Fungal Networks

Mini-review: Brazilian fungi diversity for biomass degradation (*biology brazil pdf*)

Microbial culture collections as pillars for promoting fungal diversity, conservation and exploitation (*biology support*)

Fungal succession on the decomposition of three plant species from a Brazilian mangrove (*support pdf*)

Diversity and Distribution of Ectomycorrhizal Fungi from Amazonian Lowland White-sand Forests in Brazil and French Guiana (*forests*)

The counting of mycorrhizal fungi spores using fuzzy mathematical morphology(*mathematics*)

Bio-inspired routing algorithm for MANETs based on fungi networks (*applications*)

Diversity of arbuscular mycorrhizal fungi along an environmental gradient in the Brazilian semiarid (*forests*)

Revegetation process increases the diversity of total and arbuscular mycorrhizal fungi in areas affected by the Fundão dam failure in Mariana, Brazil (*references*)

Phase-field modeling of constrained interactive fungal networks (*mathematics*)

Growth and metabolism in mycelial fungi (*biology*)

A mathematical approach to studying fungal mycelia (*mathematics*)

Functional Consequences of Nutrient Translocation in Mycelial Fungi (*support*)

Mapping the Growth of Fungal Hyphae: Orthogonal Cell Wall Expansion during Tip Growth and the Role of Turgor (*support references pdf*)

Evidence That Spitzenkörper Behavior Determines the Shape of a Fungal Hypha: A Test of the Hyphoid Model (*support biology mathematics*)

Shifts in Arbuscular Mycorrhizal fungal properties due to vegetative remediation of mine spoil contamination from a dam rupture in Mariana, Brazil (*references*)

Mathematical model of forests: Understories and mycorrhizal networks (*mathematics brazil*)

Community structure of arbuscular mycorrhizal fungi in fluvial and maritime dunes of Brazilian Northeast(*biology brazil references*)

Patterns of Arbuscular Mycorrhizal Fungal Distribution on Mainland and Island Sandy Coastal Plain Ecosystems in Brazil (*biology support*)

Comparison of complex networks and tree-based methods of phylogenetic analysis and proposal of a bootstrap method(*networks references pdf*)

A three-dimensional discrete lattice-based system for modeling the growth of aerial hyphae of filamentous fungi on solid surfaces: A tool for investigating micro-scale phenomena in solid-state fermentation (*modeling references*)

Mycorrhizas: dynamic and complex networks of power and influence (*networks biology references*)

First record of in vitro formation of ectomycorrhizae in Psidium cattleianum Sabine, a native Myrtaceae of the Brazilian Atlantic Forest (*biology brazil*)

Modeling the Growth of Filamentous Fungi at the Particle Scale in Solid-State Fermentation Systems (*biology modeling references*)

Brazilian highways from slime mold's point of view (*biology brazil*)

Morphology and mechanics of fungal mycelium(*biology support*)

The development of fungal networks in complex environments(*biology*)