Catherine H Pashley

List of Publications by Year
in descending order

47 papers	3,058 citations	236612 25 h-index	233125 45 g-index
48 all docs	48 docs citations	48 times ranked	4026 citing authors

#	Article	IF	Citations
1	Fungi and allergic lower respiratory tract diseases. Journal of Allergy and Clinical Immunology, 2012, 129, 280-291.	1.5	398
2	A Genomic Scan for Selection Reveals Candidates for Genes Involved in the Evolution of Cultivated Sunflower (Helianthus annuus). Plant Cell, 2008, 20, 2931-2945.	3.1	269
3	Fungal allergy in asthmaâ€“state of the art and research needs. Clinical and Translational Allergy, 2014, 4, 14.	1.4	264
4	IgE Sensitization toAspergillus fumigatusIs Associated with Reduced Lung Function in Asthma. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1362-1368.	2.5	222
5	Preserving Accuracy in GenBank. Science, 2008, 319, 1616-1616.	6.0	198
6	EST Databases as a Source for Molecular Markers: Lessons from Helianthus. Journal of Heredity, 2006, 97, 381-388.	1.0	174
7	Aspergillus fumigatus during stable state and exacerbations of COPD. European Respiratory Journal, 2014, 43, 64-71.	3.1	110
8	Geographic and temporal variations in pollen exposure across <scp>E</scp>urope. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 913-923.	2.7	109
9	Routine processing procedures for isolating filamentous fungi from respiratory sputum samples may underestimate fungal prevalence. Medical Mycology, 2012, 50, 433-438.	0.3	94
10	High genetic diversity in a rare and endangered sunflower as compared to a common congener. Molecular Ecology, 2006, 15, 2345-2355.	2.0	91
11	Isolation of filamentous fungi from sputum in asthma is associated with reduced postâ€bronchodilator FEV₁. Clinical and Experimental Allergy, 2012, 42, 782-791.	1.4	90
12	DNA analysis of outdoor air reveals a high degree of fungal diversity, temporal variability, and genera not seen by spore morphology. Fungal Biology, 2012, 116, 214-224.	1.1	86
13	Allergic Fungal Airway Disease. Journal of Investigational Allergology and Clinical Immunology, 2016, 26, 344-354.	0.6	76
14	Effectiveness of voriconazole in the treatment of Aspergillus fumigatusâ€“associated asthma (EVITA3) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	74
15	The relationship between biomarkers of fungal allergy and lung damage in asthma. Clinical and Experimental Allergy, 2017, 47, 48-56.	1.4	63
16	Airborne Alternaria and Cladosporium fungal spores in Europe: Forecasting possibilities and relationships with meteorological parameters. Science of the Total Environment, 2019, 653, 938-946.	3.9	61
17	Alternaria spores in the air across Europe: abundance, seasonality and relationships with climate, meteorology and local environment. Aerobiologia, 2016, 32, 3-22.	0.7	57
18	Amplicon â€“Based Metagenomic Analysis of Mixed Fungal Samples Using Proton Release Amplicon Sequencing. PLoS ONE, 2014, 9, e93849.	1.1	57

#	Article	IF	Citations
19	Allergic fungal airway disease. Current Opinion in Pulmonary Medicine, 2015, 21, 39-47.	1.2	54
20	Spatial and temporal variations in airborne Ambrosia pollen in Europe. Aerobiologia, 2017, 33, 181-189.	0.7	49
21	The long distance transport of airborne Ambrosia pollen to the UK and the Netherlands from Central and south Europe. International Journal of Biometeorology, 2016, 60, 1829-1839.	1.3	47
22	Fungal Culture and Sensitisation in Asthma, Cystic Fibrosis and Chronic Obstructive Pulmonary Disorder: What Does It Tell Us?. Mycopathologia, 2014, 178, 457-463.	1.3	37
23	A systematic review of outdoor airborne fungal spore seasonality across Europe and the implications for health. Science of the Total Environment, 2022, 818, 151716.	3.9	36
24	New Perspectives in the Diagnosis and Management of Allergic Fungal Airway Disease. Journal of Asthma and Allergy, 2021, Volume 14, 557-573.	1.5	34
25	The airway fungal microbiome in asthma. Clinical and Experimental Allergy, 2020, 50, 1325-1341.	1.4	31
26	Reproducibility between counts of airborne allergenic pollen from two cities in the East Midlands, UK. Aerobiologia, 2009, 25, 249-263.	0.7	28
27	Predicting the severity of the grass pollen season and the effect of climate change in Northwest Europe. Science Advances, 2021, 7, .	4.7	28
28	Allergic fungal airways disease (AFAD): an under-recognised asthma endotype. Mycopathologia, 2021, 186, 609-622.	1.3	28
29	Isolation ofAspergillus fumigatusfrom sputum is associated with elevated airborne levels in homes of patients with asthma. Indoor Air, 2013, 23, 275-284.	2.0	23
30	Regional calendars and seasonal statistics for the United Kingdom's main pollen allergens. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1492-1494.	2.7	22
31	Challenges in Laboratory Detection of Fungal Pathogens in the Airways of Cystic Fibrosis Patients. Mycopathologia, 2018, 183, 89-100.	1.3	21
32	Fungal sensitization and positive fungal culture from sputum in children with asthma are associated with reduced lung function and acute asthma attacks respectively. Clinical and Experimental Allergy, 2021, 51, 790-800.	1.4	21
33	Oak pollen seasonality and severity across Europe and modelling the season start using a generalized phenological model. Science of the Total Environment, 2019, 663, 527-536.	3.9	18
34	Pollen season trends as markers of climate change impact: Betula, Quercus and Poaceae. Science of the Total Environment, 2022, 831, 154882.	3.9	18
35	Air mass trajectories and land cover map reveal cereals and oilseed rape as major local sources of Alternaria spores in the Midlands, UK. Atmospheric Pollution Research, 2020, 11, 1668-1679.	1.8	16
36	Sputum Inflammatory Mediators Are Increased inAspergillus fumigatusCulture-Positive Asthmatics. Allergy, Asthma and Immunology Research, 2017, 9, 177.	1.1	12

#	Article	IF	Citations
37	Lassoing a chimera: the semantics of allergic fungal airway disease. Clinical and Experimental Allergy, 2015, 45, 1746-1749.	1.4	10
38	Ragweed pollen: is climate change creating a new aeroallergen problem in the <scp>UK</scp>?. Clinical and Experimental Allergy, 2015, 45, 1262-1265.	1.4	8
39	What is allergic fungal sinusitis: A call to action. International Forum of Allergy and Rhinology, 2022, 12, 141-146.	1.5	6
40	Fungal bronchitis is a distinct clinical entity which is responsive to antifungal therapy. Chronic Respiratory Disease, 2021, 18, 147997312096444.	1.0	5
41	rAsp f3 and rAsp f4 are associated with bronchiectasis in allergic fungal airways disease. Annals of Allergy, Asthma and Immunology, 2018, 120, 325-326.	0.5	4
42	A taxonomic, cytological and genetic survey of Japanese knotweeds.l.in New Zealand indicates multiple secondary introductions from Europe and a direct introduction from Japan. New Zealand Journal of Botany, 2023, 61, 49-66.	0.8	3
43	ABPA or AFAA: That Is the Question. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1281-1282.	2.5	1
44	Fungal Bronchitis and not allergic bronchopulmonary aspergillosis. Chronic Respiratory Disease, 2021, 18, 147997312110018.	1.0	1
45	Comparative Analysis of Clinical Parameters and Sputum Biomarkers in Establishing the Relevance of Filamentous Fungi in Cystic Fibrosis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 605241.	1.8	1
46	Challenges in Laboratory Detection of Fungal Pathogens in the Airways of Cystic Fibrosis Patients. , 2018, 183, 89.		1
47	Colonisation with filamentous fungi and acute asthma exacerbations in children. , 2016, , .		1