Marijke Hendrickx

List of Publications by Year
in descending order

62 papers	3,021 citations	201674 27 h-index	161849 54 g-index
62 all docs	62 docs citations	62 times ranked	4119 citing authors

#	Article	IF	Citations
1	Toward a Novel Multilocus Phylogenetic Taxonomy for the Dermatophytes. Mycopathologia, 2017, 182, 5-31.	3.1	447
2	International Society of Human and Animal Mycology (ISHAM)-ITS reference DNA barcoding databaseâ€"the quality controlled standard tool for routine identification of human and animal pathogenic fungi. Medical Mycology, 2015, 53, 313-337.	0.7	252
3	Mould Routine Identification in the Clinical Laboratory by Matrix-Assisted Laser Desorption Ionization Time-Of-Flight Mass Spectrometry. PLoS ONE, 2011, 6, e28425.	2.5	213
4	Temperature-related changes in airborne allergenic pollen abundance and seasonality across the northern hemisphere: a retrospective data analysis. Lancet Planetary Health, The, 2019, 3, e124-e131.	11.4	204
5	Identification of filamentous fungi isolates by MALDI-TOF mass spectrometry: clinical evaluation of an extended reference spectra library. Medical Mycology, 2014, 52, 826-834.	0.7	111
6	MALDIâ€TOF mass spectrometry identification of filamentous fungi in the clinical laboratory. Mycoses, 2014, 57, 135-140.	4.0	107
7	Assessment of various parameters to improve MALDI-TOF MS reference spectra libraries constructed for the routine identification of filamentous fungi. BMC Microbiology, 2013, 13, 76.	3.3	92
8	Wnt3a binds to several sFRPs in the nanomolar range. Biochemical and Biophysical Research Communications, 2007, 357, 1119-1123.	2.1	89
9	A MALDI-TOF MS procedure for clinical dermatophyte species identification in the routine laboratory. Medical Mycology, 2013, 51, 713-720.	0.7	88
10	Nonâ€conventional Frizzled ligands and Wnt receptors. Development Growth and Differentiation, 2008, 50, 229-243.	1.5	82
11	Decision criteria for MALDI-TOF MS-based identification of filamentous fungi using commercial and in-house reference databases. BMC Microbiology, 2017, 17, 25.	3.3	81
12	An optimized procedure for whole-mount in situ hybridization on mouse embryos and embryoid bodies. Nature Protocols, 2008, 3, 1194-1201.	12.0	78
13	Use of Matrix-Assisted Laser Desorption Ionizationâ€"Time of Flight Mass Spectrometry for Identification of Molds of the Fusarium Genus. Journal of Clinical Microbiology, 2015, 53, 465-476.	3.9	63
14	Expression ofFrizzled5, Frizzled7, andFrizzled10 during early mouse development and interactions with canonical Wnt signaling. Developmental Dynamics, 2007, 236, 2011-2019.	1.8	61
15	Matrix-Assisted Laser Desorption Ionizationâ€"Time of Flight Mass Spectrometry for Combined Species Identification and Drug Sensitivity Testing in Mycobacteria. Journal of Clinical Microbiology, 2017, 55, 624-634.	3.9	58
16	Silicone Wristband Passive Samplers Yield Highly Individualized Pesticide Residue Exposure Profiles. Environmental Science & Technology, 2018, 52, 298-307.	10.0	54
17	Comparative long-term trend analysis of daily weather conditions with daily pollen concentrations in Brussels, Belgium. International Journal of Biometeorology, 2018, 62, 483-491.	3.0	51
18	Evaluation of three <scp>MALDI</scp>â€<scp>TOF</scp> mass spectrometry libraries for the identification of filamentous fungi in three clinical microbiology laboratories in Manitoba, Canada. Mycoses, 2018, 61, 743-753.	4.0	50

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19	The taxonomic status ofTrichophyton quinckeanumandT. interdigitalerevisited: a multigene phylogenetic approach. Medical Mycology, 2012, 50, 871-882.	0.7	49
20	Increasing candidaemia incidence from 2004 to 2015 with a shift in epidemiology in patients preexposed to antifungals. Mycoses, 2018, 61, 127-133.	4.0	47
21	Identification of theTrichophyton mentagrophytescomplex species using MALDI-TOF mass spectrometry. Medical Mycology, 2013, 51, 580-585.	0.7	46
22	Relationships between aeroallergen levels and hospital admissions for asthma in the Brussels-Capital Region: a daily time series analysis. Environmental Health, 2018, 17, 35.	4.0	46
23	Aspergillus tubingensis: a major filamentous fungus found in the airways of patients with lung disease. Medical Mycology, 2016, 54, 459-470.	0.7	41
24	Multi-centric evaluation of the online MSI platform for the identification of cryptic and rare species of Aspergillus by MALDI-TOF. Medical Mycology, 2019, 57, 962-968.	0.7	40
25	Species Distinction in the Trichophyton rubrum Complex. Journal of Clinical Microbiology, 2019, 57, .	3.9	35
26	Black aspergilli: A remaining challenge in fungal taxonomy?. Medical Mycology, 2019, 57, 773-780.	0.7	30
27	Tree pollen allergy risks and changes across scenarios in urban green spaces in Brussels, Belgium. Landscape and Urban Planning, 2021, 207, 104001.	7.5	30
28	Rapid identification of clinical members of Fusarium fujikuroi complex using MALDI-TOF MS. Future Microbiology, 2015, 10, 1939-1952.	2.0	29
29	Cryptococcus neoformans population diversity and clinical outcomes of HIV-associated cryptococcal meningitis patients in Zimbabwe. Journal of Medical Microbiology, 2016, 65, 1281-1288.	1.8	28
30	Thirty-four years of pollen monitoring: an evaluation of the temporal variation of pollen seasons in Belgium. Aerobiologia, 2018, 34, 139-155.	1.7	27
31	Residential green space and medication sales for childhood asthma: A longitudinal ecological study in Belgium. Environmental Research, 2020, 189, 109914.	7.5	27
32	Optimization of MALDI-ToF mass spectrometry for yeast identification: a multicenter study. Medical Mycology, 2020, 58, 639-649.	0.7	25
33	Exposure to green space and pollen allergy symptom severity: A case-crossover study in Belgium. Science of the Total Environment, 2021, 781, 146682.	8.0	25
34	Identification of fungal isolates by MALDI-TOF mass spectrometry in veterinary practice: validation of a web application. Journal of Veterinary Diagnostic Investigation, 2019, 31, 471-474.	1.1	21
35	Postharvest Disease of Banana Caused by Fusarium musae: A Public Health Concern?. PLoS Pathogens, 2016, 12, e1005940.	4.7	20
36	Molecular typing and antifungal susceptibility of Exophiala isolates from patients with cystic fibrosis. Journal of Medical Microbiology, 2012, 61, 1226-1233.	1.8	19

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37	Banana infecting fungus,Fusarium musae, is also an opportunistic human pathogen: Are bananas potential carriers and source of fusariosis?. Mycologia, 2015, 107, 46-53.	1.9	19
38	Short-Term Effect of Pollen and Spore Exposure on Allergy Morbidity in the Brussels-Capital Region. EcoHealth, 2016, 13, 303-315.	2.0	19
39	Screening of strains of the Candida parapsilosis group of the BCCM/IHEM collection by MALDI-TOF MS. Diagnostic Microbiology and Infectious Disease, 2011, 70, 544-548.	1.8	18
40	Spatio-temporal monitoring and modelling of birch pollen levels in Belgium. Aerobiologia, 2019, 35, 703-717.	1.7	18
41	Anteriorâ€“posterior patterning of neural differentiated embryonic stem cells by canonical Wnts, Fgfs, Bmp4 and their respective antagonists. Development Growth and Differentiation, 2009, 51, 687-698.	1.5	17
42	IsTrichophyton simiiendemic to the Indian subcontinent?. Medical Mycology, 2013, 51, 444-448.	0.7	16
43	Clonal Spread of Candida glabrata Bloodstream Isolates and Fluconazole Resistance Affected by Prolonged Exposure: a 12-Year Single-Center Study in Belgium. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	16
44	Quality control in culture collections: Confirming identity of filamentous fungi by MALDI-TOF MS. Mycoscience, 2015, 56, 273-279.	0.8	15
45	Growth differentiation Factor 11 is an encephalic regionalizing factor in neural differentiated mouse embryonic stem cells. BMC Research Notes, 2014, 7, 766.	1.4	14
46	MALDI-TOF MS and Filamentous Fungal Identification: A Success Story?. Current Fungal Infection Reports, 2017, 11, 60-65.	2.6	13
47	Lineages Within the Trichophyton rubrum Complex. Mycopathologia, 2019, 185, 123-136.	3.1	13
48	Invasive aspergillosis due to Aspergillus cryptic species: A prospective multicentre study. Mycoses, 2021, 64, 1346-1353.	4.0	13
49	Fusarium musaeinfected banana fruits as potential source of human fusariosis: May occur more frequently than we might think and hypotheses about infection. Communicative and Integrative Biology, 2016, 9, e1162934.	1.4	11
50	Systemic antifungal drug use in Belgiumâ€”One of the biggest antifungal consumers in Europe. Mycoses, 2019, 62, 542-550.	4.0	8
51	An atypical, pigment-producingMetschnikowiastrain from a leukaemia patient. Medical Mycology, 2013, 51, 438-443.	0.7	7
52	Screening strategy targeting the presence of food enzyme-producing fungi in food enzyme preparations. Food Control, 2020, 117, 107295.	5.5	6
53	Superficial mycoses in Belgium: Burden, costs and antifungal drugs consumption. Mycoses, 2020, 63, 500-508.	4.0	6
54	Mapping abundance distributions of allergenic tree species in urbanized landscapes: A nation-wide study for Belgium using forest inventory and citizen science data. Landscape and Urban Planning, 2022, 218, 104286.	7.5	6

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55	Infestation mechanisms of two woodborer species in the mangrove Sonneratia albaÂJ. Smith in Kenya and co-occurring endophytic fungi. PLoS ONE, 2019, 14, e0221285.	2.5	5
56	Association between local airborne tree pollen composition and surrounding land cover across different spatial scales in Northern Belgium. Urban Forestry and Urban Greening, 2021, 61, 127082.	5.3	5
57	New ECCO model documents for Material Deposit and Transfer Agreements in compliance with the Nagoya Protocol. FEMS Microbiology Letters, 2020, 367, .	1.8	4
58	Unique Phylogenetic Lineage Found in the Fusarium-like Clade after Re-examining BCCM/IHEM Fungal Culture Collection Material. Mycobiology, 2016, 44, 121-130.	1.7	3
59	Increased expression of ILâ€33 is found in the lower airways of patients with seasonal allergic rhinitis and is not related to natural allergen exposure. Clinical and Experimental Allergy, 2021, 51, 845-848.	2.9	2
60	Proof-of-concept study of a new LC-ESI-MS/MS-based assay to identify Aspergillus spp. in artificially mixed samples using species/genus-specific proteotypic peptides. Mycological Progress, 2017, 16, 231-246.	1.4	1
61	The Trichophyton rubrum Complex. , 2021, , 199-210.		0
62	Spatio-Temporal Modeling of Grass and Birch Pollen in Belgium. Springer Proceedings in Complexity, 2021, , 113-118.	0.3	0