W W Nazaroff

List of Publications by Year
in descending order

255 papers	20,944 citations	8755 75 h-index	11607 135 g-index
265 all docs	265 docs citations	265 times ranked	12138 citing authors

#	Article	IF	Citations
1	How can airborne transmission of COVID-19 indoors be minimised?. Environment International, 2020, 142, 105832.	10.0	933
2	Toward Understanding the Risk of Secondary Airborne Infection: Emission of Respirable Pathogens. Journal of Occupational and Environmental Hygiene, 2005, 2, 143-154.	1.0	671
3	Semivolatile organic compounds in indoor environments. Atmospheric Environment, 2008, 42, 9018-9040.	4.1	661
4	Cleaning products and air fresheners: exposure to primary and secondary air pollutants. Atmospheric Environment, 2004, 38, 2841-2865.	4.1	655
5	MODELING INDOOR PARTICLE DEPOSITION FROM TURBULENT FLOW ONTO SMOOTH SURFACES. Journal of Aerosol Science, 2000, 31, 463-476.	3.8	558
6	Radon transport from soil to air. Reviews of Geophysics, 1992, 30, 137-160.	23.0	533
7	Ventilation rates and health: multidisciplinary review of the scientific literature. Indoor Air, 2011, 21, 191-204.	4.3	529
8	Transmission of SARSâ€CoVâ€2 by inhalation of respiratory aerosol in the Skagit Valley Chorale superspreading event. Indoor Air, 2021, 31, 314-323.	4.3	505
9	Indoor particle dynamics. Indoor Air, 2004, 14, 175-183.	4.3	501
10	Human Occupancy as a Source of Indoor Airborne Bacteria. PLoS ONE, 2012, 7, e34867.	2.5	404
11	Indoor Particulate Matter of Outdoor Origin:Â Importance of Size-Dependent Removal Mechanisms. Environmental Science & Technology, 2002, 36, 200-207.	10.0	346
12	Effects of room furnishings and air speed on particle deposition rates indoors. Atmospheric Environment, 2002, 36, 1811-1819.	4.1	331
13	SVOC exposure indoors: fresh look at dermal pathways. Indoor Air, 2012, 22, 356-377.	4.3	331
14	Sizeâ€resolved emission rates of airborne bacteria and fungi in an occupied classroom. Indoor Air, 2012, 22, 339-351.	4.3	315
15	SVOC partitioning between the gas phase and settled dust indoors. Atmospheric Environment, 2010, 44, 3609-3620.	4.1	298
16	Indoor secondary pollutants from cleaning product and air freshener use in the presence of ozone. Atmospheric Environment, 2006, 40, 6696-6710.	4.1	267
17	Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). Journal of Hospital Infection, 2021, 110, 89-96.	2.9	264
18	Cleaning products and air fresheners: emissions and resulting concentrations of glycol ethers and terpenoids. Indoor Air, 2006, 16, 179-191.	4.3	262

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19	Peer Reviewed: Defining Intake Fraction. Environmental Science & Technology, 2002, 36, 206A-211A.	10.0	243
20	Distribution of airborne radon-222 concentrations in U.S. homes. Science, 1986, 234, 992-997.	12.6	229
21	Modeling pollutant penetration across building envelopes. Atmospheric Environment, 2001, 35, 4451-4462.	4.1	222
22	Indoor Secondary Pollutants from Household Product Emissions in the Presence of Ozone:Â A Bench-Scale Chamber Study. Environmental Science & Technology, 2006, 40, 4421-4428.	10.0	218
23	Mathematical modeling of chemically reactive pollutants in indoor air. Environmental Science & Technology, 1986, 20, 924-934.	10.0	213
24	Particle-size distributions and seasonal diversity of allergenic and pathogenic fungi in outdoor air. ISME Journal, 2012, 6, 1801-1811.	9.8	211
25	Indoor bioaerosol dynamics. Indoor Air, 2016, 26, 61-78.	4.3	198
26	Volatile Organic Compound Emissions from Humans Indoors. Environmental Science & Technology, 2016, 50, 12686-12694.	10.0	193
27	A paradigm shift to combat indoor respiratory infection. Science, 2021, 372, 689-691.	12.6	192
28	Rapid Methods to Estimate Potential Exposure to Semivolatile Organic Compounds in the Indoor Environment. Environmental Science & Technology, 2012, 46, 11171-11178.	10.0	184
29	Mathematical modeling of indoor aerosol dynamics. Environmental Science & Technology, 1989, 23, 157-166.	10.0	173
30	Concentrations of fine, ultrafine, and black carbon particles in auto-rickshaws in New Delhi, India. Atmospheric Environment, 2011, 45, 4470-4480.	4.1	173
31	Chamber Bioaerosol Study: Outdoor Air and Human Occupants as Sources of Indoor Airborne Microbes. PLoS ONE, 2015, 10, e0128022.	2.5	168
32	Ozone consumption and volatile byproduct formation from surface reactions with aircraft cabin materials and clothing fabrics. Atmospheric Environment, 2008, 42, 642-654.	4.1	162
33	Dermal Uptake of Organic Vapors Commonly Found in Indoor Air. Environmental Science & Technology, 2014, 48, 1230-1237.	10.0	161
34	Particle Penetration Through Building Cracks. Aerosol Science and Technology, 2003, 37, 565-573.	3.1	158
35	Ozone-Initiated Chemistry in an Occupied Simulated Aircraft Cabin. Environmental Science & Technology, 2007, 41, 6177-6184.	10.0	156
36	Ozone Interactions with Carpet:â€‰ Secondary Emissions of Aldehydes. Environmental Science & Technology, 2002, 36, 2185-2192.	10.0	154

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37	Grand Challenges for Life-Cycle Assessment of Biofuels. Environmental Science & Technology, 2011, 45, 1751-1756.	10.0	148
38	Analyzing a database of residential air leakage in the United States. Atmospheric Environment, 2005, 39, 3445-3455.	4.1	145
39	Removal of reactive gases at indoor surfaces: Combining mass transport and surface kinetics. Atmospheric Environment Part A General Topics, 1993, 27, 2039-2050.	1.3	140
40	Overview of HOMEChem: House Observations of Microbial and Environmental Chemistry. Environmental Sciences: Processes and Impacts, 2019, 21, 1280-1300.	3.5	140
41	Growth of organic films on indoor surfaces. Indoor Air, 2017, 27, 1101-1112.	4.3	139
42	Gas-Phase Organics in Environmental Tobacco Smoke. 1. Effects of Smoking Rate, Ventilation, and Furnishing Level on Emission Factors. Environmental Science & Technology, 2002, 36, 846-853.	10.0	130
43	Ultrafine particle concentrations and exposures in seven residences in northern California. Indoor Air, 2011, 21, 132-144.	4.3	127
44	Indoor Particulate Matter during HOMEChem: Concentrations, Size Distributions, and Exposures. Environmental Science & Technology, 2020, 54, 7107-7116.	10.0	127
45	Siloxanes Are the Most Abundant Volatile Organic Compound Emitted from Engineering Students in a Classroom. Environmental Science and Technology Letters, 2015, 2, 303-307.	8.7	124
46	Control of respirable particles in indoor air with portable air cleaners. Atmospheric Environment, 1985, 19, 1761-1771.	1.0	123
47	Inhalation intake fraction of pollutants from episodic indoor emissions. Building and Environment, 2008, 43, 269-277.	6.9	118
48	Characterizing airborne fungal and bacterial concentrations and emission rates in six occupied children's classrooms. Indoor Air, 2015, 25, 641-652.	4.3	118
49	Chamber bioaerosol study: human emissions of sizeâ€resolved fluorescent biological aerosol particles. Indoor Air, 2016, 26, 193-206.	4.3	118
50	Secondary organic aerosol from ozone-initiated reactions with terpene-rich household products. Atmospheric Environment, 2008, 42, 8234-8245.	4.1	114
51	Effectiveness of In-Room Air Filtration and Dilution Ventilation for Tuberculosis Infection Control. Journal of the Air and Waste Management Association, 1996, 46, 869-882.	1.9	113
52	Gas-phase organics in environmental tobacco smoke: 2. Exposure-relevant emission factors and indirect exposures from habitual smoking. Atmospheric Environment, 2003, 37, 5551-5561.	4.1	113
53	Inhalation of hazardous air pollutants from environmental tobacco smoke in US residences. Journal of Exposure Science and Environmental Epidemiology, 2004, 14, S71-S77.	3.9	111
54	Determining Size-Specific Emission Factors for Environmental Tobacco Smoke Particles. Aerosol Science and Technology, 2003, 37, 780-790.	3.1	109

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55	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and Their Application to COVID-19 Outbreaks. Environmental Science & Technology, 2022, 56, 1125-1137.	10.0	109
56	Global Intraurban Intake Fractions for Primary Air Pollutants from Vehicles and Other Distributed Sources. Environmental Science & Technology, 2012, 46, 3415-3423.	10.0	105
57	Surface reservoirs dominate dynamic gas-surface partitioning of many indoor air constituents. Science Advances, 2020, 6, eaay8973.	10.3	105
58	Thermal comfort, perceived air quality, and cognitive performance when personally controlled air movement is used by tropically acclimatized persons. Indoor Air, 2017, 27, 690-702.	4.3	102
59	Transport of subsurface contaminants into buildings. Environmental Science & Technology, 1992, 26, 2058-2066.	10.0	101
60	Experiments Measuring Particle Deposition from Fully Developed Turbulent Flow in Ventilation Ducts. Aerosol Science and Technology, 2004, 38, 914-925.	3.1	98
61	Intake fraction of primary pollutants: motor vehicle emissions in the South Coast Air Basin. Atmospheric Environment, 2003, 37, 3455-3468.	4.1	94
62	Sizeâ€resolved fluorescent biological aerosol particle concentrations and occupant emissions in a university classroom. Indoor Air, 2014, 24, 604-617.	4.3	93
63	Inhalation Transfer Factors for Air Pollution Health Risk Assessment. Journal of the Air and Waste Management Association, 2000, 50, 1688-1699.	1.9	91
64	Mass-transport aspects of pollutant removal at indoor surfaces. Environment International, 1989, 15, 567-584.	10.0	89
65	Deposition of Tobacco Smoke Particles in a Low Ventilation Room. Aerosol Science and Technology, 1994, 20, 194-206.	3.1	89
66	Radon transport into a detached one-story house with a basement. Atmospheric Environment, 1985, 19, 31-46.	1.0	86
67	Experiments on pollutant transport from soil into residential basements by pressure-driven airflow. Environmental Science & Technology, 1987, 21, 459-466.	10.0	86
68	Environmental tobacco smoke particles in multizone indoor environments. Atmospheric Environment, 2001, 35, 2053-2067.	4.1	86
69	The Rate of Ozone Uptake on Carpets:Â Experimental Studies. Environmental Science & Technology, 2000, 34, 4963-4968.	10.0	85
70	Inhalation of motor vehicle emissions: effects of urban population and land area. Atmospheric Environment, 2005, 39, 283-295.	4.1	85
71	Intake fraction of nonreactive vehicle emissions in US urban areas. Atmospheric Environment, 2005, 39, 1363-1371.	4.1	85
72	Exploring the consequences of climate change for indoor air quality. Environmental Research Letters, 2013, 8, 015022.	5.2	84

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73	Clothing-Mediated Exposures to Chemicals and Particles. Environmental Science & Technology, 2019, 53, 5559-5575.	10.0	81
74	Mixing of a Point Source Pollutant by Natural Convection Flow within a Room. Indoor Air, 1994, 4, 114-122.	4.3	80
75	Indoor chemistry: research opportunities and challenges. Indoor Air, 2015, 25, 357-361.	4.3	79
76	Supermicron particle deposition from turbulent chamber flow onto smooth and rough vertical surfaces. Atmospheric Environment, 2005, 39, 4893-4900.	4.1	78
77	Ultrafine particle concentrations and exposures in six elementary school classrooms in northern California. Indoor Air, 2011, 21, 77-87.	4.3	78
78	Emission rates and the personal cloud effect associated with particle release from the perihuman environment. Indoor Air, 2017, 27, 791-802.	4.3	76
79	Dynamic Behavior of Semivolatile Organic Compounds in Indoor Air. 2. Nicotine and Phenanthrene with Carpet and Wallboard. Environmental Science & Technology, 2001, 35, 560-567.	10.0	75
80	Predicting particle deposition on HVAC heat exchangers. Atmospheric Environment, 2003, 37, 5587-5596.	4.1	73
81	Indoor Emissions as a Primary Source of Airborne Allergenic Fungal Particles in Classrooms. Environmental Science & Technology, 2015, 49, 5098-5106.	10.0	73
82	Inhalation intake of ambient air pollution in California's South Coast Air Basin. Atmospheric Environment, 2006, 40, 4381-4392.	4.1	71
83	Particle deposition from a natural convection flow onto a vertical isothermal flat plate. Journal of Aerosol Science, 1987, 18, 445-455.	3.8	70
84	Characterizing sources and emissions of volatile organic compounds in a northern California residence using spaceâ€•and timeâ€•resolved measurements. Indoor Air, 2019, 29, 630-644.	4.3	70
85	Factors Affecting Indoor Air Concentrations of Volatile Organic Compounds at a Site of Subsurface Gasoline Contamination. Environmental Science & Technology, 1996, 30, 2948-2957.	10.0	69
86	Indoor Air Quality Impacts of Ventilation Ducts: Ozone Removal and Emissions of Volatile Organic Compounds. Journal of the Air and Waste Management Association, 1998, 48, 941-952.	1.9	68
87	Potable Water As a Source of Airborne 222Rn in U.S. Dwellings. Health Physics, 1987, 52, 281-295.	0.5	67
88	Particle Deposition in Museums: Comparison of Modeling and Measurement Results. Aerosol Science and Technology, 1990, 13, 332-348.	3.1	67
89	Indoor acids and bases. Indoor Air, 2020, 30, 559-644.	4.3	67
90	Residential airâ€change rates: A critical review. Indoor Air, 2021, 31, 282-313.	4.3	66

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91	Protecting museum collections from soiling due to the deposition of airborne particles. Atmospheric Environment Part A General Topics, 1991, 25, 841-852.	1.3	65
92	Novel approach for tomographic reconstruction of gas concentration distributions in air: Use of smooth basis functions and simulated annealing. Atmospheric Environment, 1996, 30, 929-940.	4.1	63
93	Observing ozone chemistry in an occupied residence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	63
94	Indoor ozone: Concentrations and influencing factors. Indoor Air, 2022, 32, .	4.3	61
95	Concentration and fate of airborne particles in museums. Environmental Science & Technology, 1990, 24, 66-77.	10.0	58
96	Transport and sorption of volatile organic compounds and water vapor within dry soil grains. Environmental Science & Technology, 1994, 28, 322-330.	10.0	58
97	Modeling particle loss in ventilation ducts. Atmospheric Environment, 2003, 37, 5597-5609.	4.1	56
98	The rate of ozone uptake on carpet: mathematical modeling. Atmospheric Environment, 2002, 36, 1749-1756.	4.1	55
99	Modeling residential exposure to secondhand tobacco smoke. Atmospheric Environment, 2006, 40, 4393-4407.	4.1	54
100	Intake fraction of nonreactive motor vehicle exhaust in Hong Kong. Atmospheric Environment, 2010, 44, 1913-1918.	4.1	54
101	Dynamic Behavior of Semivolatile Organic Compounds in Indoor Air. 1. Nicotine in a Stainless Steel Chamber. Environmental Science & Technology, 1997, 31, 2554-2561.	10.0	53
102	Sources and dynamics of semivolatile organic compounds in a singleâ€family residence in northern California. Indoor Air, 2019, 29, 645-655.	4.3	53
103	Imaging Indoor Tracer-Gas Concentrations with Computed Tomography: Experimental Results with a Remote Sensing FTIR System. AIHA Journal, 1994, 55, 395-402.	0.4	52
104	Mixing of a Point-Source Indoor Pollutant by Forced Convection. Indoor Air, 1995, 5, 204-214.	4.3	51
105	Sensation of draft at uncovered ankles for women exposed to displacement ventilation and underfloor air distribution systems. Building and Environment, 2016, 96, 228-236.	6.9	51
106	Particle Deposition from Natural Convection Enclosure Flow Onto Smooth Surfaces. Aerosol Science and Technology, 1996, 25, 359-374.	3.1	50
107	Framework for Evaluating Measures to Control Nosocomial Tuberculosis Transmission. Indoor Air, 1998, 8, 205-218.	4.3	50
108	Inhalation intake fraction of particulate matter from localized indoor emissions. Building and Environment, 2017, 123, 14-22.	6.9	50

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109	Detailed investigation of ventilation rates and airflow patterns in a northern California residence. Indoor Air, 2018, 28, 572-584.	4.3	50
110	Ozone Levels in Passenger Cabins of Commercial Aircraft on North American and Transoceanic Routes. Environmental Science & Technology, 2008, 42, 3938-3943.	10.0	49
111	Characterizing Airborne Phthalate Concentrations and Dynamics in a Normally Occupied Residence. Environmental Science & Technology, 2019, 53, 7337-7346.	10.0	49
112	Data center design and location: Consequences for electricity use and greenhouse-gas emissions. Building and Environment, 2011, 46, 990-998.	6.9	48
113	Ozone reaction with interior building materials: Influence of diurnal ozone variation, temperature and humidity. Atmospheric Environment, 2016, 125, 15-23.	4.1	48
114	Heterogeneous Ozonolysis of Squalene: Gas-Phase Products Depend on Water Vapor Concentration. Environmental Science & Technology, 2019, 53, 14441-14448.	10.0	48
115	How Do Indoor Environments Affect Air Pollution Exposure?. Environmental Science & Technology, 2021, 55, 100-108.	10.0	48
116	Volatile organic compound emissions during HOMEChem. Indoor Air, 2021, 31, 2099-2117.	4.3	48
117	Clothing as a transport vector for airborne particles: Chamber study. Indoor Air, 2018, 28, 404-414.	4.3	47
118	Particle exposure during the 2013 haze in Singapore: Importance of the built environment. Building and Environment, 2015, 93, 14-23.	6.9	46
119	Systems approach to evaluating sensor characteristics for real-time monitoring of high-risk indoor contaminant releases. Atmospheric Environment, 2006, 40, 3490-3502.	4.1	45
120	Microbes and associated soluble and volatile chemicals on periodically wet household surfaces. Microbiome, 2017, 5, 128.	11.1	45
121	Stationary and time-dependent indoor tracer-gas concentration profiles measured by OP-FTIR remote sensing and SBFM-computed tomography. Atmospheric Environment, 1997, 31, 727-740.	4.1	44
122	Measurement of NO₃ and N₂O₅ in a Residential Kitchen. Environmental Science and Technology Letters, 2018, 5, 595-599.	8.7	44
123	Surface Emissions Modulate Indoor SVOC Concentrations through Volatility-Dependent Partitioning. Environmental Science & Technology, 2020, 54, 6751-6760.	10.0	43
124	Lifecycle greenhouse gas implications of US national scenarios for cellulosic ethanol production. Environmental Research Letters, 2012, 7, 014011.	5.2	42
125	Cooling efficiency of a brushless direct current stand fan. Building and Environment, 2015, 85, 196-204.	6.9	42
126	Radon Concentrations and Infiltration Rates Measured in Conventional and Energy-efficient Houses. Health Physics, 1983, 45, 401-405.	0.5	41

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127	Ultrafine particle concentrations and exposures in four high-rise Beijing apartments. Atmospheric Environment, 2011, 45, 7574-7582.	4.1	41
128	Assessing the aerodynamic diameters of taxon-specific fungal bioaerosols by quantitative PCR and next-generation DNA sequencing. Journal of Aerosol Science, 2014, 78, 1-10.	3.8	41
129	Characteristics of airborne particles inside southern California museums. Atmospheric Environment Part A General Topics, 1993, 27, 697-711.	1.3	40
130	The effect of steady winds on radon-222 entry from soil into houses. Atmospheric Environment, 1996, 30, 1167-1176.	4.1	40
131	Effects of variable wind speed and direction on radon transport from soil into buildings: model development and exploratory results. Atmospheric Environment, 1999, 33, 2157-2168.	4.1	40
132	Radon Entry Into Houses Having a Crawl Space. Health Physics, 1985, 48, 265-281.	0.5	39
133	Indoor and outdoor particles in an air-conditioned building during and after the 2013 haze in Singapore. Building and Environment, 2016, 99, 73-81.	6.9	39
134	Longitudinal assessment of thermal and perceived air quality acceptability in relation to temperature, humidity, and CO2 exposure in Singapore. Building and Environment, 2017, 115, 80-90.	6.9	38
135	Energy and Cost Associated with Ventilating Office Buildings in a Tropical Climate. PLoS ONE, 2015, 10, e0122310.	2.5	37
136	Particle Deposition in Ventilation Ducts: Connectors, Bends and Developing Turbulent Flow. Aerosol Science and Technology, 2005, 39, 139-150.	3.1	36
137	Indoor aerosol science aspects of SARSâ€CoVâ€2 transmission. Indoor Air, 2022, 32, .	4.3	36
138	Particle Filter Based on Thermophoretic Deposition from Natural Convection Flow. Aerosol Science and Technology, 1994, 20, 227-238.	3.1	35
139	Effect of interior door position on room-to-room differences in residential pollutant concentrations after short-term releases. Atmospheric Environment, 2009, 43, 706-714.	4.1	34
140	High-Resolution Exposure Assessment for Volatile Organic Compounds in Two California Residences. Environmental Science & Technology, 2021, 55, 6740-6751.	10.0	33
141	Concentrations and Sources of Airborne Particles in a Neonatal Intensive Care Unit. PLoS ONE, 2016, 11, e0154991.	2.5	33
142	Predicting Regional Lung Deposition of Environmental Tobacco Smoke Particles. Aerosol Science and Technology, 1993, 19, 243-254.	3.1	32
143	Can combining economizers with improved filtration save energy and protect equipment in data centers?. Building and Environment, 2010, 45, 718-726.	6.9	32
144	Predicted percentage dissatisfied with ankle draft. Indoor Air, 2017, 27, 852-862.	4.3	32

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145	Intake fraction assessment of the air pollutant exposure implications of a shift toward distributed electricity generation. Atmospheric Environment, 2006, 40, 7164-7177.	4.1	31
146	Real-time monitoring of personal exposures to carbon dioxide. Building and Environment, 2016, 104, 59-67.	6.9	31
147	Defining intake fraction. Environmental Science & Technology, 2002, 36, 207A-211A.	10.0	31
148	Nonlinear Least-Squares Minimization Applied to Tracer Gas Decay for Determining Airflow Rates in a Two-Zone Building. Indoor Air, 1997, 7, 64-75.	4.3	30
149	Scale Dependence of Soil Permeability to Air: Measurement Method and Field Investigation. Water Resources Research, 1996, 32, 547-560.	4.2	29
150	Influence of indoor transport and mixing time scales on the performance of sensor systems for characterizing contaminant releases. Atmospheric Environment, 2007, 41, 9530-9542.	4.1	29
151	Nitric acid concentrations in southern California museums. Environmental Science & Technology, 1990, 24, 1004-1013.	10.0	28
152	Particle concentrations in data centers. Atmospheric Environment, 2008, 42, 5978-5990.	4.1	28
153	Intake fractions of primary conserved air pollutants emitted from on-road vehicles in the United States. Atmospheric Environment, 2012, 63, 298-305.	4.1	28
154	Indoor radon: Exploring U.S. federal policy for controlling human exposures. Environmental Science & Technology, 1990, 24, 774-782.	10.0	27
155	Nicotine as a Marker for Environmental Tobacco Smoke: Implications of Sorption on Indoor Surface Materials. Journal of the Air and Waste Management Association, 1998, 48, 959-968.	1.9	27
156	Reflections on the state of research: indoor environmental quality. Indoor Air, 2011, 21, 219-230.	4.3	27
157	Investigations of Soil as a Source of Indoor Radon. ACS Symposium Series, 1987, , 10-29.	0.5	26
158	Bioaerosol deposition on an air-conditioning cooling coil. Atmospheric Environment, 2016, 144, 257-265.	4.1	26
159	Four principles for achieving good indoor air quality. Indoor Air, 2013, 23, 353-356.	4.3	25
160	Optimizing the Total-alpha Three-count Technique for Measuring Concentrations of Radon Progeny in Residences. Health Physics, 1984, 46, 395-405.	0.5	24
161	Influence of moisturizer and relative humidity on human emissions of fluorescent biological aerosol particles. Indoor Air, 2017, 27, 587-598.	4.3	24
162	Technique for measuring the indoor radon-222 source potential of soil. Environmental Science & Technology, 1989, 23, 451-458.	10.0	23

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163	Effect of Small-Scale Obstructions and Surface Textures on Particle Deposition from Natural Convection Flow. Aerosol Science and Technology, 1997, 27, 709-725.	3.1	23
164	Embracing microbes in exposure science. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 1-10.	3.9	23
165	Low-cost coarse airborne particulate matter sensing for indoor occupancy detection. , 2013, , .		22
166	Exposure to particulate matter and ozone of outdoor origin inÂSingapore. Building and Environment, 2015, 93, 3-13.	6.9	22
167	Fluorescent biological aerosol particles: Concentrations, emissions, and exposures in a northern California residence. Indoor Air, 2018, 28, 559-571.	4.3	22
168	Protection of works of art from damage due to atmospheric ozone. Atmospheric Environment Part A General Topics, 1991, 25, 441-451.	1.3	21
169	Norovirus, gastroenteritis, and indoor environmental quality. Indoor Air, 2011, 21, 353-356.	4.3	21
170	Towards improved characterization of high-risk releases using heterogeneous indoor sensor systems. Building and Environment, 2011, 46, 438-447.	6.9	21
171	Intake to Production Ratio: A Measure of Exposure Intimacy for Manufactured Chemicals. Environmental Health Perspectives, 2012, 120, 1678-1683.	6.0	21
172	Release of Ethanol to the Atmosphere During Use of Consumer Cleaning Products. Journal of the Air and Waste Management Association, 1990, 40, 1114-1120.	0.1	20
173	Effectiveness of urban shelter-in-placeâ€"I: Idealized conditions. Atmospheric Environment, 2007, 41, 4962-4976.	4.1	20
174	Indoor emissions of total and fluorescent supermicron particles during HOMEChem. Indoor Air, 2021, 31, 88-98.	4.3	20
175	Gas-Phase Transport and Sorption of Benzene in Soil. Environmental Science & Technology, 1996, 30, 2178-2186.	10.0	19
176	Transport and Sorption of Organic Gases in Activated Carbon. Journal of Environmental Engineering, ASCE, 1996, 122, 169-175.	1.4	19
177	Effectiveness of urban shelter-in-placeâ€"II: Residential districts. Atmospheric Environment, 2007, 41, 7082-7095.	4.1	19
178	The COVIDâ€19 pandemic is a global indoor air crisis that should lead to change: A message commemorating 30 years of Indoor Air. Indoor Air, 2021, 31, 1683-1686.	4.3	19
179	The use of mechanical ventilation with heat recovery for controlling radon and radondaughter concentrations in houses. Atmospheric Environment, 1981, 15, 263-270.	1.0	18
180	Achieving Deep Cuts in the Carbon Intensity of U.S. Automobile Transportation by 2050: Complementary Roles for Electricity and Biofuels. Environmental Science & Technology, 2013, 47, 9044-9052.	10.0	18

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181	New directions: Potential climate and productivity benefits from CO 2 capture in commercial buildings. Atmospheric Environment, 2015, 103, 378-380.	4.1	18
182	Investigating CO2 removal by Ca- and Mg-based sorbents with application to indoor air treatment. Building and Environment, 2016, 110, 161-172.	6.9	18
183	Environmental Tobacco Smoke Particles. , 0, , 245-274.		17
184	Large Emissions of Low-Volatility Siloxanes during Residential Oven Use. Environmental Science and Technology Letters, 2021, 8, 519-524.	8.7	16
185	Characterizing the sources, range, and environmental influences of radon 222 and its decay products. Science of the Total Environment, 1985, 45, 233-244.	8.0	14
186	Climate change, building energy use, and indoor environmental quality. Indoor Air, 2008, 18, 259-260.	4.3	13
187	RADON ENTRY INTO HOUSES. Health Physics, 1999, 77, 183-191.	0.5	12
188	Guest Editorial. Indoor Air and the Public Good. Indoor Air, 2001, 11, 143-144.	4.3	12
189	Atmospheric ozone levels encountered by commercial aircraft on transatlantic routes. Environmental Research Letters, 2013, 8, 014006.	5.2	12
190	Pilot study of sources and concentrations of size-resolved airborne particles in a neonatal intensive care unit. Building and Environment, 2016, 106, 10-19.	6.9	11
191	Teaching indoor environmental quality. Indoor Air, 2016, 26, 515-516.	4.3	11
192	Characterising the Source of Radon Indoors. Radiation Protection Dosimetry, 1984, 7, 23-39.	0.8	11
193	Time-averaged Indoor Rn Concentrations and Infiltration Rates Sampled in Four U.S. Cities. Health Physics, 1984, 47, 579-586.	0.5	10
194	Transport and Sorption of Water Vapor in Activated Carbon. Journal of Environmental Engineering, ASCE, 1996, 122, 176-182.	1.4	10
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