# Tine Grebenc

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9113459/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 72<br>papers | 5,580<br>citations | 257450<br>24<br>h-index | 91884<br>69<br>g-index |
| 75<br>all docs | 75<br>docs citations | 75<br>times ranked | 7954<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Towards a unified paradigm for sequenceâ€based identification of fungi. Molecular Ecology, 2013, 22, 5271-5277. | 3.9 | 2,997 |
| 2 | Environment and host as large-scale controls of ectomycorrhizal fungi. Nature, 2018, 558, 243-248. | 27.8 | 282 |
| 3 | Diversity of dead wood inhabiting fungi and bryophytes in semi-natural beech forests in Europe. Biological Conservation, 2006, 131, 58-71. | 4.1 | 193 |
| 4 | Fungal Planet description sheets: 400â€“468. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2016, 36, 316-458. | 4.4 | 193 |
| 5 | Blind spots in global soil biodiversity and ecosystem function research. Nature Communications, 2020, 11, 3870. | 12.8 | 192 |
| 6 | Biogeography of ectomycorrhizal fungi associated with alders (<scp>A</scp>lnus spp.) in relation to biotic and abiotic variables at the global scale. New Phytologist, 2013, 198, 1239-1249. | 7.3 | 191 |
| 7 | Variation in fine root biomass of three European tree species: Beech (Fagus sylvaticaL.), Norway spruce (Picea abiesL. Karst.), and Scots pine (Pinus sylvestrisL.). Plant Biosystems, 2007, 141, 394-405. | 1.6 | 189 |
| 8 | Enhanced ozone strongly reduces carbon sink strength of adult beech (Fagus sylvatica) â€“ Resume from the free-air fumigation study at Kranzberg Forest. Environmental Pollution, 2010, 158, 2527-2532. | 7.5 | 140 |
| 9 | Fine roots and ectomycorrhizas as indicators of environmental change. Plant Biosystems, 2007, 141, 406-425. | 1.6 | 91 |
| 10 | Global homogenization of the structure and function in the soil microbiome of urban greenspaces. Science Advances, 2021, 7, . | 10.3 | 83 |
| 11 | Changes in the Community of Ectomycorrhizal Fungi and Increased Fine Root Number Under Adult Beech Trees Chronically Fumigated with Double Ambient Ozone Concentration. Plant Biology, 2007, 9, 279-287. | 3.8 | 54 |
| 12 | Phylogenetic relationships in tribe Spiraeeae (Rosaceae) inferred from nucleotide sequence data. Plant Systematics and Evolution, 2007, 266, 105-118. | 0.9 | 54 |
| 13 | Ectomycorrhizal communities in a productive Tuber aestivum Vittad. orchard: composition, host influence and species replacement. FEMS Microbiology Ecology, 2011, 76, 170-184. | 2.7 | 54 |
| 14 | Considerations and consequences of allowing DNA sequence data as types of fungal taxa. IMA Fungus, 2018, 9, 167-175. | 3.8 | 45 |
| 15 | Species and geographic variability in truffle aromas. Food and Chemical Toxicology, 2020, 142, 111434. | 3.6 | 44 |
| 16 | Effects of Long-Term Free-Air Ozone Fumigation on Î´15N and Total N in Fagus sylvatica and Associated Mycorrhizal Fungi. Plant Biology, 2007, 9, 242-252. | 3.8 | 41 |
| 17 | Simulating ectomycorrhizal fungi and their role in carbon and nitrogen cycling in forest ecosystems. Canadian Journal of Forest Research, 2014, 44, 535-553. | 1.7 | 41 |
| 18 | Response of ectomycorrhizal community structure to gap opening in natural and managed temperate beech-dominated forests. Canadian Journal of Forest Research, 2009, 39, 1375-1386. | 1.7 | 39 |

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|---|---|---|---|
| 19 | Differential short-term response of functional groups to a change in forest management in a temperate forest. Forest Ecology and Management, 2016, 376, 256-264. | 3.2 | 35 |
| 20 | Types of Ectomycorrhiza of Mature Beech and Spruce at Ozone-Fumigated and Control Forest Plots. Environmental Monitoring and Assessment, 2007, 128, 47-59. | 2.7 | 33 |
| 21 | Different belowground responses to elevated ozone and soil water deficit in three European oak species (Quercus ilex, Q. pubescens and Q. robur). Science of the Total Environment, 2019, 651, 1310-1320. | 8.0 | 30 |
| 22 | CASIROZ: Root Parameters and Types of Ectomycorrhiza of Young Beech Plants Exposed to Different Ozone and Light Regimes. Plant Biology, 2007, 9, 298-308. | 3.8 | 29 |
| 23 | Multilocus phylogenetic analyses reveal unexpected abundant diversity and significant disjunct distribution pattern of the Hedgehog Mushrooms (Hydnum L.). Scientific Reports, 2016, 6, 25586. | 3.3 | 29 |
| 24 | Genetic Differentiation of the Western Capercaillie Highlights the Importance of South-Eastern Europe for Understanding the Species Phylogeography. PLoS ONE, 2011, 6, e23602. | 2.5 | 27 |
| 25 | Ectomycorrhizal fungi from southern Brazil â€“ a literature-based review, their origin and potential hosts. Mycosphere, 2012, 4, 61-95. | 6.1 | 27 |
| 26 | Molecular and morphological analyses confirm Rhizopogon verii as a widely distributed ectomycorrhizal false truffle in Europe, and its presence in South America. Mycorrhiza, 2016, 26, 377-388. | 2.8 | 22 |
| 27 | Ribosomal ITS diversity among the European species of the genus Hydnum (Hydnaceae). Anales Del Jardin Botanico De Madrid, 2009, 66, 121-132. | 0.4 | 22 |
| 28 | Two new species of Hydnum with ovoid basidiospores: H. ovoideisporum and H. vesterholtii. Mycologia, 2012, 104, 1443-1455. | 1.9 | 21 |
| 29 | KEYLINK: towards a more integrative soil representation for inclusion in ecosystem scale models. I. review and model concept. PeerJ, 2020, 8, e9750. | 2.0 | 21 |
| 30 | First report of Botryosphaeria dothidea causing bark dieback of European hop hornbeam in Slovenia.. Plant Pathology, 2006, 55, 299-299. | 2.4 | 20 |
| 31 | Root-Associated Fungal Communities From Two Phenologically Contrasting Silver Fir (Abies alba) Tj ETQq1 1 0.784314 rgBT /Overloc | 3.6 | 19 |
| 32 | The (re)discovery of ectomycorrhizal symbioses in Neotropical ecosystems sketched in FlorianÃ³polis. New Phytologist, 2017, 214, 920-923. | 7.3 | 18 |
| 33 | Differentiation between species and regional origin of fresh and freeze-dried truffles according to their volatile profiles. Food Control, 2021, 123, 107698. | 5.5 | 18 |
| 34 | Hypogeous sequestrate fungi in South America â€“ how well do we know them?. Symbiosis, 2017, 71, 9-17. | 2.3 | 17 |
| 35 | Types of Ectomycorrhiza as Pollution Stress Indicators: Case Studies in Slovenia. Environmental Monitoring and Assessment, 2007, 128, 31-45. | 2.7 | 16 |
| 36 | Mycorrhizal status of an ozone-sensitive poplar clone treated with the antiozonant ethylene diurea. European Journal of Forest Research, 2014, 133, 735-743. | 2.5 | 15 |

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|---|---|---|---|
| 37 | Tuber brennemanii and Tuber floridanum: Two new Tuber species are among the most commonly detected ectomycorrhizal taxa within commercial pecan (Carya illinoinensis) orchards. Mycologia, 2018, 110, 780-790. | 1.9 | 14 |
| 38 | Brown rotting fungus closely related to Pseudomerulius curtisii (Boletales) recorded for the first time in South America.. Mycosphere, 2012, 3, 533-541. | 6.1 | 14 |
| 39 | Restingomyces, a new sequestrate genus from the Brazilian Atlantic rainforest that is phylogenetically related to early-diverging taxa in Trappeaceae (Phallales). Mycologia, 2016, 108, 954-966. | 1.9 | 13 |
| 40 | Scleroderma areolatum ectomycorrhiza on Fagus sylvatica L.. Mycorrhiza, 2017, 27, 283-293. | 2.8 | 12 |
| 41 | Co-invasion of ectomycorrhizal fungi in the Brazilian Pampa biome. Applied Soil Ecology, 2018, 130, 194-201. | 4.3 | 12 |
| 42 | Antibacterial Activity of Wild Mushroom Extracts on Bacterial Wilt Pathogen Ralstonia solanacearum. Plant Disease, 2016, 100, 453-464. | 1.4 | 11 |
| 43 | Longistriata flava (Boletaceae, Basidiomycota) â€“ a new monotypic sequestrate genus and species from Brazilian Atlantic Forest. MycoKeys, 2020, 62, 53-73. | 1.9 | 11 |
| 44 | History, genetic differentiation and conservation strategies for disjunct populations of Sibiraea species from Southeastern Europe and Asia. Conservation Genetics, 2006, 7, 895-907. | 1.5 | 10 |
| 45 | The cultivation of oak seedlings inoculated with Tuber aestivum Vittad. in the boreal region of Finland. Mycological Progress, 2014, 13, 373-380. | 1.4 | 10 |
| 46 | Russula ahmadii (Basidiomycota, Russulales), a new species in section Ingratae and its ectomycorrhiza from coniferous forests of Pakistan. Phytotaxa, 2017, 321, 241. | 0.3 | 10 |
| 47 | High-quality genome sequence of the radioresistant bacterium Deinococcus ficus KS 0460. Standards in Genomic Sciences, 2017, 12, 46. | 1.5 | 10 |
| 48 | Mycorrhization of pecans with European truffles (Tuber spp., Tuberaceae) under southern subtropical conditions. Applied Soil Ecology, 2021, 168, 104108. | 4.3 | 10 |
| 49 | Diversity trapped in cages: Revision of Blumenavia MÃ¶ller (Clathraceae, Basidiomycota) reveals three hidden species. PLoS ONE, 2020, 15, e0232467. | 2.5 | 8 |
| 50 | Towards understanding the role of ectomycorrhizal fungi in forest phosphorus cycling : a modelling approach. Central European Forestry Journal, 2018, 64, 79-95. | 0.8 | 8 |
| 51 | Has taxonomic vandalism gone too far? A case study, the rise of the pay-to-publish model and the pitfalls of Morchella systematics. Mycological Progress, 2022, 21, 7-38. | 1.4 | 8 |
| 52 | Sebacina aureomagnifica, a new heterobasidiomycete from the Atlantic Forest of northeast Brazil. Mycological Progress, 2015, 14, 1. | 1.4 | 6 |
| 53 | <I>Tuber petrophilum</I>, a new truffle species from Serbia. Mycotaxon, 2016, 130, 1141-1152. | 0.3 | 6 |
| 54 | Characterization of natural habitats and diversity of Libyan desert truffles. 3 Biotech, 2017, 7, 328. | 2.2 | 6 |

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|---|---|---|---|
| 55 | Effect of earthworms on mycorrhization, root morphology and biomass of silver fir seedlings inoculated with black summer truffle (Tuber aestivum Vittad.). Scientific Reports, 2021, 11, 6167. | 3.3 | 6 |
| 56 | Ectomycorrhizal fungal community associated with autochthonous white poplar from Serbia. IForest, 2016, 9, 330-336. | 1.4 | 6 |
| 57 | Mycorrhizosphere Complexity. Developments in Environmental Science, 2013, 13, 151-177. | 0.5 | 5 |
| 58 | Hysterangium atlanticum sp. nov., forms ectomycorrhizae with Coccoloba species (Polygonaceae) from the Atlantic rainforest of Northeastern Brazil. Symbiosis, 2019, 78, 275-286. | 2.3 | 5 |
| 59 | Ozone Stress and Ectomycorrhizal Rootâ€“Shoot Signaling. , 2008, , 337-357. | | 4 |
| 60 | Notes on mycophagy of Descomyces albus (Basidiomycota) in southern Brazil. Mycosphere, 2015, 6, 620-629. | 6.1 | 4 |
| 61 | First report of European truffle ectomycorrhiza in the semi-arid climate of Saudi Arabia. 3 Biotech, 2021, 11, 24. | 2.2 | 3 |
| 62 | Fungos ectomicorrÃzicos em plantaÃ§Ãµes de nogueira-pecÃ£ e o potencial da truficultura no Brasil. Ciencia Florestal, 2019, 29, 975. | 0.3 | 3 |
| 63 | Association of ectomycorrhizal fungi with Picea crassifolia (Pinaceae, Piceoidae) from high-altitude stands in Mount Helan Nature Reserve, China. Genetics and Molecular Research, 2016, 15, . | 0.2 | 3 |
| 64 | Sclerotium-forming fungi from soils of the Atlantic rainforest of Northeastern Brazil. Plant Ecology and Evolution, 2017, 150, 358-362. | 0.7 | 2 |
| 65 | 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. | 2.1 | 2 |
| 66 | Ectomycorrhizae of Norway spruce from its southernmost natural distribution range in Serbia. IForest, 2019, 12, 43-50. | 1.4 | 1 |
| 67 | PCR primers comparisons for a successful Tuber spp. DNA region amplification in routine identifications / Primerjava PCR zaÄetnih oligonukleotidov za uspeÅ¡no pomnoÅ¾evanje DNA regije Tuber spp. pri rutinski identifikaciji. , 2020, 61, 229-238. | 0.1 | 1 |
| 68 | Potential Link between Ectomycorrhizal Community Composition and Host Tree Phenology. Forests, 2021, 12, 1719. | 2.1 | 1 |
| 69 | Title is missing!. , 2020, 15, e0232467. | | 0 |
| 70 | Title is missing!. , 2020, 15, e0232467. | | 0 |
| 71 | Title is missing!. , 2020, 15, e0232467. | | 0 |
| 72 | Title is missing!. , 2020, 15, e0232467. | | 0 |