata (Rubiaceae). South African Journal of Botany, 2014, 93, 27-36.	2.5	20
8	Bud development in corydalis (Corydalis bracteata) requires low temperature: a study of developmental and carbohydrate changes. Annals of Botany, 2010, 105, 891-903.	2.9	19
9	Metabolic Alterations in Male-Sterile Potato as Compared to Male-Fertile. Metabolites, 2019, 9, 24.	2.9	14
10	Effects of sterol-binding agent nystatin on wheat roots: The changes in membrane permeability, sterols and glycoceramides. Phytochemistry, 2011, 72, 1751-1759.	2.9	13
11	Metabolic Alterations in Pisum sativum Roots during Plant Growth and Arbuscular Mycorrhiza Development. Plants, 2021, 10, 1033.	3.5	13
12	Silicon ameliorates iron deficiency of cucumber in a pH-dependent manner. Journal of Plant Physiology, 2018, 231, 364-373.	3.5	12
13	Biosynthesis of benzylisoquinoline alkaloids in Corydalis bracteata: Compartmentation and seasonal dynamics. Phytochemistry, 2013, 92, 60-70.	2.9	11
14	Novel brominated metabolites from Bryozoa: a functional analysis. Natural Product Research, 2017, 31, 1840-1848.	1.8	11
15	Pericarp Peltate Trichomes in Pterocarya rhoifolia: Histochemistry, Ultrastructure, and Chemical Composition. International Journal of Plant Sciences, 2011, 172, 159-172.	1.3	9
16	Calcium Carbonate Reduces the Effectiveness of Soil-Added Monosilicic Acid in Cucumber Plants. Journal of Soil Science and Plant Nutrition, 2019, 19, 660-670.	3.4	8
17	Binding of sterols affects membrane functioning and sphingolipid composition in wheat roots. Biochemistry (Moscow), 2010, 75, 554-561.	1.5	7
18	Fullerenol changes metabolite responses differently depending on the iron status of cucumber plants. PLoS ONE, 2021, 16, e0251396.	2.5	7

#	Article	IF	Citations
19	Mycorrhiza-Induced Alterations in Metabolome of Medicago lupulina Leaves during Symbiosis Development. Plants, 2021, 10, 2506.	3.5	7
20	The role of trophic conditions in the regulation of physiology and metabolism of Chlamydomonas reinhardtii during batch culturing. Journal of Applied Phycology, 2021, 33, 2897-2908.	2.8	3
21	A simple and efficient method to extract polar metabolites from guar leaves (Cyamopsis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 0 23, 49-54.	1.1	3
22	Ð¡omparative analysis of wild and cultivated Lathyrus L. spp. according to their primary and secondary metabolite contents. Vavilovskii Zhurnal Genetiki I Selektsii, 2019, 23, 667-674.	1.1	3
23	Comparative analysis of wild and cultivated Lathyrus L. species to assess their content of sugars, polyols, free fatty acids, and phytosterols. Vavilovskii Zhurnal Genetiki I Selektsii, 2020, 24, 730-737.	1.1	2