Estelle Levetin

List of Publications by Year
in descending order

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71 papers	2,912 citations	201658 27 h-index	175241 52 g-index

75 all docs	75 docs citations	75 times ranked	3154 citing authors

#	Article	IF	Citations
1	Allergy Diagnostic Testing: An Updated Practice Parameter. Annals of Allergy, Asthma and Immunology, 2008, 100, S1-S148.	1.0	562
2	Recommended terminology for aerobiological studies. Aerobiologia, 2017, 33, 293-295.	1.7	201
3	Effects of meteorological conditions on spore plumes. International Journal of Biometeorology, 2002, 46, 107-117.	3.0	165
4	Exposure and Health Effects of Fungi on Humans. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 396-404.	3.8	157
5	Correlation of spring spore concentrations and meteorological conditions in Tulsa, Oklahoma. International Journal of Biometeorology, 2001, 45, 64-74.	3.0	136
6	Impact of weather and climate change with indoor and outdoor air quality in asthma: A Work Group Report of the AAAAI Environmental Exposure and Respiratory Health Committee. Journal of Allergy and Clinical Immunology, 2019, 143, 1702-1710.	2.9	98
7	Taxonomy of Allergenic Fungi. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 375-385.e1.	3.8	80
8	Contribution of leaf surface fungi to the air spora. Aerobiologia, 2006, 22, 3-12.	1.7	75
9	Effectiveness of Portable Indoor Air Cleaners: Sensory Testing Results. Indoor Air, 1994, 4, 179-188.	4.3	71
10	Climate Change and Our Environment: The Effect on Respiratory and Allergic Disease. Journal of Allergy and Clinical Immunology: in Practice, 2013, 1, 137-141.	3.8	69
11	Effectiveness of Germicidal UV Radiation for Reducing Fungal Contamination within Air-Handling Units. Applied and Environmental Microbiology, 2001, 67, 3712-3715.	3.1	56
12	Indoor air quality in schools: exposure to fungal allergens. Aerobiologia, 1995, 11, 27-34.	1.7	54
13	Comparison of pollen sampling with a Burkard Spore Trap and a Tauber Trap in a warm temperate climate. Grana, 2000, 39, 294-302.	0.8	54
14	Methods for aeroallergen sampling. Current Allergy and Asthma Reports, 2004, 4, 376-383.	5.3	54
15	Title is missing!. Aerobiologia, 1999, 15, 9-18.	1.7	47
16	Evidence of long-distance transport of mountain cedar pollen into Tulsa, Oklahoma. International Journal of Biometeorology, 1998, 42, 65-72.	3.0	46
17	Correlation of environmental factors with asthma and rhinitis symptoms in Tulsa, OK. Annals of Allergy, Asthma and Immunology, 2004, 92, 356-366.	1.0	43
18	Effect of sampling height on the concentration of airborne fungal spores. Annals of Allergy, Asthma and Immunology, 2008, 101, 529-534.	1.0	43

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19	Innate and Adaptive Immune Response to Fungal Products and Allergens. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 386-395.	3.8	43
20	An assessment of predictive forecasting of Juniperus ashei pollen movement in the Southern Great Plains, USA. International Journal of Biometeorology, 2003, 48, 74-82.	3.0	42
21	Changing pollen types/concentrations/distribution in the United States: Fact or fiction?. Current Allergy and Asthma Reports, 2008, 8, 418-424.	5.3	40
22	Identification and concentration of airborne basidiospores. Grana, 1991, 30, 123-128.	0.8	39
23	Clinical Evaluation and Management of Patients with Suspected Fungus Sensitivity. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 405-414.	3.8	37
24	Molecular analysis confirms the long-distance transport of Juniperus ashei pollen. PLoS ONE, 2017, 12, e0173465.	2.5	35
25	Machine Learning Applications for Earth Observation. , 2018, , 165-218.		31
26	Studies on airborne basidiospores. Aerobiologia, 1990, 6, 177-180.	1.7	30
27	Multi-year study of Ganoderma aerobiology. Aerobiologia, 2000, 16, 75-81.	1.7	29
28	Fungal Aerobiology: Exposure and Measurement. , 2002, 81, 10-27.		29
29	Procedures to Assist Health Care Providers to Determine When Home Assessments for Potential Mold Exposure Are Warranted. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 417-422.e2.	3.8	29
30	Molecular detection of airborne Emergomyces africanus, a thermally dimorphic fungal pathogen, in Cape Town, South Africa. PLoS Neglected Tropical Diseases, 2018, 12, e0006174.	3.0	27
31	Guide for interpreting reports from inspections/investigations of indoor mold. Journal of Allergy and Clinical Immunology, 2008, 121, 592-597.e7.	2.9	26
32	A long-term study of winter and early spring tree pollen in the Tulsa, Oklahoma atmosphere. Aerobiologia, 1998, 14, 21-28.	1.7	25
33	Environmental contributions to allergic disease. Current Allergy and Asthma Reports, 2001, 1, 506-514.	5.3	25
34	Home Assessment and Remediation. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 423-431.e15.	3.8	25
35	Ambrosia pollen in Tulsa, Oklahoma: aerobiology, trends, and forecasting model development. Annals of Allergy, Asthma and Immunology, 2014, 113, 641-646.	1.0	24
36	Contribution of upwind pollen sources to the characterization of Juniperus ashei phenology. Grana, 2001, 40, 133-141.	0.8	23

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37	Pollen count forecasting. Immunology and Allergy Clinics of North America, 2003, 23, 423-442.	1.9	22
38	Landscape Plant Selection Criteria for the Allergic Patient. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1869-1876.	3.8	21
39	Applying Deep Neural Networks and Ensemble Machine Learning Methods to Forecast Airborne Ambrosia Pollen. International Journal of Environmental Research and Public Health, 2019, 16, 1992.	2.6	20
40	Basidiospore allergen release: Elution from intact spores. Journal of Allergy and Clinical Immunology, 1993, 92, 306-312.	2.9	19
41	The aerobiological significance of smut spores in Tulsa, Oklahoma. Aerobiologia, 1996, 12, 177-184.	1.7	19
42	Molecular approaches for the analysis of airborne pollen. Annals of Allergy, Asthma and Immunology, 2017, 118, 204-211.e2.	1.0	19
43	Estimating the daily pollen concentration in the atmosphere using machine learning and NEXRAD weather radar data. Environmental Monitoring and Assessment, 2019, 191, 418.	2.7	19
44	Using machine learning to estimate atmospheric Ambrosia pollen concentrations in Tulsa, OK. Environmental Health Insights, 2017, 11, 117863021769939.	1.7	18
45	A comparative biochemical study of conifer pollen allergens. Aerobiologia, 1997, 13, 259-267.	1.7	16
46	The air spora close to a compost facility in Northeast Oklahoma: Part Iâ€"spore trap sampling. Aerobiologia, 2008, 24, 3-12.	1.7	16
47	Hygroscopic weight gain of pollen grains from Juniperus species. International Journal of Biometeorology, 2015, 59, 533-540.	3.0	14
48	Long-Term Effects of Crude Oil Contamination and Bioremediation in a Soil Ecosystem. Bioremediation Journal, 1997, 1, 41-51.	2.0	11
49	Penicillium andAspergillus species in the habitats of allergy patients in the Tulsa, Oklahoma area. Aerobiologia, 1997, 13, 161-166.	1.7	11
50	Aerobiology of Agricultural Pathogens. , 0, , 3.2.8-1-3.2.8-20.		10
51	Increasing Juniperus virginiana L. pollen in the Tulsa atmosphere: long-term trends, variability, and influence of meteorological conditions. International Journal of Biometeorology, 2018, 62, 229-241.	3.0	10
52	A Simplified Medium for Growth and Sporulation of Pilobolus Species. Mycologia, 1976, 68, 1254.	1.9	9
53	Morphology and Allergenic Properties of Basidiospores from Four Calvatia Species. Mycologia, 1992, 84, 759-767.	1.9	9
54	An atlas of fungal spores. Journal of Allergy and Clinical Immunology, 2004, 113, 366-368.	2.9	9

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55	Preliminary studies on the effect of the Burkard alternate orifice on airborne fungal spore concentrations. Aerobiologia, 2008, 24, 165-171.	1.7	9
56	Applying machine learning to forecast daily Ambrosia pollen using environmental and NEXRAD parameters. Environmental Monitoring and Assessment, 2019, 191, 261.	2.7	9
57	Comparison of the Interleukin-1Î²-Inducing Potency of Allergenic Spores from Higher Fungi (Basidiomycetes) in a Cryopreserved Human Whole Blood System. International Archives of Allergy and Immunology, 2014, 163, 154-162.	2.1	8
58	Myrothecium: A new indoor contaminant?. Aerobiologia, 1997, 13, 227-234.	1.7	6
59	The impact of Sharav weather conditions on airborne pollen in Jerusalem and Tel Aviv (Israel). Aerobiologia, 2018, 34, 497-511.	1.7	5
60	Morphology and Allergenic Properties of Basidiospores from Four Calvatia Species. Mycologia, 1992, 84, 759.	1.9	4
61	The aerobiological significance of smut spores in Tulsa, Oklahoma. Aerobiologia, 1996, 12, 177-184.	1.7	4
62	Allergen of the Monthâ€"Ustilago maydis. Annals of Allergy, Asthma and Immunology, 2013, 111, A13.	1.0	3
63	Allergen of the Monthâ€"Fusarium. Annals of Allergy, Asthma and Immunology, 2014, 112, A11.	1.0	3
64	Aeroallergens and Climate Change in Tulsa, Oklahoma: Long-Term Trends in the South Central United States. Frontiers in Allergy, 2021, 2, 726445.	2.8	3
65	How well do counts add up?. Annals of Allergy, Asthma and Immunology, 2006, 96, 764-765.	1.0	2
66	Reply. Journal of Allergy and Clinical Immunology: in Practice, 2013, 1, 543-544.	3.8	1
67	Machine Learning, Big Data, and Spatial Tools: A Combination to Reveal Complex Facts That Impact Environmental Health. , 2022, , 219-241.		1
68	The Influence of Nutrition on the Growth and Sporulation of Two Strains of Epicoccum nigrum. Mycologia, 1981, 73, 238.	1.9	0
69	Influence of Meteorological Conditions on Spring Cupressaceae Pollen Exposure. Journal of Allergy and Clinical Immunology, 2017, 139, AB121.	2.9	0
70	The Importance of Binomial Nomenclature for the Identification of Pollen Aeroallergens. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2642-2644.	3.8	0
71	Aerobiology. Clinical Allergy and Immunology, 2004, 18, 125-49.	0.7	0