

# Solveig Tosi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5635413/publications.pdf>

Version: 2024-02-01

42  
papers

1,230  
citations

331259

21  
h-index

377514

34  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungi isolated from Antarctic mosses. <i>Polar Biology</i> , 2002, 25, 262-268.	0.5	166
2	Biodiversity, evolution and adaptation of fungi in extreme environments. <i>Plant Biosystems</i> , 2013, 147, 237-246.	0.8	104
3	Fungal Enzymes Involved in Plastics Biodegradation. <i>Microorganisms</i> , 2022, 10, 1180.	1.6	65
4	<i>In vitro</i> evaluation of nematophagous activity of fungal isolates. <i>Journal of Basic Microbiology</i> , 2014, 54, 1-5.	1.8	58
5	Evaluating the survival and environmental fate of the biocontrol agent <i>Trichoderma atroviride</i> SC1 in vineyards in northern Italy. <i>Journal of Applied Microbiology</i> , 2009, 106, 1549-1557.	1.4	56
6	Fungi as a toolbox for sustainable bioremediation of pesticides in soil and water. <i>Plant Biosystems</i> , 2018, 152, 474-488.	0.8	55
7	Temperature downshift induces antioxidant response in fungi isolated from Antarctica. <i>Extremophiles</i> , 2009, 13, 273-281.	0.9	47
8	Ecophysiological requirements and survival of a <i>Trichoderma atroviride</i> isolate with biocontrol potential. <i>Journal of Basic Microbiology</i> , 2008, 48, 269-277.	1.8	45
9	<i>Friedmanniomyces endolithicus</i> (Fungi, Hyphomycetes), anam.-gen. and sp. nov., from continental Antarctica. <i>Nova Hedwigia</i> , 1999, 68, 175-181.	0.2	45
10	Triterpenoid Glycosides from <i>Medicago sativa</i> as Antifungal Agents against <i>Pyricularia oryzae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11030-11036.	2.4	42
11	Antioxidant enzyme activity of filamentous fungi isolated from Livingston Island, Maritime Antarctica. <i>Polar Biology</i> , 2010, 33, 1227-1237.	0.5	39
12	Ecology and biology of microfungi from Antarctic rocks and soils. <i>Italian Journal of Zoology</i> , 2000, 67, 163-167.	0.6	36
13	Sink or swim: Updated knowledge on marine fungi associated with wood substrates in the Mediterranean Sea and hints about their potential to remediate hydrocarbons. <i>Progress in Oceanography</i> , 2015, 137, 140-148.	1.5	36
14	Adaptation of fungi, including yeasts, to cold environments. <i>Plant Biosystems</i> , 2013, 147, 247-258.	0.8	34
15	Antifungal Acylcyclopentenediones from Fruiting Bodies of <i>Hygrophorus chrysodon</i> . <i>Journal of Natural Products</i> , 2007, 70, 137-139.	1.5	33
16	Isolation and Identification of Filamentous Fungi from Island Livingston, Antarctica. <i>Biotechnology and Biotechnological Equipment</i> , 2009, 23, 267-270.	0.5	33
17	Hydrocarbon Degradation and Enzyme Activities of <i>Aspergillus oryzae</i> and <i>Mucor irregularis</i> Isolated from Nigerian Crude Oil-Polluted Sites. <i>Microorganisms</i> , 2020, 8, 1912.	1.6	29
18	Phytochemical Study of the Ecuadorian Species <i>Lepechinia mutica</i> (Benth.) Epling and High Antifungal Activity of Carnosol against <i>Pyricularia oryzae</i> . <i>Pharmaceuticals</i> , 2018, 11, 33.	1.7	28

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19	Collagenase production in an antarctic strain of <i>Arthrobotrys tortor</i> Jarowaja. <i>Mycopathologia</i> , 2002, 153, 157-162.	1.3	25
20	A metagenomic-based, cross-seasonal picture of fungal consortia associated with Italian soils subjected to different agricultural managements. <i>Fungal Ecology</i> , 2017, 30, 1-9.	0.7	25
21	Extracellular Enzymes and Bioactive Compounds from Antarctic Terrestrial Fungi for Bioprospecting. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6459.	1.2	23
22	Chemical composition and antimicrobial activity of <i>Phyllanthus muellerianus</i> (Kuntze) Excel essential oil. <i>Journal of Ethnopharmacology</i> , 2012, 142, 657-662.	2.0	22
23	Trichoderma: Evaluation of Its Degrading Abilities for the Bioremediation of Hydrocarbon Complex Mixtures. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3152.	1.3	20
24	Influence of L-galactonic acid gamma-lactone on ascorbate production in some yeasts. <i>Antonie Van Leeuwenhoek</i> , 1997, 71, 277-280.	0.7	19
25	Antimicrobial and phytochemical properties of stem bark extracts from <i>Piptadeniastrum africanum</i> (Hook f.) Brenan. <i>Industrial Crops and Products</i> , 2013, 43, 612-616.	2.5	19
26	High spots for diversity of soil and litter microfungi in Italy. <i>Plant Biosystems</i> , 2011, 145, 969-977.	0.8	17
27	Phytochemical researches and antimicrobial activity of <i>Clinopodium nubigenum</i> Kunth (Kuntze) raw extracts. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 850-855.	0.6	15
28	A meta-barcoding analysis of soil mycobiota of the upper Andean Colombian agro-environment. <i>Scientific Reports</i> , 2019, 9, 10085.	1.6	14
29	Chemical Composition and Antimicrobial Activity of the Volatile Fractions from Leaves and Flowers of the Wild Iraqi Kurdish Plant <i>Prangos peucedanifolia</i> Fenzl. <i>Chemistry and Biodiversity</i> , 2013, 10, 274-280.	1.0	11
30	Soil Microfungi of the Colombian Natural Regions. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8311.	1.2	9
31	Studying trophic interactions between a plant pathogen and two different antagonistic microorganisms using a <sup>13</sup> C-labeled compound and isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 510-516.	0.7	8
32	Chemical Composition and Antifungal Activity of Essential Oils from Flowers, Leaves, Rhizomes, and Bulbs of the Wild Iraqi Kurdish Plant <i>Iris Persica</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	8
33	Fungal biodiversity in the periglacial soil of DosdÃ¢ Glacier (Valtellina, Northern Italy). <i>Journal of Basic Microbiology</i> , 2016, 56, 263-274.	1.8	7
34	Composition, Antifungal and Antiproliferative Activities of the Hydrodistilled Oils from Leaves and Flower Heads of <i>Ptercephalus nestorianus</i> NÃlek. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700009.	1.0	7
35	The Mycobiota of High Altitude Pear Orchards Soil in Colombia. <i>Biology</i> , 2021, 10, 1002.	1.3	7
36	Soil Fungal Diversity of the Aguarongo Andean Forest (Ecuador). <i>Biology</i> , 2021, 10, 1289.	1.3	6

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37	Lipophilic Components from the Ecuadorian Plant <i>Schistocarpha Eupatorioides</i> . <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	5
38	Comparison of the oxidative stress response of two Antarctic fungi to different growth temperatures. <i>Polish Polar Research</i> , 2017, 38, 393-408.	0.9	5
39	Isotope ratio mass spectrometry identifies soil microbial biocontrol agents having trophic relations with the plant pathogen <i>Armillaria mellea</i> . <i>Applied Soil Ecology</i> , 2013, 64, 142-151.	2.1	3
40	Diversity of Mycobiota Associated with the Cereal Cyst Nematode <i>Heterodera filipjevi</i> Originating from Some Localities of the Pannonian Plain in Serbia. <i>Biology</i> , 2021, 10, 283.	1.3	3
41	Taxonomic diversity of fungi associated with some PCN populations from Serbia. <i>Pesticidi i Fitomedicina = Pesticides and Phytomedicine</i> , 2012, 27, 41-47.	0.1	1
42	Lactarane Sesquiterpenes from the European Mushrooms <i>Lactarius aurantiacus</i> , <i>L. subdulcis</i> , and <i>Russula sanguinaria</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	0