# MatevÅ¾ Likar

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 937 citations | 394286 19 h-index | 454834 30 g-index |
| 38 all docs | 38 docs citations | 38 times ranked | 1216 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Isolates of dark septate endophytes reduce metal uptake and improve physiology of Salix caprea L.. Plant and Soil, 2013, 370, 593-604. | 1.8 | 102 |
| 2 | Fungal community structure under goat willows (Salix caprea L.) growing at metal polluted site: the potential of screening in a model phytostabilisation study. Plant and Soil, 2010, 330, 345-356. | 1.8 | 74 |
| 3 | Importance of soil and vineyard management in the determination of grapevine mineral composition. Science of the Total Environment, 2015, 505, 724-731. | 3.9 | 66 |
| 4 | Diversity of halophytes and identification of arbuscular mycorrhizal fungi colonising their roots in an abandoned and sustained part of SeÄovlje salterns. Soil Biology and Biochemistry, 2009, 41, 1847-1856. | 4.2 | 55 |
| 5 | Breeding buckwheat for nutritional quality. Breeding Science, 2020, 70, 67-73. | 0.9 | 47 |
| 6 | Application of temporal temperature gradient gel electrophoresis for characterisation of fungal endophyte communities of Salix caprea L. in a heavy metal polluted soil. Science of the Total Environment, 2009, 407, 6179-6187. | 3.9 | 43 |
| 7 | Ecological and conventional viticulture gives rise to distinct fungal and bacterial microbial communities in vineyard soils. Applied Soil Ecology, 2017, 113, 86-95. | 2.1 | 39 |
| 8 | Distribution and diversity of arbuscular mycorrhizal fungi in grapevines from production vineyards along the eastern Adriatic coast. Mycorrhiza, 2013, 23, 209-219. | 1.3 | 38 |
| 9 | Composition of mineral elements and bioactive compounds in tartary buckwheat and wheat sprouts as affected by natural mineral-rich water. Journal of Cereal Science, 2016, 69, 9-16. | 1.8 | 33 |
| 10 | Occurrence of root endophytic fungi in organic versus conventional vineyards on the Croatian coast. Agriculture, Ecosystems and Environment, 2014, 192, 115-121. | 2.5 | 31 |
| 11 | Arbuscular mycorrhizal fungi alter Hg root uptake and ligand environment as studied by X-ray absorption fine structure. Environmental and Experimental Botany, 2017, 133, 12-23. | 2.0 | 31 |
| 12 | Breeding Buckwheat for Increased Levels of Rutin, Quercetin and Other Bioactive Compounds with Potential Antiviral Effects. Plants, 2020, 9, 1638. | 1.6 | 28 |
| 13 | Diversity and seasonal variations of mycorrhiza and rhizosphere bacteria in three common plant species at the Slovenian Ljubljana Marsh. Biology and Fertility of Soils, 2009, 45, 573-583. | 2.3 | 26 |
| 14 | UV-B radiation affects flavonoids and fungal colonisation in Fagopyrum esculentum and F. tataricum. Open Life Sciences, 2012, 7, 275-283. | 0.6 | 26 |
| 15 | Mycorrhizal status and diversity of fungal endophytes in roots of common buckwheat (Fagopyrum) Tj ETQq1 1 0.784314 rgBT /Overlo | 1.3 | 25 |
| 16 | Antifungal potential of thyme essential oil as a preservative for storage of wheat seeds. Acta Botanica Croatica, 2017, 76, 64-71. | 0.3 | 25 |
| 17 | Comparison of lovastatin, citrinin and pigment production of different Monascus purpureus strains grown on rice and millet. Journal of Food Science and Technology, 2019, 56, 3364-3373. | 1.4 | 22 |
| 18 | Molecular diversity and metal accumulation of different Thlaspi praecox populations from Slovenia. Plant and Soil, 2010, 330, 195-205. | 1.8 | 21 |

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|---|---|---|---|
| 19 | Temporal changes in fungal communities from buckwheat seeds and their effects on seed germination and seedling secondary metabolism. Fungal Biology, 2016, 120, 666-678. | 1.1 | 20 |
| 20 | Hypoxia and inactivity related physiological changes precede or take place in absence of significant rearrangements in bacterial community structure: The PlanHab randomized trial pilot study. PLoS ONE, 2017, 12, e0188556. | 1.1 | 20 |
| 21 | Neighbouring weeds influence the formation of arbuscular mycorrhiza in grapevine. Symbiosis, 2012, 56, 111-120. | 1.2 | 19 |
| 22 | Metallophyte status of violets of the section Melanium. Chemosphere, 2013, 93, 1844-1855. | 4.2 | 18 |
| 23 | The arbuscular mycorrhizal fungus Glomus mosseae alleviates autotoxic effects in maize (Zea mays L.). European Journal of Soil Biology, 2013, 58, 59-65. | 1.4 | 18 |
| 24 | Genetic Structure and Relationships among Wild and Cultivated Grapevines from Central Europe and Part of the Western Balkan Peninsula. Genes, 2020, 11, 962. | 1.0 | 16 |
| 25 | 1,8-dihydroxy naphthalene (DHN) - melanin confers tolerance to cadmium in isolates of melanised dark septate endophytes. Ecotoxicology and Environmental Safety, 2021, 222, 112493. | 2.9 | 16 |
| 26 | Phenolic Responses to Esca-Associated Fungi in Differently Decayed Grapevine Woods from Different Trunk Parts of â€˜Cabernet Sauvignonâ€™. Journal of Agricultural and Food Chemistry, 2017, 65, 6615-6624. | 2.4 | 15 |
| 27 | Early defence reactions in Norway spruce seedlings inoculated with the mycorrhizal fungus Pisolithus tinctorius (Persoon) Coker & Couch and the pathogen Heterobasidion annosum (Fr.) Bref.. Trees - Structure and Function, 2008, 22, 861-868. | 0.9 | 13 |
| 28 | The Effect of Mycorrhizal Inoculum and Phosphorus Treatment on Growth and Flowering of Ajania (Ajania pacifica (Nakai) Bremer et Humphries) Plant. Horticulturae, 2021, 7, 178. | 1.2 | 13 |
| 29 | Dark Septate Endophytes and Mycorrhizal Fungi of Trees Affected by Pollution. Forestry Sciences, 2011, , 189-201. | 0.4 | 12 |
| 30 | Original Leaf Colonisers Shape Fungal Decomposer Communities of Phragmites australis in Intermittent Habitats. Journal of Fungi (Basel, Switzerland), 2022, 8, 284. | 1.5 | 6 |
| 31 | Root-associated community composition and co-occurrence patterns of fungi in wild grapevine. Fungal Ecology, 2021, 50, 101034. | 0.7 | 5 |
| 32 | Links Between Genetic Groups, Host Specificity, and Ergot-Alkaloid Profiles within Claviceps purpurea (Fr.) Tul. on Slovenian Grasses. Plant Disease, 2018, 102, 1334-1340. | 0.7 | 4 |
| 33 | NEW INSIGHTS INTO STRUCTURES AND COMPOSITION OF PLANT FOOD MATERIALS. Journal of Microbiology, Biotechnology and Food Sciences, 2017, 7, 57-61. | 0.4 | 3 |
| 34 | Arbuscular Mycorrhizal Fungi and Dark Septate Endophytes in Grapevine: The Potential for Sustainable Viticulture?. , 2017, , 275-289. | | 2 |
| 35 | Dark Septate Endophytes and Mycorrhizal Fungi of Trees Affected by Metal Pollution. Forestry Sciences, 2018, , 119-137. | 0.4 | 2 |
| 36 | Buckwheat Milling Waste Effects on Root Morphology and Mycorrhization of Silver Fir Seedlings Inoculated with Black Summer Truffle (Tuber aestivum Vittad.). Forests, 2022, 13, 240. | 0.9 | 2 |

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|---|---|---|---|
| 37 | High incidence of arbuscular mycorrhizal fungi in rare and endangered wild grapevine. Plant Biosystems, 2018, 152, 1075-1078. | 0.8 | 1 |
| 38 | Dataset on endophytic and rhizoplane fungi on the roots of wild grapevine in Croatia and Bosnia and Herzegovina. Data in Brief, 2021, 34, 106692. | 0.5 | 0 |