

Peter S Thorne

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4810986/publications.pdf>

Version: 2024-02-01

234
papers

11,225
citations

28242

55
h-index

39638

94
g-index

247
all docs

247
docs citations

247
times ranked

11657
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate Immunity and Asthma Risk in Amish and Hutterite Farm Children. <i>New England Journal of Medicine</i> , 2016, 375, 411-421.	13.9	745
2	Allergenicity resulting from functional mimicry of a Toll-like receptor complex protein. <i>Nature</i> , 2009, 457, 585-588.	13.7	666
3	Inhalation Exposure Study of Titanium Dioxide Nanoparticles with a Primary Particle Size of 2 to 5 nm. <i>Environmental Health Perspectives</i> , 2007, 115, 397-402.	2.8	376
4	Impacts of Waste from Concentrated Animal Feeding Operations on Water Quality. <i>Environmental Health Perspectives</i> , 2007, 115, 308-312.	2.8	365
5	Endotoxin Exposure Is a Risk Factor for Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1371-1377.	2.5	306
6	The Potential Role of Concentrated Animal Feeding Operations in Infectious Disease Epidemics and Antibiotic Resistance. <i>Environmental Health Perspectives</i> , 2007, 115, 313-316.	2.8	276
7	Toxicity assessment of zinc oxide nanoparticles using sub-acute and sub-chronic murine inhalation models. <i>Particle and Fibre Toxicology</i> , 2014, 11, 15.	2.8	194
8	Nanosilver induces minimal lung toxicity or inflammation in a subacute murine inhalation model. <i>Particle and Fibre Toxicology</i> , 2011, 8, 5.	2.8	179
9	Exposure to multiple indoor allergens in US homes and its relationship to asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 678-684.e2.	1.5	173
10	Grain Dust and Endotoxin Inhalation Challenges Produce Similar Inflammatory Responses in Normal Subjects. <i>Chest</i> , 1996, 110, 263-270.	0.4	165
11	Evaluation of a Low-Cost Electrostatic Dust Fall Collector for Indoor Air Endotoxin Exposure Assessment. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5621-5627.	1.4	165
12	Inhalation and Dietary Exposure to PCBs in Urban and Rural Cohorts via Congener-Specific Measurements. <i>Environmental Science & Technology</i> , 2015, 49, 1156-1164.	4.6	155
13	Health Effects of Airborne Exposures from Concentrated Animal Feeding Operations. <i>Environmental Health Perspectives</i> , 2007, 115, 298-302.	2.8	149
14	Endotoxin in inner-city homes: Associations with wheeze and eczema in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 1082-1089.	1.5	145
15	Ambient endotoxin concentrations in PM10 from Southern California.. <i>Environmental Health Perspectives</i> , 2004, 112, 583-588.	2.8	144
16	Inhalation toxicology models of endotoxin- and bioaerosol-induced inflammation. <i>Toxicology</i> , 2000, 152, 13-23.	2.0	131
17	Asthma and Farm Exposures in a Cohort of Rural Iowa Children. <i>Environmental Health Perspectives</i> , 2005, 113, 350-356.	2.8	129
18	Characterization of Airborne Molds, Endotoxins, and Glucans in Homes in New Orleans after Hurricanes Katrina and Rita. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1630-1634.	1.4	128

#	ARTICLE	IF	CITATIONS
19	Community Health and Socioeconomic Issues Surrounding Concentrated Animal Feeding Operations. <i>Environmental Health Perspectives</i> , 2007, 115, 317-320.	2.8	120
20	Predictors of Endotoxin Levels in U.S. Housing. <i>Environmental Health Perspectives</i> , 2009, 117, 763-771.	2.8	108
21	Airborne PCBs and OH-PCBs Inside and Outside Urban and Rural U.S. Schools. <i>Environmental Science & Technology</i> , 2017, 51, 7853-7860.	4.6	107
22	Inflammatory response of mice to manufactured titanium dioxide nanoparticles: Comparison of size effects through different exposure routes. <i>Nanotoxicology</i> , 2007, 1, 211-226.	1.6	105
23	Indoor Environmental Quality in Six Commercial Office Buildings in the Midwest United States. <i>Journal of Occupational and Environmental Hygiene</i> , 2001, 16, 1065-1077.	0.5	102
24	Endotoxin Exposure: Predictors and Prevalence of Associated Asthma Outcomes in the United States. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1287-1297.	2.5	101
25	Mold and Endotoxin Levels in the Aftermath of Hurricane Katrina: A Pilot Project of Homes in New Orleans Undergoing Renovation. <i>Environmental Health Perspectives</i> , 2006, 114, 1883-1889.	2.8	100
26	Toxicity of copper oxide nanoparticles in lung epithelial cells exposed at the air-liquid interface compared with in vivo assessment. <i>Toxicology in Vitro</i> , 2015, 29, 502-511.	1.1	92
27	Toenail Arsenic Content and Cutaneous Melanoma in Iowa. <i>American Journal of Epidemiology</i> , 2004, 160, 679-687.	1.6	91
28	Inflammatory response of mice following inhalation exposure to iron and copper nanoparticles. <i>Nanotoxicology</i> , 2008, 2, 189-204.	1.6	91
29	Bioaerosol Concentrations in Noncomplaint, Complaint, and Intervention Homes in the Midwest. <i>AIHA Journal</i> , 1995, 56, 573-580.	0.4	90
30	First National Survey of Lead and Allergens in Housing: survey design and methods for the allergen and endotoxin components. <i>Environmental Health Perspectives</i> , 2002, 110, 527-532.	2.8	87
31	Concentrations of Bioaerosols, Odors, and Hydrogen Sulfide Inside and Downwind from Two Types of Swine Livestock Operations. <i>Journal of Occupational and Environmental Hygiene</i> , 2009, 6, 211-220.	0.4	83
32	Asthma prevalence and morbidity among rural Iowa schoolchildren. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 66-71.	1.5	81
33	Influence of rain on the abundance of bioaerosols in fine and coarse particles. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2459-2475.	1.9	81
34	PCBs and OH-PCBs in Serum from Children and Mothers in Urban and Rural U.S. Communities. <i>Environmental Science & Technology</i> , 2013, 47, 3353-3361.	4.6	80
35	Comparison of the potency of a variety of Î²-glucans to induce cytokine production in human whole blood. <i>Innate Immunity</i> , 2013, 19, 10-19.	1.1	78
36	Optimization of Airborne Endotoxin Exposure Assessment: Effects of Filter Type, Transport Conditions, Extraction Solutions, and Storage of Samples and Extracts. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6134-6143.	1.4	77

#	ARTICLE	IF	CITATIONS
37	Effects of copper nanoparticle exposure on host defense in a murine pulmonary infection model. <i>Particle and Fibre Toxicology</i> , 2011, 8, 29.	2.8	76
38	Chitosan coating of copper nanoparticles reduces <i>in vitro</i> toxicity and increases inflammation in the lung. <i>Nanotechnology</i> , 2013, 24, 395101.	1.3	73
39	Endotoxin responsiveness and subchronic grain dust-induced airway disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L203-L213.	1.3	71
40	Effect of Extraction and Assay Media on Analysis of Airborne Endotoxin. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3804-3811.	1.4	71
41	Sensitization and Exposure to Pets: The Effect on Asthma Morbidity in the US Population. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 101-107.e2.	2.0	71
42	External exposure and bioaccumulation of PCBs in humans living in a contaminated urban environment. <i>Environment International</i> , 2010, 36, 855-861.	4.8	70
43	Comparison of Endotoxin Exposure Assessment by Bioaerosol Impinger and Filter-Sampling Methods. <i>Applied and Environmental Microbiology</i> , 2001, 67, 2775-2780.	1.4	69
44	Validation of an <i>in vitro</i> exposure system for toxicity assessment of air-delivered nanomaterials. <i>Toxicology in Vitro</i> , 2013, 27, 164-173.	1.1	69
45	Evaluation of the <i>Limulus</i> Amebocyte Lysate and Recombinant Factor C Assays for Assessment of Airborne Endotoxin. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4988-4995.	1.4	68
46	Airborne Endotoxin Concentrations in Homes Burning Biomass Fuel. <i>Environmental Health Perspectives</i> , 2010, 118, 988-991.	2.8	66
47	Pathway-based predictive approaches for non-animal assessment of acute inhalation toxicity. <i>Toxicology in Vitro</i> , 2018, 52, 131-145.	1.1	66
48	Polychlorinated Biphenyls in Food. <i>Environmental Science & Technology</i> , 2020, 54, 11443-11452.	4.6	66
49	Environmental Assessment of Aerosols, Bioaerosols, and Airborne Endotoxins in a Machining Plant. <i>AIHA Journal</i> , 1996, 57, 1163-1167.	0.4	64
50	Increased Levels of Markers of Microbial Exposure in Homes with Indoor Storage of Organic Household Waste. <i>Applied and Environmental Microbiology</i> , 2000, 66, 627-631.	1.4	64
51	Metalworking Fluid with Mycobacteria and Endotoxin Induces Hypersensitivity Pneumonitis in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 759-768.	2.5	64
52	Human Serum from Urban and Rural Adolescents and Their Mothers Shows Exposure to Polychlorinated Biphenyls Not Found in Commercial Mixtures. <i>Environmental Science & Technology</i> , 2015, 49, 8105-8112.	4.6	62
53	Exposures to the Kuwait oil fires and their association with asthma and bronchitis among gulf war veterans.. <i>Environmental Health Perspectives</i> , 2002, 110, 1141-1146.	2.8	59
54	Organophosphorus pesticide exposure and neurobehavioral performance in Latino children living in an orchard community. <i>NeuroToxicology</i> , 2016, 53, 165-172.	1.4	59

#	ARTICLE	IF	CITATIONS
55	Field Evaluation of Endotoxin Air Sampling Assay Methods. <i>AIHA Journal</i> , 1997, 58, 792-799.	0.4	58
56	Impact of the Home Indoor Environment on Adult Asthma and Rhinitis. <i>Journal of Occupational and Environmental Medicine</i> , 2005, 47, 362-372.	0.9	57
57	Airborne Endotoxin Predicts Symptoms in Non-“Mouse-sensitized Technicians and Research Scientists Exposed to Laboratory Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 983-990.	2.5	55
58	Early-Onset Inflammatory Responses <i>In Vivo</i> to Adenoviral Vectors in the Presence or Absence of Lipopolysaccharide-Induced Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 1155-1164.	1.4	53
59	Six Month Tracking of Microbial Growth in a Metalworking Fluid After System Cleaning and Recharging. <i>Annals of Occupational Hygiene</i> , 2004, 48, 541-6.	1.9	52
60	Interlaboratory evaluation of endotoxin analyses in agricultural dusts—comparison of LAL assay and mass spectrometry. <i>Journal of Environmental Monitoring</i> , 2005, 7, 1371.	2.1	51
61	Association of urinary levels of bisphenols F and S used as bisphenol A substitutes with asthma and hay fever outcomes. <i>Environmental Research</i> , 2020, 183, 108944.	3.7	51
62	Effects of prenatal inhalation exposure to copper nanoparticles on murine dams and offspring. <i>Particle and Fibre Toxicology</i> , 2015, 12, 30.	2.8	50
63	Development of a Poly (lactic-co-glycolic acid) Particle Vaccine to Protect Against House Dust Mite Induced Allergy. <i>AAPS Journal</i> , 2014, 16, 975-985.	2.2	48
64	The fate of inhaled 14C-labeled PCB11 and its metabolites in vivo. <i>Environment International</i> , 2014, 63, 92-100.	4.8	48
65	Respiratory symptoms and lung function abnormalities among machine operators in automobile production. , 1997, 31, 403-413.		47
66	House Dust Endotoxin Levels Are Associated with Adult Asthma in a U.S. Farming Population. <i>Annals of the American Thoracic Society</i> , 2017, 14, 324-331.	1.5	47
67	Dermatitis among automobile production machine operators exposed to metal-working fluids. , 1996, 30, 421-429.		46
68	Effects of Ambient Coarse, Fine, and Ultrafine Particles and Their Biological Constituents on Systemic Biomarkers: A Controlled Human Exposure Study. <i>Environmental Health Perspectives</i> , 2015, 123, 534-540.	2.8	45
69	Effect of School Integrated Pest Management or Classroom Air Filter Purifiers on Asthma Symptoms in Students With Active Asthma. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 839.	3.8	45
70	Inter- and intraindividual variation of endotoxin- and $\beta(1 \rightarrow 3)$ -glucan-induced cytokine responses in a whole blood assay. <i>Toxicology and Industrial Health</i> , 2002, 18, 15-27.	0.6	43
71	Monitoring and Modeling of Emissions from Concentrated Animal Feeding Operations: Overview of Methods. <i>Environmental Health Perspectives</i> , 2007, 115, 303-307.	2.8	43
72	Amine modification of nonporous silica nanoparticles reduces inflammatory response following intratracheal instillation in murine lungs. <i>Toxicology Letters</i> , 2016, 241, 207-215.	0.4	43

#	ARTICLE	IF	CITATIONS
73	Influence of exposure to coarse, fine and ultrafine urban particulate matter and their biological constituents on neural biomarkers in a randomized controlled crossover study. <i>Environment International</i> , 2017, 101, 89-95.	4.8	43
74	MD-2â€œDependent Pulmonary Immune Responses to Inhaled Lipooligosaccharides. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 647-654.	1.4	42
75	Variability in PCB and OH-PCB Serum Levels in Children and Their Mothers in Urban and Rural U.S. Communities. <i>Environmental Science & Technology</i> , 2014, 48, 13459-13467.	4.6	42
76	The School Inner-City Asthma Intervention Study: Design, rationale, methods, and lessons learned. <i>Contemporary Clinical Trials</i> , 2017, 60, 14-23.	0.8	40
77	Synergistic Association of House Endotoxin Exposure and Ambient Air Pollution with Asthma Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 712-720.	2.5	40
78	Dog Ownership Enhances Symptomatic Responses to Air Pollution in Children with Asthma. <i>Environmental Health Perspectives</i> , 2006, 114, 1910-1915.	2.8	39
79	Indoor and outdoor particulate matter and endotoxin concentrations in an intensely agricultural county. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 299-305.	1.8	39
80	Disposition of Phenolic and Sulfated Metabolites after Inhalation Exposure to 4-Chlorobiphenyl (PCB3) in Female Rats. <i>Chemical Research in Toxicology</i> , 2014, 27, 1411-1420.	1.7	39
81	Assessment of airway reactivity in guinea pigs: Comparison of methods employing whole body plethysmography. <i>Toxicology</i> , 1988, 52, 141-163.	2.0	37
82	Personal Exposures to Inorganic and Organic Dust in Manual Harvest of California Citrus and Table Grapes. <i>Journal of Occupational and Environmental Hygiene</i> , 2004, 1, 505-514.	0.4	37
83	Time Course of Congener Uptake and Elimination in Rats after Short-Term Inhalation Exposure to an Airborne Polychlorinated Biphenyl (PCB) Mixture. <i>Environmental Science & Technology</i> , 2010, 44, 6893-6900.	4.6	37
84	Inhibition by Cigarette Smoke of Nuclear Factor-Î²â€œDependent Response to Bacteria in the Airway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 155-165.	1.4	37
85	Endotoxin and Î²-1,3- <sc>d</sc>-Glucan in Concentrated Ambient Particles Induce Rapid Increase in Blood Pressure in Controlled Human Exposures. <i>Hypertension</i> , 2015, 66, 509-516.	1.3	37
86	Epidemiologic assessment of laboratory animal allergy among university employees. , 1996, 29, 67-74.		36
87	Comparison of Endotoxin Assays Using Agricultural Dusts. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2002, 63, 430-438.	0.4	36
88	Urban enhancement of PM₁₀ bioaerosol tracers relative to background locations in the Midwestern United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5071-5089.	1.2	35
89	Identification of a sulfate metabolite of PCB 11 in human serum. <i>Environment International</i> , 2017, 98, 120-128.	4.8	35
90	Efficient killing of inhaled bacteria in Î³F508 mice: role of airway surface liquid composition. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999, 277, L183-L190.	1.3	34

#	ARTICLE	IF	CITATIONS
91	A Small Whole-Body Exposure Chamber for Laboratory Use. <i>Inhalation Toxicology</i> , 2003, 15, 251-263.	0.8	34
92	Exposure and Sensitization to Pets Modify Endotoxin Association with Asthma and Wheeze. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 2006-2013.e4.	2.0	34
93	Antibiotics delay but do not prevent bacteremia and lung injury in murine sepsis. <i>Critical Care Medicine</i> , 2004, 32, 489-494.	0.4	33
94	A multi-center ring trial of allergen analysis using fluorescent multiplex array technology. <i>Journal of Immunological Methods</i> , 2013, 387, 89-95.	0.6	33
95	Pulmonary Effects of Machining Fluids in Guinea Pigs and Mice. <i>AIHA Journal</i> , 1996, 57, 1168-1172.	0.4	32
96	Passive Airborne Dust Sampling with the Electrostatic Dustfall Collector: Optimization of Storage and Extraction Procedures for Endotoxin and Glucan Measurement. <i>Annals of Occupational Hygiene</i> , 2010, 54, 651-8.	1.9	32
97	Subchronic Inhalation Exposure Study of an Airborne Polychlorinated Biphenyl Mixture Resembling the Chicago Ambient Air Congener Profile. <i>Environmental Science & Technology</i> , 2012, 46, 9653-9662.	4.6	32
98	Elimination of Inhaled 3,3'-Dichlorobiphenyl and the Formation of the 4-Hydroxylated Metabolite. <i>Environmental Science & Technology</i> , 2013, 47, 4743-4751.	4.6	32
99	β -(1,3)-Glucan Exposure Assessment by Passive Airborne Dust Sampling and New Sensitive Immunoassays. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1158-1167.	1.4	31
100	Assessment of Particulates and Bioaerosols in Eastern Canadian Sawmills. <i>AIHA Journal</i> , 2000, 61, 727-732.	0.4	31
101	Experimental sensitization to subtilisin. <i>Toxicology and Applied Pharmacology</i> , 1986, 86, 112-123.	1.3	30
102	Evaluation of Five Extraction Protocols for Quantification of Endotoxin in Metalworking Fluid Aerosol. <i>Annals of Occupational Hygiene</i> , 2003, 47, 31-6.	1.9	30
103	Bedroom allergen exposures in US households. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1870-1879.e14.	1.5	30
104	Assessment of Particulates and Bioaerosols in Eastern Canadian Sawmills. <i>AIHAJ: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2000, 61, 727-732.	0.4	29
105	Markers of Inflammation and Coagulation after Long-Term Exposure to Coarse Particulate Matter: A Cross-Sectional Analysis from the Multi-Ethnic Study of Atherosclerosis. <i>Environmental Health Perspectives</i> , 2015, 123, 541-548.	2.8	29
106	Bioaerosol Sampling in Field Studies: Can Samples be Express Mailed?. <i>AIHA Journal</i> , 1994, 55, 1072-1079.	0.4	27
107	History and results of the two inter-laboratory round robin endotoxin assay studies on cotton dust. <i>American Journal of Industrial Medicine</i> , 2006, 49, 301-306.	1.0	27
108	Lead (Pb) concentrations and speciation in residential soils from an urban community impacted by multiple legacy sources. <i>Journal of Hazardous Materials</i> , 2021, 416, 125886.	6.5	27

#	ARTICLE	IF	CITATIONS
109	Laboratory Comparison of Vacuum, OSHA, and HUD Sampling Methods for Lead in Household Dust. <i>AIHA Journal</i> , 1997, 58, 439-446.	0.4	26
110	Characterization of Endotoxin and Mouse Allergen Exposures in Mouse Facilities and Research Laboratories. <i>Annals of Occupational Hygiene</i> , 2006, 50, 563-72.	1.9	26
111	Murine pulmonary responses after sub-chronic exposure to aluminum oxide-based nanowhiskers. <i>Particle and Fibre Toxicology</i> , 2012, 9, 22.	2.8	25
112	Sulfate Conjugates Are Urinary Markers of Inhalation Exposure to 4-Chlorobiphenyl (PCB3). <i>Chemical Research in Toxicology</i> , 2013, 26, 853-855.	1.7	25
113	Serum polychlorinated biphenyls and their hydroxylated metabolites are associated with demographic and behavioral factors in children and mothers. <i>Environment International</i> , 2016, 94, 538-545.	4.8	25
114	Performance of electrostatic dust collectors (EDCs) for endotoxin assessment in homes: Effect of mailing, placement, heating, and electrostatic charge. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 85-93.	0.4	25
115	Characteristics of weekly pulmonary hypersensitivity responses elicited in the guinea pig by inhalation of ovalbumin aerosols. <i>Toxicology and Applied Pharmacology</i> , 1989, 100, 234-246.	1.3	24
116	Safety assessment of inhaled xylitol in mice and healthy volunteers. <i>Respiratory Research</i> , 2004, 5, 13.	1.4	24
117	Preventing asthma in high risk kids (PARK) with omalizumab: Design, rationale, methods, lessons learned and adaptation. <i>Contemporary Clinical Trials</i> , 2021, 100, 106228.	0.8	24
118	Exposure to Particulates, Microorganisms, β (1 \rightarrow 3)-Glucans, and Endotoxins During Soybean Harvesting. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2003, 64, 487-495.	0.4	23
119	Field and Wind Tunnel Comparison of Four Aerosol Samplers Using Agricultural Dusts. <i>Annals of Occupational Hygiene</i> , 2009, 53, 585-94.	1.9	23
120	Fungal Exposure, Atopy, and Asthma Exacerbations in Puerto Rican Children. <i>Annals of the American Thoracic Society</i> , 2014, 11, 925-932.	1.5	23
121	Exposures Related to House Dust Microbiota in a U.S. Farming Population. <i>Environmental Health Perspectives</i> , 2018, 126, 067001.	2.8	23
122	Inactivation of Severe Acute Respiratory Coronavirus Virus 2 (SARS-CoV-2) and Diverse RNA and DNA Viruses on Three-Dimensionally Printed Surgical Mask Materials. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 253-260.	1.0	23
123	Biomonitoring for assessment of organic dust-induced lung inflammation. <i>European Respiratory Journal</i> , 2006, 27, 1096-1102.	3.1	22
124	Toxicity assessment of metal oxide nanomaterials using in vitro screening and murine acute inhalation studies. <i>NanoImpact</i> , 2020, 18, 100214.	2.4	22
125	Monitoring guinea pig core temperature by telemetry during inhalation exposures. <i>Fundamental and Applied Toxicology</i> , 1987, 9, 398-408.	1.9	21
126	Experimental grain dust atmospheres generated by wet and dry aerosolization techniques. <i>American Journal of Industrial Medicine</i> , 1994, 25, 109-112.	1.0	21

#	ARTICLE	IF	CITATIONS
127	Altered surfactant protein A gene expression and protein metabolism associated with repeat exposure to inhaled endotoxin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L1337-L1344.	1.3	21
128	Surface Sampling for Endotoxin Assessment using Electrostatic Wiping Cloths. <i>Annals of Occupational Hygiene</i> , 2005, 49, 401-6.	1.9	21
129	Characterization of inhalable endotoxin, glucan, and dust exposures in Iowa farmers. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 228, 113525.	2.1	21
130	Comparison of in vitro toxicity of aerosolized engineered nanomaterials using air-liquid interface mono-culture and co-culture models. <i>NanoImpact</i> , 2020, 18, 100215.	2.4	21
131	House dust microbiota in relation to adult asthma and atopy in a US farming population. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 910-920.	1.5	21
132	Agents in organic dust: Criteria for a causal relationship. <i>American Journal of Industrial Medicine</i> , 1994, 25, 33-39.	1.0	20
133	Prospective epidemiologic evaluation of laboratory animal allergy among university employees. , 1997, 32, 665-669.		20
134	The role of innate immunity in occupational allergy: recent findings. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2008, 8, 120-125.	1.1	20
135	Hydroxylated polychlorinated biphenyls in human sera from adolescents and their mothers living in two U.S. Midwestern communities. <i>Chemosphere</i> , 2016, 147, 389-395.	4.2	20
136	House Dust Endotoxin Association with Chronic Bronchitis and Emphysema. <i>Environmental Health Perspectives</i> , 2018, 126, 037007.	2.8	20
137	Initial Results, Reliability, and Validity of a Mental Health Survey of Mount Pinatubo Disaster Victims. <i>Journal of Nervous and Mental Disease</i> , 1999, 187, 661-672.	0.5	20
138	Association of fever with late-onset pulmonary hypersensitivity responses in the guinea pig. <i>Toxicology and Applied Pharmacology</i> , 1989, 100, 247-258.	1.3	19
139	Working Group Report 4: Exposure assessment for biological agents. <i>American Journal of Industrial Medicine</i> , 2004, 46, 419-422.	1.0	19
140	Indoor and Outdoor Air Quality Assessment of Four Wastewater Treatment Plants. <i>Journal of Occupational and Environmental Hygiene</i> , 2006, 3, 36-43.	0.4	19
141	Protein Kinase C α Mediates Lung Injury Induced by Diesel Exhaust Particles. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 306-313.	1.4	19
142	Toxicity Evaluation of Exposure to an Atmospheric Mixture of Polychlorinated Biphenyls by Nose-Only and Whole-Body Inhalation Regimens. <i>Environmental Science & Technology</i> , 2015, 49, 11875-11883.	4.6	19
143	Rodent Allergen in Los Angeles Inner City Homes of Children with Asthma. <i>Journal of Urban Health</i> , 2008, 85, 52-61.	1.8	18
144	Effect of Deployment Time on Endotoxin and Allergen Exposure Assessment Using Electrostatic Dust Collectors. <i>Annals of Occupational Hygiene</i> , 2015, 59, 104-15.	1.9	18

#	ARTICLE	IF	CITATIONS
145	Comprehensive Subchronic Inhalation Toxicity Assessment of an Indoor School Air Mixture of PCBs. <i>Environmental Science & Technology</i> , 2020, 54, 15976-15985.	4.6	18
146	Byssinosis and COPD rates among factory workers manufacturing hemp and jute. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2015, 29, 55-68.	0.6	18
147	Air Quality Assessments in the Vicinity of Swine Production Facilities. <i>Journal of Agromedicine</i> , 1997, 4, 37-45.	0.9	17
148	Levels of endotoxin in 390 Swedish homes: determinants and the risk for respiratory symptoms in children. <i>International Journal of Environmental Health Research</i> , 2012, 22, 22-36.	1.3	17
149	Toxicity assessment of air-delivered particle-bound polybrominated diphenyl ethers. <i>Toxicology</i> , 2014, 317, 31-39.	2.0	17
150	Electrostatic dust collectors compared to inhalable samplers for measuring endotoxin concentrations in farm homes. <i>Indoor Air</i> , 2016, 26, 724-733.	2.0	17
151	Novispirin G10-Induced Lung Toxicity in a <i>Klebsiella pneumoniae</i> Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3901-3906.	1.4	16
152	Early exposure to a nonhygienic environment alters pulmonary immunity and allergic responses. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L512-L522.	1.3	16
153	Passive monitors to measure hydrogen sulfide near concentrated animal feeding operations. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1271.	1.7	16
154	Modification of sample processing for the <i>Limulus</i> amebocyte lysate assay enhances detection of inflammogenic endotoxin in intact bacteria and organic dust. <i>Innate Immunity</i> , 2017, 23, 307-318.	1.1	16
155	Worker Exposures to Particulates, Endotoxins, and Bioaerosols in Two Refuse-Derived Fuel Plants. <i>AIHA Journal</i> , 1999, 60, 679-683.	0.4	15
156	Reduction in the bactericidal activity of selected cathelicidin peptides by bovine calf serum or exogenous endotoxin. <i>International Journal of Antimicrobial Agents</i> , 2004, 23, 606-612.	1.1	15
157	Workplace Exposure to Bioaerosols in Podiatry Clinics. <i>Annals of Occupational Hygiene</i> , 2012, 56, 746-53.	1.9	15
158	BMI modifies the association between dietary intake and serum levels of PCBs. <i>Environment International</i> , 2021, 156, 106626.	4.8	15
159	Is an Abbreviated Bronchial Challenge with Histamine Valid?. <i>Chest</i> , 1992, 101, 141-145.	0.4	14
160	An integrated model of environmental factors in adult asthma lung function and disease severity: a cross-sectional study. <i>Environmental Health</i> , 2010, 9, 24.	1.7	14
161	Competition for land resources: driving forces and consequences in crop-livestock production systems of the Ethiopian highlands. <i>Ecological Processes</i> , 2018, 7, .	1.6	14
162	Determinants of survival and growth of tree lucerne (<i>Chamaecytisus palmensis</i>) in the crop-livestock farming systems of the Ethiopian highlands. <i>Agroforestry Systems</i> , 2019, 93, 279-293.	0.9	14

#	ARTICLE	IF	CITATIONS
163	Measurement of β -(1,3)-glucan in household dust samples using Limulus amoebocyte assay and enzyme immunoassays: an inter-laboratory comparison. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 405-411.	1.7	13
164	Corrections to PCBs and OH-PCBs in Serum from Children and Mothers in Urban and Rural U.S. Communities. <i>Environmental Science & Technology</i> , 2013, 47, 9555-9556.	4.6	13
165	Endotoxin predictors and associated respiratory outcomes differ with climate regions in the U.S.. <i>Environment International</i> , 2018, 112, 218-226.	4.8	13
166	Endotoxin clustering with allergens in house dust and asthma outcomes in a U.S. national study. <i>Environmental Health</i> , 2020, 19, 35.	1.7	13
167	Gender differences in respiratory health outcomes among farming cohorts around the globe: findings from the AGRICOH consortium. <i>Journal of Agromedicine</i> , 2021, 26, 97-108.	0.9	13
168	Multifunctional nanoparticles for real-time evaluation of toxicity during fetal development. <i>PLoS ONE</i> , 2018, 13, e0192474.	1.1	13
169	Toxicity Assessment of 91-Day Repeated Inhalation Exposure to an Indoor School Air Mixture of PCBs. <i>Environmental Science & Technology</i> , 2022, 56, 1780-1790.	4.6	13
170	Women in the Gulf War: combat experience, exposures, and subsequent health care use. <i>Military Medicine</i> , 2003, 168, 654-61.	0.4	13
171	House Dust Collection Efficiency of the High Volume Small Surface Sampler on Worn Carpets. <i>Journal of Occupational and Environmental Hygiene</i> , 2006, 3, 334-341.	0.4	12
172	The Absence of CpG in Plasmid DNA α -Chitosan Polyplexes Enhances Transfection Efficiencies and Reduces Inflammatory Responses in Murine Lungs. <i>Molecular Pharmaceutics</i> , 2014, 11, 1022-1031.	2.3	12
173	Physicochemical characterization of cryogenically ground, size separated, fibrogenic particles. <i>Environmental Research</i> , 1985, 36, 89-110.	3.7	11
174	Experimental sensitization to subtilisin. <i>Toxicology and Applied Pharmacology</i> , 1987, 89, 449-456.	1.3	11
175	Lung function of primary cooks using LPG or biomass and the effect of particulate matter on airway epithelial barrier integrity. <i>Environmental Research</i> , 2020, 189, 109888.	3.7	11
176	Time course of pulmonary inflammation and trace element biodistribution during and after sub-acute inhalation exposure to copper oxide nanoparticles in a murine model. <i>Particle and Fibre Toxicology</i> , 2022, 19, .	2.8	11
177	Tannins and mycotoxins. <i>American Journal of Industrial Medicine</i> , 1994, 25, 141-144.	1.0	10
178	The effect of low-cost modification of the home environment on the development of respiratory symptoms in the first year of life. <i>Annals of Allergy, Asthma and Immunology</i> , 2009, 103, 480-487.	0.5	10
179	Assessment of the Aerosol Generation and Toxicity of Carbon Nanotubes. <i>Nanomaterials</i> , 2014, 4, 439-453.	1.9	10
180	The change in nasal inflammatory markers after intranasal challenges with particulate chitin and lipopolysaccharide: a randomized, double-blind, placebo-controlled, crossover study with a positive control. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 716-723.	1.5	10

#	ARTICLE	IF	CITATIONS
181	Endotoxin exposure, serum vitamin D, asthma and wheeze outcomes. <i>Respiratory Medicine</i> , 2016, 114, 61-66.	1.3	10
182	Organophosphorus pesticide residue levels in homes located near orchards. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 847-856.	0.4	10
183	Retrospective blood lead assessment from archived clotted erythrocyte fraction in a cohort of lead-exposed mother-child dyads. <i>Science of the Total Environment</i> , 2021, 754, 142166.	3.9	10
184	Biocompatibility of Multi-Imaging Engineered Mesoporous Silica Nanoparticles: In Vitro and Adult and Fetal In Vivo Studies. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 544-558.	0.5	10
185	Degradation of 3,5-dimethyl-tetrahydro-2H-1,3,5-thiadiazine-2-thione in aqueous aerobic media. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 503-513.	2.2	9
186	Long-term Coarse Particulate Matter Exposure and Heart Rate Variability in the Multi-ethnic Study of Atherosclerosis. <i>Epidemiology</i> , 2016, 27, 405-413.	1.2	9
187	Health-based occupational exposure limits for high molecular weight sensitizers: how long is the road we must travel?. <i>Annals of Occupational Hygiene</i> , 2002, 46, 439-46.	1.9	9
188	PCB Sulfates in Serum from Mothers and Children in Urban and Rural U.S. Communities. <i>Environmental Science & Technology</i> , 2022, 56, 6537-6547.	4.6	9
189	PAMAM dendrimers as nano carriers to investigate inflammatory responses induced by pulmonary exposure of PCB metabolites in Sprague-Dawley rats. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2128-2137.	2.7	8
190	A task-based analysis of black carbon exposure in Iowa farmers during harvest. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 293-304.	0.4	8
191	Environmental endotoxin exposure and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 61-63.	1.5	8
192	Feed and forage development in mixed crop-livestock systems of the Ethiopian highlands: Africa RISING project research experience. <i>Agronomy Journal</i> , 2022, 114, 46-62.	0.9	8
193	Comparison of in vivo bioluminescence imaging and lavage biomarkers to assess pulmonary inflammation. <i>Toxicology</i> , 2012, 291, 133-138.	2.0	7
194	Community airborne particulate matter from mining for sand used as hydraulic fracturing proppant. <i>Science of the Total Environment</i> , 2017, 609, 1475-1482.	3.9	7
195	House Dust Endotoxin and Peripheral Leukocyte Counts: Results from Two Large Epidemiologic Studies. <i>Environmental Health Perspectives</i> , 2017, 125, 057010.	2.8	7
196	Lung cell exposure to secondary photochemical aerosols generated from OH oxidation of cyclic siloxanes. <i>Chemosphere</i> , 2020, 241, 125126.	4.2	7
197	Residential Proximity to Intensive Animal Agriculture and Risk of Lymphohematopoietic Cancers in the Agricultural Health Study. <i>Epidemiology</i> , 2020, 31, 478-489.	1.2	7
198	Interaction between Genetic Risk Scores for reduced pulmonary function and smoking, asthma and endotoxin. <i>Thorax</i> , 2021, 76, 1219-1226.	2.7	7

#	ARTICLE	IF	CITATIONS
199	Mouse allergen exposure and decreased risk of allergic rhinitis in school-aged children. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 113, 614-618.e2.	0.5	6
200	Ambient Coarse Particulate Matter and the Right Ventricle: The Multi-Ethnic Study of Atherosclerosis. <i>Environmental Health Perspectives</i> , 2017, 125, 077019.	2.8	6
201	The home air in agriculture pediatric intervention (HAPI) trial: Rationale and methods. <i>Contemporary Clinical Trials</i> , 2020, 96, 106085.	0.8	6
202	Characterization of performance and disinfection resilience of nonwoven filter materials for use in 3D-printed N95 respirators. <i>Journal of Occupational and Environmental Hygiene</i> , 2021, 18, 265-275.	0.4	6
203	Effectiveness of portable HEPA air cleaners on reducing indoor endotoxin, PM ₁₀ and coarse particulate matter in an agricultural cohort of children with asthma: A randomized intervention trial. <i>Indoor Air</i> , 2021, 31, 1926-1939.	2.0	6
204	Validation of blood arsenic and manganese assessment from archived clotted erythrocyte fraction in an urban cohort of mother-child dyads. <i>Science of the Total Environment</i> , 2022, 810, 152320.	3.9	6
205	Innovative Application of Fluoro Tagging To Trace Airborne Particulate and Gas-Phase Polybrominated Diphenyl Ether Exposures. <i>Chemical Research in Toxicology</i> , 2009, 22, 179-186.	1.7	5
206	Safety assessment of nebulized xylitol in beagle dogs. <i>Inhalation Toxicology</i> , 2012, 24, 365-372.	0.8	5
207	Endotoxin inhalation alters lung development in neonatal mice. <i>American Journal of Industrial Medicine</i> , 2012, 55, 1146-1158.	1.0	5
208	Household endotoxin reduction in the Louisa Environmental Intervention Project for rural childhood asthma. <i>Indoor Air</i> , 2020, 30, 88-97.	2.0	5
209	A Task-Specific Algorithm to Estimate Occupational β -D-glucan Exposure for Farmers in the Biomarkers of Exposure and Effect in Agriculture Study. <i>Annals of Work Exposures and Health</i> , 2022, 66, 974-984.	0.6	5
210	Assessment Methods for Bioaerosols. , 0, , 85-103.		4
211	Household endotoxin levels and the risk of non-Hodgkin lymphoma. <i>Cancer Causes and Control</i> , 2013, 24, 357-364.	0.8	4
212	Airborne Bacteria, Archaea, and Endotoxin. , 0, , 3.2.6-1-3.2.6-20.		4
213	Maximum Pairwise Pseudo-likelihood Estimation of the Covariance Matrix from Left-Censored Data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2015, 20, 83-99.	0.7	4
214	Recirculating Immunocompetent Cells in Colitic Mice Intensify Their Lung Response to Bacterial Endotoxin. <i>Digestive Diseases and Sciences</i> , 2018, 63, 2930-2939.	1.1	4
215	Acute in vivo pulmonary toxicity assessment of occupationally relevant particulate matter from a cellulose nanofiber board. <i>NanoImpact</i> , 2020, 17, 100210.	2.4	4
216	Diesel Exhaust Exposure during Farming Activities: Statistical Modeling of Continuous Black Carbon Concentrations. <i>Annals of Work Exposures and Health</i> , 2020, 64, 503-513.	0.6	4

#	ARTICLE	IF	CITATIONS
217	Bioaerosol Concentrations in Noncomplaint, Complaint, and Intervention Homes in the Midwest. AIHA Journal, 1995, 56, 573-580.	0.4	4
218	Titanium Dioxide Nanoparticles: Grassian et al. Respond. Environmental Health Perspectives, 2008, 116, .	2.8	3
219	Atopy as a Modifier of the Relationships Between Endotoxin Exposure and Symptoms Among Laboratory Animal Workers. Annals of Work Exposures and Health, 2017, 61, 1024-1028.	0.6	3
220	Inhalable and Respirable Particulate and Endotoxin Exposures in Kentucky Equine Farms. Journal of Agromedicine, 2020, 25, 179-189.	0.9	2
221	Encapsulating Polyethyleneimine-DNA Nanoplexes into PEGylated Biodegradable Microparticles Increases Transgene Expression In Vitro and Reduces Inflammatory Responses In Vivo. AAPS PharmSciTech, 2021, 22, 69.	1.5	2
222	Field Evaluation of Endotoxin Air Sampling Assay Methods. AIHA Journal, 1997, 58, 792-799.	0.4	2
223	Asthma-like diseases in agriculture. , 2010, , 163-183.		2
224	Characterization of sub-pollen particles in size-resolved atmospheric aerosol using chemical tracers. Atmospheric Environment: X, 2022, 15, 100177.	0.8	2
225	Monitoring Guinea Pig Core Temperature by Telemetry during Inhalation Exposures. Toxicological Sciences, 1987, 9, 398-408.	1.4	1
226	Arsenic in the environment part I: Cycling and characterization. Arsenic in the environment part II: Human health and Ecosystem Effects. Chemical Engineering Science, 1995, 50, 741-742.	1.9	1
227	Endotoxin and Asthma. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 1177a-1177a.	2.5	1
228	CAFOs: Thorne Responds. Environmental Health Perspectives, 2007, 115, .	2.8	1
229	Bioaerosols. , 2017, , 210-218.		1
230	Bioaerosol Samplinfg in Field Studies: Can Samples be Express Mailed?. AIHA Journal, 1994, 55, 1072-1079.	0.4	1
231	Worker Exposures to Particulates, Endotoxins, and Bioaerosols in Two Refuse-Derived Fuel Plants. AIHA Journal, 1999, 60, 679-683.	0.4	1
232	Dimensionless presentation of performance data for fans and blowers. AIChE Journal, 1984, 30, 341-345.	1.8	0
233	Logistical and Methodological Challenges in Conducting a Mental Health Survey of Mount Pinatubo Disaster Victims. Transcultural Psychiatry, 2000, 37, 101-118.	0.9	0
234	Reduction in the bactericidal activity of selected cathelicidin peptides by bovine calf serum or exogenous endotoxin. International Journal of Antimicrobial Agents, 2004, 23, 606-606.	1.1	0