

# Căsar Nicolăiș

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/509302/publications.pdf>

Version: 2024-02-01

7  
papers

524  
citations

1478505

6  
h-index

1720034

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g-index

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7  
docs citations

7  
times ranked

1117  
citing authors

#	ARTICLE	IF	CITATIONS
1	The soil organic matter decomposition mechanisms in ectomycorrhizal fungi are tuned for liberating soil organic nitrogen. ISME Journal, 2019, 13, 977-988.	9.8	128
2	Chemical changes in organic matter after fungal colonization in a nitrogen fertilized and unfertilized Norway spruce forest. Plant and Soil, 2017, 419, 113-126.	3.7	11
3	Type and quantity of organic amendments determine the amount of carbon stabilized in particle-size fractions of a semiarid degraded soil. Arid Land Research and Management, 2017, 31, 14-28.	1.6	2
4	Ectomycorrhizal fungi decompose soil organic matter using oxidative mechanisms adapted from saprotrophic ancestors. New Phytologist, 2016, 209, 1705-1719.	7.3	264
5	Involutin Is an Fe <sup>3+</sup> Reductant Secreted by the Ectomycorrhizal Fungus Paxillus involutus during Fenton-Based Decomposition of Organic Matter. Applied and Environmental Microbiology, 2015, 81, 8427-8433.	3.1	49
6	Soil aggregation in a semiarid soil amended with composted and non-composted sewage sludgeâ€”A field experiment. Geoderma, 2014, 219-220, 24-31.	5.1	47
7	Influence of forest cover and herbaceous vegetation on the microbiological and biochemical properties of soil under Mediterranean humid climate. European Journal of Soil Biology, 2010, 46, 273-279.	3.2	23