W W Nazaroff

List of Publications by Citations

218 papers	15,929 citations	68 h-index	119 g-index
265 ext. papers	18,333 ext. citations	6.3 avg, IF	7.11 L-index

#	Paper	IF	Citations
218	Cleaning products and air fresheners: exposure to primary and secondary air pollutants. *Atmospheric Environment*, **2004**, 38, 2841-2865	5.3	552
217	Semivolatile organic compounds in indoor environments. *Atmospheric Environment*, **2008**, 42, 9018-9040	5.3	542
216	How can airborne transmission of COVID-19 indoors be minimised?. *Environment International*, **2020**, 142, 105832	12.9	525
215	Toward understanding the risk of secondary airborne infection: emission of respirable pathogens. *Journal of Occupational and Environmental Hygiene*, **2005**, 2, 143-54	2.9	484
214	MODELING INDOOR PARTICLE DEPOSITION FROM TURBULENT FLOW ONTO SMOOTH SURFACES. *Journal of Aerosol Science*, **2000**, 31, 463-476	4.3	460
213	Radon transport from soil to air. *Reviews of Geophysics*, **1992**, 30, 137	23.1	418
212	Ventilation rates and health: multidisciplinary review of the scientific literature. *Indoor Air*, **2011**, 21, 191-204	5.4	415
211	Indoor particle dynamics. *Indoor Air*, **2004**, 14 Suppl 7, 175-83	5.4	404
210	Human occupancy as a source of indoor airborne bacteria. *PLoS ONE*, **2012**, 7, e34867	3.7	304
209	Indoor particulate matter of outdoor origin: importance of size-dependent removal mechanisms. *Environmental Science & Technology*, **2002**, 36, 200-7	10.3	290
208	Effects of room furnishings and air speed on particle deposition rates indoors. *Atmospheric Environment*, **2002**, 36, 1811-1819	5.3	276
207	Transmission of SARS-CoV-2 by inhalation of respiratory aerosol in the Skagit Valley Chorale superspreading event. *Indoor Air*, **2021**, 31, 314-323	5.4	274
206	SVOC exposure indoors: fresh look at dermal pathways. *Indoor Air*, **2012**, 22, 356-77	5.4	270
205	SVOC partitioning between the gas phase and settled dust indoors. *Atmospheric Environment*, **2010**, 44, 3609-3620	5.3	246
204	Size-resolved emission rates of airborne bacteria and fungi in an occupied classroom. *Indoor Air*, **2012**, 22, 339-51	5.4	245
203	Indoor secondary pollutants from cleaning product and air freshener use in the presence of ozone. *Atmospheric Environment*, **2006**, 40, 6696-6710	5.3	227
202	Cleaning products and air fresheners: emissions and resulting concentrations of glycol ethers and terpenoids. *Indoor Air*, **2006**, 16, 179-91	5.4	227

201	Peer Reviewed: Defining Intake Fraction. *Environmental Science & Technology*, **2002**, 36, 206A-211A	10.3	213
200	Distribution of airborne radon-222 concentrations in U.S. homes. *Science*, **1986**, 234, 992-7	33.3	202
199	Modeling pollutant penetration across building envelopes. *Atmospheric Environment*, **2001**, 35, 4451-4462	3.3	184
198	Mathematical modeling of chemically reactive pollutants in indoor air. *Environmental Science & Technology*, **1986**, 20, 924-34	10.3	182
197	Indoor secondary pollutants from household product emissions in the presence of ozone: A bench-scale chamber study. *Environmental Science & Technology*, **2006**, 40, 4421-8	10.3	179
196	Particle-size distributions and seasonal diversity of allergenic and pathogenic fungi in outdoor air. *ISME Journal*, **2012**, 6, 1801-11	11.9	169
195	Rapid methods to estimate potential exposure to semivolatile organic compounds in the indoor environment. *Environmental Science & Technology*, **2012**, 46, 11171-8	10.3	151
194	Mathematical modeling of indoor aerosol dynamics. *Environmental Science & Technology*, **1989**, 23, 157-166	10.3	147
193	Ozone consumption and volatile byproduct formation from surface reactions with aircraft cabin materials and clothing fabrics. *Atmospheric Environment*, **2008**, 42, 642-654	5.3	137
192	Concentrations of fine, ultrafine, and black carbon particles in auto-rickshaws in New Delhi, India. *Atmospheric Environment*, **2011**, 45, 4470-4480	5.3	135
191	Volatile Organic Compound Emissions from Humans Indoors. *Environmental Science & Technology*, **2016**, 50, 12686-12694	10.3	133
190	Grand challenges for life-cycle assessment of biofuels. *Environmental Science & Technology*, **2011**, 45, 1751-6	10.3	133
189	Ozone interactions with carpet: secondary emissions of aldehydes. *Environmental Science & Technology*, **2002**, 36, 2185-92	10.3	132
188	Ozone-initiated chemistry in an occupied simulated aircraft cabin. *Environmental Science & Technology*, **2007**, 41, 6177-84	10.3	131
187	Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). *Journal of Hospital Infection*, **2021**, 110, 89-96	6.9	130
186	Particle Penetration Through Building Cracks. *Aerosol Science and Technology*, **2003**, 37, 565-573	3.4	127
185	Analyzing a database of residential air leakage in the United States. *Atmospheric Environment*, **2005**, 39, 3445-3455	5.3	126
184	Indoor bioaerosol dynamics. *Indoor Air*, **2016**, 26, 61-78	5.4	122

183	Dermal uptake of organic vapors commonly found in indoor air. *Environmental Science & Technology*, **2014**, 48, 1230-7	10.3	119
182	Chamber bioaerosol study: outdoor air and human occupants as sources of indoor airborne microbes. *PLoS ONE*, **2015**, 10, e0128022	3.7	116
181	Removal of reactive gases at indoor surfaces: Combining mass transport and surface kinetics. *Atmospheric Environment Part A General Topics*, **1993**, 27, 2039-2050		112
180	Gas-phase organics in environmental tobacco smoke. 1. Effects of smoking rate, ventilation, and furnishing level on emission factors. *Environmental Science & Technology*, **2002**, 36, 846-53	10.3	111
179	Ultrafine particle concentrations and exposures in seven residences in northern California. *Indoor Air*, **2011**, 21, 132-44	5.4	104
178	Secondary organic aerosol from ozone-initiated reactions with terpene-rich household products. *Atmospheric Environment*, **2008**, 42, 8234-8245	5.3	100
177	Inhalation intake fraction of pollutants from episodic indoor emissions. *Building and Environment*, **2008**, 43, 269-277	6.5	97
176	Control of respirable particles in indoor air with portable air cleaners. *Atmospheric Environment*, **1985**, 19, 1761-1771		97
175	Characterizing airborne fungal and bacterial concentrations and emission rates in six occupied children's classrooms. *Indoor Air*, **2015**, 25, 641-52	5.4	95
174	Inhalation of hazardous air pollutants from environmental tobacco smoke in US residences. *Journal of Exposure Science and Environmental Epidemiology*, **2004**, 14 Suppl 1, S71-7	6.7	94
173	Transport of subsurface contaminants into buildings. *Environmental Science & Technology*, **1992**, 26, 2058-2066	10.3	94
172	Overview of HOMEChem: House Observations of Microbial and Environmental Chemistry. *Environmental Sciences: Processes and Impacts*, **2019**, 21, 1280-1300	4.3	92
171	Gas-phase organics in environmental tobacco smoke: 2. Exposure-relevant emission factors and indirect exposures from habitual smoking. *Atmospheric Environment*, **2003**, 37, 5551-5561	5.3	92
170	Determining Size-Specific Emission Factors for Environmental Tobacco Smoke Particles. *Aerosol Science and Technology*, **2003**, 37, 780-790	3.4	92
169	Growth of organic films on indoor surfaces. *Indoor Air*, **2017**, 27, 1101-1112	5.4	92
168	Chamber bioaerosol study: human emissions of size-resolved fluorescent biological aerosol particles. *Indoor Air*, **2016**, 26, 193-206	5.4	91
167	Effectiveness of in-room air filtration and dilution ventilation for tuberculosis infection control. *Journal of the Air and Waste Management Association*, **1996**, 46, 869-82	2.4	90
166	Siloxanes Are the Most Abundant Volatile Organic Compound Emitted from Engineering Students in a Classroom. *Environmental Science and Technology Letters*, **2015**, 2, 303-307	11	88

165	Global intraurban intake fractions for primary air pollutants from vehicles and other distributed sources. *Environmental Science & Technology*, **2012**, 46, 3415-23	10.3	86
164	Intake fraction of primary pollutants: motor vehicle emissions in the South Coast Air Basin. *Atmospheric Environment*, **2003**, 37, 3455-3468	5.3	86
163	Experiments Measuring Particle Deposition from Fully Developed Turbulent Flow in Ventilation Ducts. *Aerosol Science and Technology*, **2004**, 38, 914-925	3.4	83
162	Inhalation transfer factors for air pollution health risk assessment. *Journal of the Air and Waste Management Association*, **2000**, 50, 1688-99	2.4	83
161	Environmental tobacco smoke particles in multizone indoor environments. *Atmospheric Environment*, **2001**, 35, 2053-2067	5.3	82
160	Experiments on pollutant transport from soil into residential basements by pressure-driven airflow. *Environmental Science & Technology*, **1987**, 21, 459-66	10.3	79
159	Deposition of Tobacco Smoke Particles in a Low Ventilation Room. *Aerosol Science and Technology*, **1994**, 20, 194-206	3.4	78
158	Radon transport into a detached one-story house with a basement. *Atmospheric Environment*, **1985**, 19, 31-46		78
157	Mass-transport aspects of pollutant removal at indoor surfaces. *Environment International*, **1989**, 15, 567-584	12.9	77
156	Intake fraction of nonreactive vehicle emissions in US urban areas. *Atmospheric Environment*, **2005**, 39, 1363-1371	5.3	76
155	Inhalation of motor vehicle emissions: effects of urban population and land area. *Atmospheric Environment*, **2005**, 39, 283-295	5.3	74
154	A paradigm shift to combat indoor respiratory infection. *Science*, **2021**, 372, 689-691	33.3	73
153	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	5.4	72
152	Size-resolved fluorescent biological aerosol particle concentrations and occupant emissions in a university classroom. *Indoor Air*, **2014**, 24, 604-17	5.4	71
151	Factors Affecting Indoor Air Concentrations of Volatile Organic Compounds at a Site of Subsurface Gasoline Contamination. *Environmental Science & Technology*, **1996**, 30, 2948-2957	10.3	68
150	Supermicron particle deposition from turbulent chamber flow onto smooth and rough vertical surfaces. *Atmospheric Environment*, **2005**, 39, 4893-4900	5.3	67
149	The Rate of Ozone Uptake on Carpets: Experimental Studies. *Environmental Science & Technology*, **2000**, 34, 4963-4968	10.3	67
148	Mixing of a Point Source Pollutant by Natural Convection Flow within a Room. *Indoor Air*, **1994**, 4, 114-123	3.4	66

147	Dynamic behavior of semivolatile organic compounds in indoor air. 2. Nicotine and phenanthrene with carpet and wallboard. *Environmental Science & Technology*, **2001**, 35, 560-7	10.3	65
146	Indoor Particulate Matter during HOMEChem: Concentrations, Size Distributions, and Exposures. *Environmental Science & Technology*, **2020**, 54, 7107-7116	10.3	64
145	Predicting particle deposition on HVAC heat exchangers. *Atmospheric Environment*, **2003**, 37, 5587-5596	5.3	63
144	Surface reservoirs dominate dynamic gas-surface partitioning of many indoor air constituents. *Science Advances*, **2020**, 6, eaay8973	14.3	62
143	Exploring the consequences of climate change for indoor air quality. *Environmental Research Letters* , **2013**, 8, 015022	6.2	62
142	Particle deposition from a natural convection flow onto a vertical isothermal flat plate. *Journal of Aerosol Science*, **1987**, 18, 445-455	4.3	62
141	Ultrafine particle concentrations and exposures in six elementary school classrooms in northern California. *Indoor Air*, **2011**, 21, 77-87	5.4	60
140	Inhalation intake of ambient air pollution in California's South Coast Air Basin. *Atmospheric Environment*, **2006**, 40, 4381-4392	5.3	60
139	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	5.3	59
138	Particle Deposition in Museums: Comparison of Modeling and Measurement Results. *Aerosol Science and Technology*, **1990**, 13, 332-348	3.4	59
137	Protecting museum collections from soiling due to the deposition of airborne particles. *Atmospheric Environment Part A General Topics*, **1991**, 25, 841-852		55
136	Concentration and fate of airborne particles in museums. *Environmental Science & Technology*, **1990**, 24, 66-77	10.3	54
135	Modeling residential exposure to secondhand tobacco smoke. *Atmospheric Environment*, **2006**, 40, 4393-4407	5.3	53
134	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, 941-52	2.4	53
133	Potable water as a source of airborne 222Rn in U.S. dwellings: a review and assessment. *Health Physics*, **1987**, 52, 281-95	2.3	53
132	Indoor emissions as a primary source of airborne allergenic fungal particles in classrooms. *Environmental Science & Technology*, **2015**, 49, 5098-106	10.3	50
131	Modeling particle loss in ventilation ducts. *Atmospheric Environment*, **2003**, 37, 5597-5609	5.3	50
130	Transport and sorption of volatile organic compounds and water vapor within dry soil grains. *Environmental Science & Technology*, **1994**, 28, 322-30	10.3	50

129	Characterizing sources and emissions of volatile organic compounds in a northern California residence using space- and time-resolved measurements. *Indoor Air*, **2019**, 29, 630-644	5.4	49
128	Clothing-Mediated Exposures to Chemicals and Particles. *Environmental Science & Technology*, **2019**, 53, 5559-5575	10.3	48
127	Dynamic Behavior of Semivolatile Organic Compounds in Indoor Air. 1. Nicotine in a Stainless Steel Chamber. *Environmental Science & Technology*, **1997**, 31, 2554-2561	10.3	48
126	Mixing of a Point-Source Indoor Pollutant by Forced Convection. *Indoor Air*, **1995**, 5, 204-214	5.4	46
125	Emission rates and the personal cloud effect associated with particle release from the perihuman environment. *Indoor Air*, **2017**, 27, 791-802	5.4	44
124	Intake fraction of nonreactive motor vehicle exhaust in Hong Kong. *Atmospheric Environment*, **2010**, 44, 1913-1918	5.3	44
123	Systems approach to evaluating sensor characteristics for real-time monitoring of high-risk indoor contaminant releases. *Atmospheric Environment*, **2006**, 40, 3490-3502	5.3	44
122	The rate of ozone uptake on carpet: mathematical modeling. *Atmospheric Environment*, **2002**, 36, 1749-1756	5.3	44
121	Particle Deposition from Natural Convection Enclosure Flow Onto Smooth Surfaces. *Aerosol Science and Technology*, **1996**, 25, 359-374	3.4	43
120	Ozone levels in passenger cabins of commercial aircraft on North American and transoceanic routes. *Environmental Science & Technology*, **2008**, 42, 3938-43	10.3	42
119	Sources and dynamics of semivolatile organic compounds in a single-family residence in northern California. *Indoor Air*, **2019**, 29, 645-655	5.4	40
118	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	5.3	40
117	Imaging indoor tracer-gas concentrations with computed tomography: experimental results with a remote sensing FTIR system. *AIHA Journal*, **1994**, 55, 395-402		40
116	Framework for Evaluating Measures to Control Nosocomial Tuberculosis Transmission. *Indoor Air*, **1998**, 8, 205-218	5.4	39
115	Sensation of draft at uncovered ankles for women exposed to displacement ventilation and underfloor air distribution systems. *Building and Environment*, **2016**, 96, 228-236	6.5	37
114	Detailed investigation of ventilation rates and airflow patterns in a northern California residence. *Indoor Air*, **2018**, 28, 572-584	5.4	36
113	Ultrafine particle concentrations and exposures in four high-rise Beijing apartments. *Atmospheric Environment*, **2011**, 45, 7574-7582	5.3	36
112	Characteristics of airborne particles inside southern California museums. *Atmospheric Environment Part A General Topics*, **1993**, 27, 697-711		36

111	Indoor acids and bases. *Indoor Air*, **2020**, 30, 559-644	5.4	35
110	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	5.3	35
109	The effect of steady winds on radon-222 entry from soil into houses. *Atmospheric Environment*, **1996**, 30, 1167-1176	5.3	35
108	Particle exposure during the 2013 haze in Singapore: Importance of the built environment. *Building and Environment*, **2015**, 93, 14-23	6.5	34
107	Cooling efficiency of a brushless direct current stand fan. *Building and Environment*, **2015**, 85, 196-204	6.5	34
106	Microbes and associated soluble and volatile chemicals on periodically wet household surfaces. *Microbiome*, **2017**, 5, 128	16.6	34
105	Ozone reaction with interior building materials: Influence of diurnal ozone variation, temperature and humidity. *Atmospheric Environment*, **2016**, 125, 15-23	5.3	34
104	Lifecycle greenhouse gas implications of US national scenarios for cellulosic ethanol production. *Environmental Research Letters*, **2012**, 7, 014011	6.2	34
103	Radon concentrations and infiltration rates measured in conventional and energy-efficient houses. *Health Physics*, **1983**, 45, 401-5	2.3	34
102	Measurement of NO3 and N2O5 in a Residential Kitchen. *Environmental Science and Technology Letters*, **2018**, 5, 595-599	11	34
101	Inhalation intake fraction of particulate matter from localized indoor emissions. *Building and Environment*, **2017**, 123, 14-22	6.5	33
100	Energy and cost associated with ventilating office buildings in a tropical climate. *PLoS ONE*, **2015**, 10, e0122310	3.7	33
99	Characterizing Airborne Phthalate Concentrations and Dynamics in a Normally Occupied Residence. *Environmental Science & Technology*, **2019**, 53, 7337-7346	10.3	32
98	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	4.3	32
97	Radon entry into houses having a crawl space. *Health Physics*, **1985**, 48, 265-81	2.3	32
96	Indoor and outdoor particles in an air-conditioned building during and after the 2013 haze in Singapore. *Building and Environment*, **2016**, 99, 73-81	6.5	30
95	Intake fraction assessment of the air pollutant exposure implications of a shift toward distributed electricity generation. *Atmospheric Environment*, **2006**, 40, 7164-7177	5.3	30
94	Data center design and location: Consequences for electricity use and greenhouse-gas emissions. *Building and Environment*, **2011**, 46, 990-998	6.5	29

93	Particle Deposition in Ventilation Ducts: Connectors, Bends and Developing Turbulent Flow. *Aerosol Science and Technology*, **2005**, 39, 139-150	3.4	29
92	Predicting Regional Lung Deposition of Environmental Tobacco Smoke Particles. *Aerosol Science and Technology*, **1993**, 19, 243-254	3.4	29
91	Heterogeneous Ozonolysis of Squalene: Gas-Phase Products Depend on Water Vapor Concentration. *Environmental Science & Technology*, **2019**, 53, 14441-14448	10.3	29
90	Defining intake fraction. *Environmental Science & Technology*, **2002**, 36, 207A-211A	10.3	29
89	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	6.5	28
88	Can combining economizers with improved filtration save energy and protect equipment in data centers?. *Building and Environment*, **2010**, 45, 718-726	6.5	28
87	Particle Filter Based on Thermophoretic Deposition from Natural Convection Flow. *Aerosol Science and Technology*, **1994**, 20, 227-238	3.4	28
86	Influence of indoor transport and mixing time scales on the performance of sensor systems for characterizing contaminant releases. *Atmospheric Environment*, **2007**, 41, 9530-9542	5.3	27
85	Effect of interior door position on room-to-room differences in residential pollutant concentrations after short-term releases. *Atmospheric Environment*, **2009**, 43, 706-714	5.3	26
84	Particle deposition from turbulent flow: Review of published research and its applicability to ventilation ducts in commercial buildings		26
83	Nonlinear Least-Squares Minimization Applied to Tracer Gas Decay for Determining Airflow Rates in a Two-Zone Building. *Indoor Air*, **1997**, 7, 64-75	5.4	25
82	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	2.4	25
81	Concentrations and Sources of Airborne Particles in a Neonatal Intensive Care Unit. *PLoS ONE*, **2016** , 11, e0154991	3.7	25
80	Predicted percentage dissatisfied with ankle draft. *Indoor Air*, **2017**, 27, 852-862	5.4	24
79	Intake fractions of primary conserved air pollutants emitted from on-road vehicles in the United States. *Atmospheric Environment*, **2012**, 63, 298-305	5.3	24
78	Reflections on the state of research: indoor environmental quality. *Indoor Air*, **2011**, 21, 219-30	5.4	24
77	Residential air-change rates: A critical review. *Indoor Air*, **2021**, 31, 282-313	5.4	24
76	Particle concentrations in data centers. *Atmospheric Environment*, **2008**, 42, 5978-5990	5.3	23

75	Scale Dependence of Soil Permeability to Air: Measurement Method and Field Investigation. *Water Resources Research*, **1996**, 32, 547-560	5.4	23
74	Nitric acid concentrations in southern California museums. *Environmental Science & Technology* , **1990**, 24, 1004-1013	10.3	23
73	Transmission of SARS-CoV-2 by inhalation of respiratory aerosol in the Skagit Valley Chorale superspreading event		23
72	Observing ozone chemistry in an occupied residence. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	23
71	Surface Emissions Modulate Indoor SVOC Concentrations through Volatility-Dependent Partitioning. *Environmental Science & Technology*, **2020**, 54, 6751-6760	10.3	22
70	Indoor radon: Exploring U.S. federal policy for controlling human exposures. *Environmental Science & Technology*, **1990**, 24, 774-782	10.3	22
69	Intake to production ratio: a measure of exposure intimacy for manufactured chemicals. *Environmental Health Perspectives*, **2012**, 120, 1678-83	8.4	21
68	Real-time monitoring of personal exposures to carbon dioxide. *Building and Environment*, **2016**, 104, 59-67	6.5	21
67	Exposure to particulate matter and ozone of outdoor origin in Singapore. *Building and Environment*, **2015**, 93, 3-13	6.5	20
66	Clothing as a transport vector for airborne particles: Chamber study. *Indoor Air*, **2018**, 28, 404-414	5.4	20
65	Effect of Small-Scale Obstructions and Surface Textures on Particle Deposition from Natural Convection Flow. *Aerosol Science and Technology*, **1997**, 27, 709-725	3.4	20
64	Technique for measuring the indoor radon-222 source potential of soil. *Environmental Science & Technology*, **1989**, 23, 451-458	10.3	20
63	Investigations of Soil as a Source of Indoor Radon. *ACS Symposium Series*, **1987**, 10-29	0.4	19
62	Optimizing the total-alpha three-count technique for measuring concentrations of radon progeny in residences. *Health Physics*, **1984**, 46, 395-405	2.3	19
61	Bioaerosol deposition on an air-conditioning cooling coil. *Atmospheric Environment*, **2016**, 144, 257-265	5.3	17
60	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, 9044-52	10.3	17
59	Towards improved characterization of high-risk releases using heterogeneous indoor sensor systems. *Building and Environment*, **2011**, 46, 438-447	6.5	17
58	Gas-Phase Transport and Sorption of Benzene in Soil. *Environmental Science & Technology*, **1996**, 30, 2178-2186	10.3	17

57	Transport and Sorption of Organic Gases in Activated Carbon. *Journal of Environmental Engineering, ASCE*, **1996**, 122, 169-175	2	17
56	Release of Ethanol to the Atmosphere During Use of Consumer Cleaning Products. *Journal of the Air and Waste Management Association*, **1990**, 40, 1114-1120		17
55	Protection of works of art from damage due to atmospheric ozone. *Atmospheric Environment Part A General Topics*, **1991**, 25, 441-451		17
54	Fluorescent biological aerosol particles: Concentrations, emissions, and exposures in a northern California residence. *Indoor Air*, **2018**, 28, 559-571	5.4	16
53	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and Their Application to COVID-19 Outbreaks.. *Environmental Science & Technology*, **2022**,	10.3	16
52	How Do Indoor Environments Affect Air Pollution Exposure?. *Environmental Science & Technology*, **2021**, 55, 100-108	10.3	16
51	New directions: Potential climate and productivity benefits from CO 2 capture in commercial buildings. *Atmospheric Environment*, **2015**, 103, 378-380	5.3	15
50	Influence of moisturizer and relative humidity on human emissions of fluorescent biological aerosol particles. *Indoor Air*, **2017**, 27, 587-598	5.4	15
49	Effectiveness of urban shelter-in-place□ Idealized conditions. *Atmospheric Environment*, **2007**, 41, 4962-4976	5.3	15
48	The use of mechanical ventilation with heat recovery for controlling radon and radondaughter concentrations in houses. *Atmospheric Environment*, **1981**, 15, 263-270		14
47	Embracing microbes in exposure science. *Journal of Exposure Science and Environmental Epidemiology*, **2019**, 29, 1-10	6.7	14
46	**2013**,		13
45	Effectiveness of urban shelter-in-place□: Residential districts. *Atmospheric Environment*, **2007**, 41, 7082-7095	5.3	12
44	Environmental Tobacco Smoke Particles245-274		12
43	Atmospheric ozone levels encountered by commercial aircraft on transatlantic routes. *Environmental Research Letters*, **2013**, 8, 014006	6.2	11
42	Radon entry into houses: the importance of scale-dependent permeability. *Health Physics*, **1999**, 77, 183-91	2.3	11
41	High-Resolution Exposure Assessment for Volatile Organic Compounds in Two California Residences. *Environmental Science & Technology*, **2021**, 55, 6740-6751	10.3	11
40	Indoor emissions of total and fluorescent supermicron particles during HOMEChem. *Indoor Air*, **2021**, 31, 88-98	5.4	11

39	Time-averaged indoor Rn concentrations and infiltration rates sampled in four U.S. cities. *Health Physics*, **1984**, 47, 579-86	2.3	10
38	Transport and Sorption of Water Vapor in Activated Carbon. *Journal of Environmental Engineering, ASCE*, **1996**, 122, 176-182	2	9
37	New Directions: It's time to put the human receptor into air pollution control policy. *Atmospheric Environment*, **2008**, 42, 6565-6566	5.3	9
36	Entry by Pressure-driven Flow or Molecular Diffusion? A Reassessment of 222Rn Concentrations Measured in an Energy-Efficient House*. *Health Physics*, **1988**, 55, 1005-1009	2.3	9
35	Characterizing the sources, range, and environmental influences of radon 222 and its decay products. *Science of the Total Environment*, **1985**, 45, 233-44	10.2	9
34	Indoor ozone: Concentrations and influencing factors. *Indoor Air*, **2021**,	5.4	9
33	Numerical investigations of the deposition of unattached 218Po and 212Pb from natural convection enclosure flow. *Journal of Aerosol Science*, **1992**, 23, 339-352	4.3	8
32	Human disease from radon exposures: The impact of energy conservation in residential buildings. *Energy and Buildings*, **1979**, 2, 209-215	7	8
31	Particle Deposition in Ventilation Ducts: Connectors, Bends and Developing Turbulent Flow		8
30	Investigating CO2 removal by Ca- and Mg-based sorbents with application to indoor air treatment. *Building and Environment*, **2016**, 110, 161-172	6.5	8
29	Pilot study of sources and concentrations of size-resolved airborne particles in a neonatal intensive care unit. *Building and Environment*, **2016**, 106, 10-19	6.5	8
28	Intake-to-delivered-energy ratios for central station and distributed electricity generation in California. *Atmospheric Environment*, **2007**, 41, 9159-9172	5.3	7
27	Effectiveness of urban shelter-in-place. III: Commercial districts. *Building Simulation*, **2008**, 1, 144-157	3.9	7
26	Large Emissions of Low-Volatility Siloxanes during Residential Oven Use. *Environmental Science and Technology Letters*, **2021**, 8, 519-524	11	7
25	Volatile organic compound emissions during HOMEChem. *Indoor Air*, **2021**, 31, 2099-2117	5.4	7
24	Calibration of the Ogawa passive ozone sampler for aircraft cabins. *Atmospheric Environment*, **2013**, 65, 21-24	5.3	6
23	Mitigating residential exposure to secondhand tobacco smoke. *Atmospheric Environment*, **2006**, 40, 4408-4422	5.3	6
22	Radon daughter carousel: An automated instrument for measuring indoor concentrations of 218Po, 214Pb, and 214Bi. *Review of Scientific Instruments*, **1983**, 54, 1227-1233	1.7	6

21	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and their Application to COVID-19 Outbreaks		6
20	Exploring temporal patterns of bacterial and fungal DNA accumulation on a ventilation system filter for a Singapore university library. *PLoS ONE*, **2018**, 13, e0200820	3.7	5
19	Investigating ozone-induced decomposition of surface-bound permethrin for conditions in aircraft cabins. *Indoor Air*, **2010**, 20, 61-71	5.4	5
18	Reducing the risk of accidental death due to vehicle-related carbon monoxide poisoning. *Journal of the Air and Waste Management Association*, **1998**, 48, 899-906	2.4	5
17	On the measurement of 218Po diffusivity using the two-filter method. *Journal of Aerosol Science*, **1994**, 25, 689-697	4.3	5
16	Automated system for measuring air-exchange rate and radon concentration in houses. *Health Physics*, **1983**, 45, 525-37	2.3	5
15	Evaluation of indoor aerosol control devices and their effects on radon progeny concentrations. *Environment International*, **1986**, 12, 429-438	12.9	5
14	Intake Fraction **2006**, 237-251		5
13	Indoor black carbon and brown carbon concentrations from cooking and outdoor penetration: insights from the HOMEChem study. *Environmental Sciences: Processes and Impacts*, **2021**, 23, 1476-1487	4.3	5
12	Indoor aerosol science aspects of SARS-CoV-2 transmission. *Indoor Air*, **2021**,	5.4	4
11	DNA accumulation on ventilation system filters in university buildings in Singapore. *PLoS ONE*, **2017** , 12, e0186295	3.7	3
10	Thermophoresis in boundary layer flows. *Journal of Aerosol Science*, **1990**, 21, 827-828	4.3	3
9	A rapid spectroscopic technique for determining the potential alpha-energy concentration of radon decay products. *Health Physics*, **1983**, 45, 509-23	2.3	3
8	Ultrafine Particle Production from the Ozonolysis of Personal Care Products. *Environmental Science & Technology*, **2017**, 51, 12737-12744	10.3	2
7	Anisokinetic Shrouded Nozzle System for Constant Low-Flow Rate Aerosol Sampling from Turbulent Duct Flow. *Aerosol Science and Technology*, **2014**, 48, 90-98	3.4	2
6	Particle deposition from a natural convection flow onto a vertical isothermal flat plate. *Journal of Aerosol Science*, **1989**, 20, 138-139	4.3	2
5	Field data logger with EPROM storage. *Review of Scientific Instruments*, **1983**, 54, 1252-1253	1.7	2
4	Characterising the Source of Radon Indoors. *Radiation Protection Dosimetry*, **1984**, 7, 23-39	0.9	2

3	Intake Fractions for Volatile Organic Compounds in Two Occupied California Residences. *Environmental Science and Technology Letters*, **2021**, 8, 386-391	11	2
2	Effectiveness of smokeless ashtrays. *Journal of the Air and Waste Management Association*, **1995**, 45, 494-500	2.4	1
1	Anatomy of a Journal: Indoor Air. *Indoor Air*, **2007**, 17, 257-258	5.4	