Tapani Yli-Mattila

List of Publications by Year in descending order

46 papers	1,782 citations	361413 20 h-index	276875 41 g-index
49 all docs	49 docs citations	49 times ranked	1939 citing authors

#	Article	IF	Citations
1	One Fungus, One Name: Defining the Genus Fusarium in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	2.2	219
2	A novel Asian clade within the Fusarium graminearum species complex includes a newly discovered cereal head blight pathogen from the Russian Far East. Mycologia, 2009, 101, 841-852.	1.9	169
3	A European Database of Fusarium graminearum and F. culmorum Trichothecene Genotypes. Frontiers in Microbiology, 2016, 7, 406.	3.5	124
4	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a MonophyleticFusariumthat Includes theFusarium solaniSpecies Complex. Phytopathology, 2021, 111, 1064-1079.	2.2	107
5	Molecular phylogeny, pathogenicity and toxigenicity of Fusarium oxysporum f. sp. lycopersici. Scientific Reports, 2016, 6, 21367.	3.3	89
6	Mould incidence and mycotoxin contamination in freshly harvested maize kernels originated from India. Journal of the Science of Food and Agriculture, 2014, 94, 2674-2683.	3.5	86
7	Updated survey of Fusarium species and toxins in Finnish cereal grains. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 831-848.	2.3	82
8	Molecular, morphological and phylogenetic analysis of the Fusarium avenaceum/F. arthrosporioides/F. tricinctum species complex â€“a polyphasic approach. Mycological Research, 2002, 106, 655-669.	2.5	79
9	Molecular and Morphological Diversity of Fusarium Species in Finland and North-Western Russia. European Journal of Plant Pathology, 2004, 110, 573-585.	1.7	78
10	Phylogenetic relationship of Fusarium langsethiae to Fusarium poae and Fusarium sporotrichioides as inferred by IGS, ITS, Î²-tubulin sequences and UP-PCR hybridization analysis. International Journal of Food Microbiology, 2004, 95, 267-285.	4.7	75
11	Real-time PCR for Quantification of Toxigenic Fusarium Species in Barley and Malt. European Journal of Plant Pathology, 2006, 114, 371-380.	1.7	75
12	Fusarium sibiricum sp. nov, a novel type A trichothecene-producing Fusarium from northern Asia closely related to F. sporotrichioides and F. langsethiae. International Journal of Food Microbiology, 2011, 147, 58-68.	4.7	61
13	IGSâ€“RFLP analysis and development of molecular markers for identification of Fusarium poae, Fusarium langsethiae, Fusarium sporotrichioides and Fusarium kyushuense. International Journal of Food Microbiology, 2004, 95, 321-331.	4.7	57
14	Title is missing!. European Journal of Plant Pathology, 2000, 106, 187-198.	1.7	41
15	Phylogenetic relationships among genotypes of worldwide collection of spring and winter ryes (Secale cereale L.) determined by RAPD-PCR markers. Hereditas, 2004, 140, 210-221.	1.4	34
16	Molecular characterization of pathogenic Fusarium species in cucurbit plants from Kermanshah province, Iran. Saudi Journal of Biological Sciences, 2011, 18, 341-351.	3.8	32
17	Molecular Quantification and Genetic Diversity of Toxigenic Fusarium Species in Northern Europe as Compared to Those in Southern Europe. Microorganisms, 2013, 1, 162-174.	3.6	31
18	Prevalence, species composition, genetic variation and pathogenicity of clover rot (Sclerotinia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 126, 13-27.	1.7	24

#	Article	IF	Citations
19	Molecular Chemotyping of Fusarium graminearum, F. culmorum, and F. cerealis Isolates From Finland and Russia. , 2010, , 159-177.		24
20	Universally primed polymerase chain reaction analysis of Fusarium avenaceum isolated from wheat and barley in Finland. Agricultural and Food Science, 1997, 6, 25-36.	0.9	22
21	Assessment of genetic variation in timothy (Phleum pratense L.) using RAPD and UP-PCR. Hereditas, 2003, 138, 101-113.	1.4	21
22	Sources of resistance to Fusarium head blight in VIR oat collection. Euphytica, 2013, 191, 355-364.	1.2	21
23	The effect of UV-A light on cAMP level in the basidiomycete Schizophyllum commune. Physiologia Plantarum, 1987, 69, 451-455.	5.2	20
24	Species and strain identification of the predatory mite Euseius finlandicus by RAPD-PCR and ITS sequences. Experimental and Applied Acarology, 2000, 24, 863-880.	1.6	20
25	Photoregulation of dikaryon-specific mRNAs and proteins by UV-A light inSchizophyllum commune. Current Microbiology, 1989, 18, 289-295.	2.2	17
26	Genetic diversity in Finland of the birch endophyte Gnomonia setacea as determined by RAPD-PCR markers. Mycological Research, 1999, 103, 328-332.	2.5	14
27	Action spectrum for fruiting in the basidiomycete Schizophyllum commune. Physiologia Plantarum, 1985, 65, 287-293.	5.2	13
28	Capacity for photoinduced fruiting in a dikaryon of Schizophyllum commune. Transactions of the British Mycological Society, 1985, 85, 145-151.	0.6	13
29	Morphological and Molecular Variation Between Fusarium avenaceum, Fusarium arthrosporioides and Fusarium anguioides Strains. Pathogens, 2018, 7, 94.	2.8	12
30	Molecular Diversity of Seed-borne Fusarium Species Associated with Maize in India. Current Genomics, 2016, 17, 132-144.	1.6	12
31	Biocontrol of Fusarium graminearum, a Causal Agent of Fusarium Head Blight of Wheat, and Deoxynivalenol Accumulation: From In Vitro to In Planta. Toxins, 2022, 14, 299.	3.4	12
32	Analysis of genetic diversity of Furcellaria lumbricalis (Gigartinales, Rhodophyta) in the Baltic Sea by RAPD-PCR technique. Phycologia, 2000, 39, 109-117.	1.4	10
33	A Polyphasic Approach to Compare the Genomic Profiles of Aflatoxigenic and Non-Aflatoxigenic Isolates of Aspergillus Section Flavi. Toxins, 2020, 12, 56.	3.4	10
34	Single-step noncompetitive immunocomplex immunoassay for rapid aflatoxin detection. Food Chemistry, 2022, 392, 133287.	8.2	10
35	Geographic Distribution of Avirulence Genes of the Rice Blast Fungus Magnaporthe oryzae in the Philippines. Microorganisms, 2019, 7, 23.	3.6	9
36	Multiplex Detection of Fusarium Species. Methods in Molecular Biology, 2017, 1542, 269-291.	0.9	8

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37	Fumonisins in African Countries. Toxins, 2022, 14, 419.	3.4	7
38	Multilocus genotyping based species identification of entomopathogenic fungi of the genus Lecanicillium (=Verticillium lecanii s.l.). Journal of Basic Microbiology, 2017, 57, 950-961.	3.3	6
39	A methanolic extract of Zanthoxylum bungeanum modulates secondary metabolism regulator genes in Aspergillus flavus and shuts down aflatoxin production. Scientific Reports, 2022, 12, 5995.	3.3	6
40	Thiophanate methyl susceptibility and alterations in tri5, Mgv1 and StuA expression among Fusarium graminearum and F. culmorum isolates. Journal of Plant Pathology, 2018, 100, 447-455.	1.2	5
41	New genotypes of aflatoxigenic fungi from Egypt and the Philippines. Current Research in Environmental and Applied Mycology, 2020, 10, 142-155.	0.6	4
42	Class B-Trichothecene Profiles of Fusarium Species as Causal Agents of Head Blight. , 2019, , 347-376.		4
43	Polymorphism of Beauveria bassiana (Deuteromycota: Hyphomycetes) strains isolated from Ixodes ricinus (Acari: Ixodidae) in Moldova. Ticks and Tick-borne Diseases, 2011, 2, 50-54.	2.7	3
44	Emergence of Fusarium verticillioides in Finland. European Journal of Plant Pathology, 2020, 158, 1051-1057.	1.7	3
45	Molecular Variation and Phylogeny within Fusarium avenaceum and Related Species. Diversity, 2022, 14, 574.	1.7	3
46	TERPINOLENE IS AN EFFECTIVE ESSENTIAL OIL COMPOUND TO PROTECT Hordeum vulgare L. FROM Fusarium avenaceum. Trakya University Journal of Natural Sciences, 0, , .	0.4	0