

# Sijmen E Schoustra

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,244  
citations

430874

18  
h-index

377865

34  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards valorisation of indigenous traditional fermented milk: mabisi as a model. <i>Current Opinion in Food Science</i> , 2022, 46, 100835.	8.0	4
2	Environmental Selection Shapes Bacterial Community Composition in Traditionally Fermented Maize-Based Foods from Benin, Tanzania and Zambia. <i>Microorganisms</i> , 2022, 10, 1354.	3.6	2
3	Dynamics of <i>Aspergillus fumigatus</i> in Azole Fungicide-Containing Plant Waste in the Netherlands (2016–2017). <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	20
4	Experimental Evolution of Interference Competition. <i>Frontiers in Microbiology</i> , 2021, 12, 613450.	3.5	4
5	Selective Flamingo Medium for the Isolation of <i>Aspergillus fumigatus</i> . <i>Microorganisms</i> , 2021, 9, 1155.	3.6	3
6	Contribution of traditional fermented foods to food systems transformation: value addition and inclusive entrepreneurship. <i>Food Security</i> , 2021, 13, 1163-1177.	5.3	20
7	Eco-Evolutionary Dynamics in Microbial Communities from Spontaneous Fermented Foods. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10093.	2.6	8
8	Microbial population dynamics during traditional production of Mabisi, a spontaneous fermented milk product from Zambia: a field trial. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 184.	3.6	14
9	The one health problem of azole resistance in <i>Aspergillus fumigatus</i> : current insights and future research agenda. <i>Fungal Biology Reviews</i> , 2020, 34, 202-214.	4.7	68
10	Composition and Diversity of Natural Bacterial Communities in Mabisi, a Traditionally Fermented Milk. <i>Frontiers in Microbiology</i> , 2020, 11, 1816.	3.5	20
11	Potential contribution of cereal and milk based fermented foods to dietary nutrient intake of 1-5 years old children in Central province in Zambia. <i>PLoS ONE</i> , 2020, 15, e0232824.	2.5	14
12	Nutritional Composition and Microbial Communities of Two Non-alcoholic Traditional Fermented Beverages from Zambia: A Study of Mabisi and Munkoyo. <i>Nutrients</i> , 2020, 12, 1628.	4.1	23
13	How processing methods affect the microbial community composition in a cereal-based fermented beverage. <i>LWT - Food Science and Technology</i> , 2020, 128, 109451.	5.2	10
14	The Munkoyo Root: Traditional Uses, Biochemistry, Fermentation, and Potential Cultivation. <i>ACS Symposium Series</i> , 2020, , 81-99.	0.5	2
15	Fermented cereal-based Munkoyo beverage: Processing practices, microbial diversity and aroma compounds. <i>PLoS ONE</i> , 2019, 14, e0223501.	2.5	35
16	Environmental Hotspots for Azole Resistance Selection of <i>Aspergillus fumigatus</i> , the Netherlands. <i>Emerging Infectious Diseases</i> , 2019, 25, 1347-1353.	4.3	95
17	Bacterial community dynamics in lait caillé, a traditional product of spontaneous fermentation from Senegal. <i>PLoS ONE</i> , 2019, 14, e0215658.	2.5	12
18	The art of mabisi production: A traditional fermented milk. <i>PLoS ONE</i> , 2019, 14, e0213541.	2.5	28

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19	Robust sampling and preservation of DNA for microbial community profiling in field experiments. BMC Research Notes, 2019, 12, 159.	1.4	2
20	Relevance of heterokaryosis for adaptation and azole-resistance development in <i>Aspergillus fumigatus</i> . Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182886.	2.6	15
21	Title is missing!. , 2019, 14, e0223501.		0
22	Title is missing!. , 2019, 14, e0223501.		0
23	Title is missing!. , 2019, 14, e0223501.		0
24	Title is missing!. , 2019, 14, e0223501.		0
25	Experimental evolution to increase the efficacy of the entomopathogenic fungus <i>Beauveria bassiana</i> against malaria mosquitoes: Effects on mycelial growth and virulence. Evolutionary Applications, 2017, 10, 433-443.	3.1	22
26	Evolution of cross-resistance to medical triazoles in <i>Aspergillus fumigatus</i> through selection pressure of environmental fungicides. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170635.	2.6	51
27	Genomics of Compensatory Adaptation in Experimental Populations of <i>Aspergillus nidulans</i> . G3: Genes, Genomes, Genetics, 2017, 7, 427-436.	1.8	3
28	A Novel Environmental Azole Resistance Mutation in <i>Aspergillus fumigatus</i> and a Possible Role of Sexual Reproduction in Its Emergence. MBio, 2017, 8, .	4.1	104
29	Diminishing-returns epistasis among random beneficial mutations in a multicellular fungus. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161376.	2.6	51
30	In-host adaptation and acquired triazole resistance in <i>Aspergillus fumigatus</i> : a dilemma for clinical management. Lancet Infectious Diseases, The, 2016, 16, e251-e260.	9.1	123
31	Asexual sporulation facilitates adaptation: The emergence of azole resistance in <i>Aspergillus fumigatus</i> . Evolution; International Journal of Organic Evolution, 2015, 69, 2573-2586.	2.3	35
32	Natural variation in virulence of the entomopathogenic fungus <i>Beauveria bassiana</i> against malaria mosquitoes. Malaria Journal, 2014, 13, 479.	2.3	43
33	Modelling colony population growth in the filamentous fungus <i>Aspergillus nidulans</i> . Journal of Theoretical Biology, 2013, 320, 124-130.	1.7	9
34	Microbial Community Structure of Three Traditional Zambian Fermented Products: Mabisi, Chibwantu and Munkoyo. PLoS ONE, 2013, 8, e63948.	2.5	70
35	Correlation of mycelial growth rate with other phenotypic characters in evolved genotypes of <i>Aspergillus nidulans</i> . Fungal Biology, 2012, 116, 630-636.	2.5	12
36	Antagonistic interactions peak at intermediate genetic distance in clinical and laboratory strains of <i>Pseudomonas aeruginosa</i> . BMC Microbiology, 2012, 12, 40.	3.3	21

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37	Multivariate Phenotypic Divergence Due to the Fixation of Beneficial Mutations in Experimentally Evolved Lineages of a Filamentous Fungus. PLoS ONE, 2012, 7, e50305.	2.5	10
38	Population consequences of mutational events: effects of antibiotic resistance on the r/K trade-off. Evolutionary Ecology, 2010, 24, 227-236.	1.2	25
39	Fitness-Associated Sexual Reproduction in a Filamentous Fungus. Current Biology, 2010, 20, 1350-1355.	3.9	52
40	The Properties of Adaptive Walks in Evolving Populations of Fungus. PLoS Biology, 2009, 7, e1000250.	5.6	111
41	Mitotic Recombination Accelerates Adaptation in the Fungus <i>Aspergillus nidulans</i> . PLoS Genetics, 2007, 3, e68.	3.5	103