# Alexey L Shavarda

List of Publications by Year
in descending order

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

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|---|---|---|---|
| 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 | Fullerenol changes metabolite responses differently depending on the iron status of cucumber plants. PLoS ONE, 2021, 16, e0251396. | 2.5 | 7 |
| 2 | Metabolic Alterations in Pisum sativum Roots during Plant Growth and Arbuscular Mycorrhiza Development. Plants, 2021, 10, 1033. | 3.5 | 13 |
| 3 | 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 |
| 4 | Mycorrhiza-Induced Alterations in Metabolome of Medicago lupulina Leaves during Symbiosis Development. Plants, 2021, 10, 2506. | 3.5 | 7 |
| 5 | 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 |
| 6 | 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 |
| 7 | Metabolic Alterations in Male-Sterile Potato as Compared to Male-Fertile. Metabolites, 2019, 9, 24. | 2.9 | 14 |
| 8 | A simple and efficient method to extract polar metabolites from guar leaves (Cyamopsis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (t<br>23, 49-54. | 1.1 | 3 |
| 9 | Metabolic alterations in pea leaves during arbuscular mycorrhiza development. PeerJ, 2019, 7, e7495. | 2.0 | 27 |
| 10 | Đ¡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 |
| 11 | Metabolomic and physiological changes of Chlamydomonas reinhardtii (Chlorophyceae, Chlorophyta) during batch culture development. Journal of Applied Phycology, 2018, 30, 803-818. | 2.8 | 22 |
| 12 | Silicon ameliorates iron deficiency of cucumber in a pH-dependent manner. Journal of Plant Physiology, 2018, 231, 364-373. | 3.5 | 12 |
| 13 | Novel brominated metabolites from Bryozoa: a functional analysis. Natural Product Research, 2017, 31, 1840-1848. | 1.8 | 11 |
| 14 | 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 |
| 15 | Glandular trichomes of Tussilago Farfara (Senecioneae, Asteraceae). Planta, 2016, 244, 737-752. | 3.2 | 25 |
| 16 | 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 |
| 17 | Development, structure and secretion compounds of stipule colleters in Pentas lanceolata (Rubiaceae). South African Journal of Botany, 2014, 93, 27-36. | 2.5 | 20 |
| 18 | Biosynthesis of benzylisoquinoline alkaloids in Corydalis bracteata: Compartmentation and seasonal dynamics. Phytochemistry, 2013, 92, 60-70. | 2.9 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Leaf glandular trichomes in Empetrum nigrum: morphology, histochemistry, ultrastructure and secondary metabolites. Nordic Journal of Botany, 2012, 30, 470-481. | 0.5 | 28 |
| 20 | 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 |
| 21 | Pericarp Peltate Trichomes in Pterocarya rhoifolia: Histochemistry, Ultrastructure, and Chemical Composition. International Journal of Plant Sciences, 2011, 172, 159-172. | 1.3 | 9 |
| 22 | Binding of sterols affects membrane functioning and sphingolipid composition in wheat roots. Biochemistry (Moscow), 2010, 75, 554-561. | 1.5 | 7 |
| 23 | 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 |