

# W W Nazaroff

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/308685/w-w-nazaroff-publications-by-year.pdf>  
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and Their Application to COVID-19 Outbreaks.. <i>Environmental Science &amp; Technology</i> , <b>2022</b> ,	10.3	16
217	Transmission of SARS-CoV-2 by inhalation of respiratory aerosol in the Skagit Valley Chorale superspreading event. <i>Indoor Air</i> , <b>2021</b> , 31, 314-323	5.4	274
216	Indoor ozone: Concentrations and influencing factors. <i>Indoor Air</i> , <b>2021</b> ,	5.4	9
215	Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). <i>Journal of Hospital Infection</i> , <b>2021</b> , 110, 89-96	6.9	130
214	Intake Fractions for Volatile Organic Compounds in Two Occupied California Residences. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 386-391	11	2
213	A paradigm shift to combat indoor respiratory infection. <i>Science</i> , <b>2021</b> , 372, 689-691	33.3	73
212	High-Resolution Exposure Assessment for Volatile Organic Compounds in Two California Residences. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 6740-6751	10.3	11
211	Large Emissions of Low-Volatility Siloxanes during Residential Oven Use. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 519-524	11	7
210	Volatile organic compound emissions during HOMEChem. <i>Indoor Air</i> , <b>2021</b> , 31, 2099-2117	5.4	7
209	How Do Indoor Environments Affect Air Pollution Exposure?. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 100-108	10.3	16
208	Indoor emissions of total and fluorescent supermicron particles during HOMEChem. <i>Indoor Air</i> , <b>2021</b> , 31, 88-98	5.4	11
207	Indoor black carbon and brown carbon concentrations from cooking and outdoor penetration: insights from the HOMEChem study. <i>Environmental Sciences: Processes and Impacts</i> , <b>2021</b> , 23, 1476-1487 <sup>4.3</sup>		5
206	Residential air-change rates: A critical review. <i>Indoor Air</i> , <b>2021</b> , 31, 282-313	5.4	24
205	Observing ozone chemistry in an occupied residence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	23
204	Indoor aerosol science aspects of SARS-CoV-2 transmission. <i>Indoor Air</i> , <b>2021</b> ,	5.4	4
203	Indoor acids and bases. <i>Indoor Air</i> , <b>2020</b> , 30, 559-644	5.4	35
202	Surface Emissions Modulate Indoor SVOC Concentrations through Volatility-Dependent Partitioning. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 6751-6760	10.3	22

201	Indoor Particulate Matter during HOMEChem: Concentrations, Size Distributions, and Exposures. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 7107-7116	10.3	64
200	How can airborne transmission of COVID-19 indoors be minimised?. <i>Environment International</i> , <b>2020</b> , 142, 105832	12.9	525
199	Surface reservoirs dominate dynamic gas-surface partitioning of many indoor air constituents. <i>Science Advances</i> , <b>2020</b> , 6, eaay8973	14.3	62
198	Characterizing Airborne Phthalate Concentrations and Dynamics in a Normally Occupied Residence. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 7337-7346	10.3	32
197	Clothing-Mediated Exposures to Chemicals and Particles. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 5559-5575	10.3	48
196	Sources and dynamics of semivolatile organic compounds in a single-family residence in northern California. <i>Indoor Air</i> , <b>2019</b> , 29, 645-655	5.4	40
195	Characterizing sources and emissions of volatile organic compounds in a northern California residence using space- and time-resolved measurements. <i>Indoor Air</i> , <b>2019</b> , 29, 630-644	5.4	49
194	Overview of HOMEChem: House Observations of Microbial and Environmental Chemistry. <i>Environmental Sciences: Processes and Impacts</i> , <b>2019</b> , 21, 1280-1300	4.3	92
193	Heterogeneous Ozonolysis of Squalene: Gas-Phase Products Depend on Water Vapor Concentration. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 14441-14448	10.3	29
192	Embracing microbes in exposure science. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2019</b> , 29, 1-10	6.7	14
191	Detailed investigation of ventilation rates and airflow patterns in a northern California residence. <i>Indoor Air</i> , <b>2018</b> , 28, 572-584	5.4	36
190	Fluorescent biological aerosol particles: Concentrations, emissions, and exposures in a northern California residence. <i>Indoor Air</i> , <b>2018</b> , 28, 559-571	5.4	16
189	Clothing as a transport vector for airborne particles: Chamber study. <i>Indoor Air</i> , <b>2018</b> , 28, 404-414	5.4	20
188	Exploring temporal patterns of bacterial and fungal DNA accumulation on a ventilation system filter for a Singapore university library. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200820	3.7	5
187	Measurement of NO <sub>3</sub> and N <sub>2</sub> O <sub>5</sub> in a Residential Kitchen. <i>Environmental Science and Technology Letters</i> , <b>2018</b> , 5, 595-599	11	34
186	Longitudinal assessment of thermal and perceived air quality acceptability in relation to temperature, humidity, and CO <sub>2</sub> exposure in Singapore. <i>Building and Environment</i> , <b>2017</b> , 115, 80-90	6.5	28
185	Predicted percentage dissatisfied with ankle draft. <i>Indoor Air</i> , <b>2017</b> , 27, 852-862	5.4	24
184	Emission rates and the personal cloud effect associated with particle release from the perihuman environment. <i>Indoor Air</i> , <b>2017</b> , 27, 791-802	5.4	44

183	Ultrafine Particle Production from the Ozonolysis of Personal Care Products. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 12737-12744	10.3	2
182	DNA accumulation on ventilation system filters in university buildings in Singapore. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186295	3.7	3
181	Microbes and associated soluble and volatile chemicals on periodically wet household surfaces. <i>Microbiome</i> , <b>2017</b> , 5, 128	16.6	34
180	Inhalation intake fraction of particulate matter from localized indoor emissions. <i>Building and Environment</i> , <b>2017</b> , 123, 14-22	6.5	33
179	Thermal comfort, perceived air quality, and cognitive performance when personally controlled air movement is used by tropically acclimatized persons. <i>Indoor Air</i> , <b>2017</b> , 27, 690-702	5.4	72
178	Influence of moisturizer and relative humidity on human emissions of fluorescent biological aerosol particles. <i>Indoor Air</i> , <b>2017</b> , 27, 587-598	5.4	15
177	Growth of organic films on indoor surfaces. <i>Indoor Air</i> , <b>2017</b> , 27, 1101-1112	5.4	92
176	Bioaerosol deposition on an air-conditioning cooling coil. <i>Atmospheric Environment</i> , <b>2016</b> , 144, 257-265	5.3	17
175	Volatile Organic Compound Emissions from Humans Indoors. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12686-12694	10.3	133
174	Ozone reaction with interior building materials: Influence of diurnal ozone variation, temperature and humidity. <i>Atmospheric Environment</i> , <b>2016</b> , 125, 15-23	5.3	34
173	Sensation of draft at uncovered ankles for women exposed to displacement ventilation and underfloor air distribution systems. <i>Building and Environment</i> , <b>2016</b> , 96, 228-236	6.5	37
172	Indoor and outdoor particles in an air-conditioned building during and after the 2013 haze in Singapore. <i>Building and Environment</i> , <b>2016</b> , 99, 73-81	6.5	30
171	Concentrations and Sources of Airborne Particles in a Neonatal Intensive Care Unit. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154991	3.7	25
170	Investigating CO <sub>2</sub> removal by Ca- and Mg-based sorbents with application to indoor air treatment. <i>Building and Environment</i> , <b>2016</b> , 110, 161-172	6.5	8
169	Indoor bioaerosol dynamics. <i>Indoor Air</i> , <b>2016</b> , 26, 61-78	5.4	122
168	Chamber bioaerosol study: human emissions of size-resolved fluorescent biological aerosol particles. <i>Indoor Air</i> , <b>2016</b> , 26, 193-206	5.4	91
167	Real-time monitoring of personal exposures to carbon dioxide. <i>Building and Environment</i> , <b>2016</b> , 104, 59-67	6.5	21
166	Pilot study of sources and concentrations of size-resolved airborne particles in a neonatal intensive care unit. <i>Building and Environment</i> , <b>2016</b> , 106, 10-19	6.5	8

165	Characterizing airborne fungal and bacterial concentrations and emission rates in six occupied children's classrooms. <i>Indoor Air</i> , <b>2015</b> , 25, 641-52	5.4	95
164	New directions: Potential climate and productivity benefits from CO <sub>2</sub> capture in commercial buildings. <i>Atmospheric Environment</i> , <b>2015</b> , 103, 378-380	5.3	15
163	Particle exposure during the 2013 haze in Singapore: Importance of the built environment. <i>Building and Environment</i> , <b>2015</b> , 93, 14-23	6.5	34
162	Indoor emissions as a primary source of airborne allergenic fungal particles in classrooms. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 5098-106	10.3	50
161	Exposure to particulate matter and ozone of outdoor origin in Singapore. <i>Building and Environment</i> , <b>2015</b> , 93, 3-13	6.5	20
160	Siloxanes Are the Most Abundant Volatile Organic Compound Emitted from Engineering Students in a Classroom. <i>Environmental Science and Technology Letters</i> , <b>2015</b> , 2, 303-307	11	88
159	Cooling efficiency of a brushless direct current stand fan. <i>Building and Environment</i> , <b>2015</b> , 85, 196-204	6.5	34
158	Energy and cost associated with ventilating office buildings in a tropical climate. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122310	3.7	33
157	Chamber bioaerosol study: outdoor air and human occupants as sources of indoor airborne microbes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128022	3.7	116
156	Size-resolved fluorescent biological aerosol particle concentrations and occupant emissions in a university classroom. <i>Indoor Air</i> , <b>2014</b> , 24, 604-17	5.4	71
155	Dermal uptake of organic vapors commonly found in indoor air. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 1230-7	10.3	119
154	Assessing the aerodynamic diameters of taxon-specific fungal bioaerosols by quantitative PCR and next-generation DNA sequencing. <i>Journal of Aerosol Science</i> , <b>2014</b> , 78, 1-10	4.3	32
153	Anisokinetic Shrouded Nozzle System for Constant Low-Flow Rate Aerosol Sampling from Turbulent Duct Flow. <i>Aerosol Science and Technology</i> , <b>2014</b> , 48, 90-98	3.4	2
152	Calibration of the Ogawa passive ozone sampler for aircraft cabins. <i>Atmospheric Environment</i> , <b>2013</b> , 65, 21-24	5.3	6
151	Achieving deep cuts in the carbon intensity of U.S. automobile transportation by 2050: complementary roles for electricity and biofuels. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 9044-52	10.3	17
150	Exploring the consequences of climate change for indoor air quality. <i>Environmental Research Letters</i> , <b>2013</b> , 8, 015022	6.2	62
149	Atmospheric ozone levels encountered by commercial aircraft on transatlantic routes. <i>Environmental Research Letters</i> , <b>2013</b> , 8, 014006	6.2	11
148	<b>2013,</b>		13

147	Intake fractions of primary conserved air pollutants emitted from on-road vehicles in the United States. <i>Atmospheric Environment</i> , <b>2012</b> , 63, 298-305	5.3	24
146	Global intraurban intake fractions for primary air pollutants from vehicles and other distributed sources. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 3415-23	10.3	86
145	Particle-size distributions and seasonal diversity of allergenic and pathogenic fungi in outdoor air. <i>ISME Journal</i> , <b>2012</b> , 6, 1801-11	11.9	169
144	Rapid methods to estimate potential exposure to semivolatile organic compounds in the indoor environment. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 11171-8	10.3	151
143	Size-resolved emission rates of airborne bacteria and fungi in an occupied classroom. <i>Indoor Air</i> , <b>2012</b> , 22, 339-51	5.4	245
142	SVOC exposure indoors: fresh look at dermal pathways. <i>Indoor Air</i> , <b>2012</b> , 22, 356-77	5.4	270
141	Intake to production ratio: a measure of exposure intimacy for manufactured chemicals. <i>Environmental Health Perspectives</i> , <b>2012</b> , 120, 1678-83	8.4	21
140	Lifecycle greenhouse gas implications of US national scenarios for cellulosic ethanol production. <i>Environmental Research Letters</i> , <b>2012</b> , 7, 014011	6.2	34
139	Human occupancy as a source of indoor airborne bacteria. <i>PLoS ONE</i> , <b>2012</b> , 7, e34867	3.7	304
138	Grand challenges for life-cycle assessment of biofuels. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 1751-6	10.3	133
137	Reflections on the state of research: indoor environmental quality. <i>Indoor Air</i> , <b>2011</b> , 21, 219-30	5.4	24
136	Ultrafine particle concentrations and exposures in seven residences in northern California. <i>Indoor Air</i> , <b>2011</b> , 21, 132-44	5.4	104
135	Ultrafine particle concentrations and exposures in six elementary school classrooms in northern California. <i>Indoor Air</i> , <b>2011</b> , 21, 77-87	5.4	60
134	Ventilation rates and health: multidisciplinary review of the scientific literature. <i>Indoor Air</i> , <b>2011</b> , 21, 191-204	5.4	415
133	Ultrafine particle concentrations and exposures in four high-rise Beijing apartments. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 7574-7582	5.3	36
132	Concentrations of fine, ultrafine, and black carbon particles in auto-rickshaws in New Delhi, India. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 4470-4480	5.3	135
131	Data center design and location: Consequences for electricity use and greenhouse-gas emissions. <i>Building and Environment</i> , <b>2011</b> , 46, 990-998	6.5	29
130	Towards improved characterization of high-risk releases using heterogeneous indoor sensor systems. <i>Building and Environment</i> , <b>2011</b> , 46, 438-447	6.5	17

129	Investigating ozone-induced decomposition of surface-bound permethrin for conditions in aircraft cabins. <i>Indoor Air</i> , <b>2010</b> , 20, 61-71	5:4	5
128	Intake fraction of nonreactive motor vehicle exhaust in Hong Kong. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 1913-1918	5:3	44
127	SVOC partitioning between the gas phase and settled dust indoors. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 3609-3620	5:3	246
126	Can combining economizers with improved filtration save energy and protect equipment in data centers?. <i>Building and Environment</i> , <b>2010</b> , 45, 718-726	6:5	28
125	Effect of interior door position on room-to-room differences in residential pollutant concentrations after short-term releases. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 706-714	5:3	26
124	Ozone consumption and volatile byproduct formation from surface reactions with aircraft cabin materials and clothing fabrics. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 642-654	5:3	137
123	Particle concentrations in data centers. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 5978-5990	5:3	23
122	Secondary organic aerosol from ozone-initiated reactions with terpene-rich household products. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 8234-8245	5:3	100
121	New Directions: It's time to put the human receptor into air pollution control policy. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 6565-6566	5:3	9
120	Semivolatile organic compounds in indoor environments. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 9018-9040	5:3	542
119	Ozone levels in passenger cabins of commercial aircraft on North American and transoceanic routes. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 3938-43	10:3	42
118	Inhalation intake fraction of pollutants from episodic indoor emissions. <i>Building and Environment</i> , <b>2008</b> , 43, 269-277	6:5	97
117	Effectiveness of urban shelter-in-place. III: Commercial districts. <i>Building Simulation</i> , <b>2008</b> , 1, 144-157	3:9	7
116	Ozone-initiated chemistry in an occupied simulated aircraft cabin. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 6177-84	10:3	131
115	Anatomy of a Journal: Indoor Air. <i>Indoor Air</i> , <b>2007</b> , 17, 257-258	5:4	
114	Effectiveness of urban shelter-in-place: Idealized conditions. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 4962-4976	5:3	15
113	Effectiveness of urban shelter-in-place: Residential districts. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 7082-7095	5:3	12
112	Intake-to-delivered-energy ratios for central station and distributed electricity generation in California. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 9159-9172	5:3	7



111	Influence of indoor transport and mixing time scales on the performance of sensor systems for characterizing contaminant releases. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 9530-9542	5:3	27
110	Systems approach to evaluating sensor characteristics for real-time monitoring of high-risk indoor contaminant releases. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 3490-3502	5:3	44
109	Mitigating residential exposure to secondhand tobacco smoke. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 4408-4422	5:3	6
108	Modeling residential exposure to secondhand tobacco smoke. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 4393-4407	5:3	53
107	Inhalation intake of ambient air pollution in California's South Coast Air Basin. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 4381-4392	5:3	60
106	Indoor secondary pollutants from cleaning product and air freshener use in the presence of ozone. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 6696-6710	5:3	227
105	Intake fraction assessment of the air pollutant exposure implications of a shift toward distributed electricity generation. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 7164-7177	5:3	30
104	Indoor secondary pollutants from household product emissions in the presence of ozone: A bench-scale chamber study. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 4421-8	10:3	179
103	Cleaning products and air fresheners: emissions and resulting concentrations of glycol ethers and terpenoids. <i>Indoor Air</i> , <b>2006</b> , 16, 179-91	5:4	227
102	Intake Fraction <b>2006</b> , 237-251		5
101	Toward understanding the risk of secondary airborne infection: emission of respirable pathogens. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2005</b> , 2, 143-54	2:9	484
100	Inhalation of motor vehicle emissions: effects of urban population and land area. <i>Atmospheric Environment</i> , <b>2005</b> , 39, 283-295	5:3	74
99	Intake fraction of nonreactive vehicle emissions in US urban areas. <i>Atmospheric Environment</i> , <b>2005</b> , 39, 1363-1371	5:3	76
98	Analyzing a database of residential air leakage in the United States. <i>Atmospheric Environment</i> , <b>2005</b> , 39, 3445-3455	5:3	126
97	Supermicron particle deposition from turbulent chamber flow onto smooth and rough vertical surfaces. <i>Atmospheric Environment</i> , <b>2005</b> , 39, 4893-4900	5:3	67
96	Particle Deposition in Ventilation Ducts: Connectors, Bends and Developing Turbulent Flow. <i>Aerosol Science and Technology</i> , <b>2005</b> , 39, 139-150	3:4	29
95	Experiments Measuring Particle Deposition from Fully Developed Turbulent Flow in Ventilation Ducts. <i>Aerosol Science and Technology</i> , <b>2004</b> , 38, 914-925	3:4	83
94	Indoor particle dynamics. <i>Indoor Air</i> , <b>2004</b> , 14 Suppl 7, 175-83	5:4	404



93	Inhalation of hazardous air pollutants from environmental tobacco smoke in US residences. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2004</b> , 14 Suppl 1, S71-7	6.7	94
92	Cleaning products and air fresheners: exposure to primary and secondary air pollutants. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 2841-2865	5.3	552
91	Intake fraction of primary pollutants: motor vehicle emissions in the South Coast Air Basin. <i>Atmospheric Environment</i> , <b>2003</b> , 37, 3455-3468	5.3	86
90	Gas-phase organics in environmental tobacco smoke: 2. Exposure-relevant emission factors and indirect exposures from habitual smoking. <i>Atmospheric Environment</i> , <b>2003</b> , 37, 5551-5561	5.3	92
89	Modeling particle loss in ventilation ducts. <i>Atmospheric Environment</i> , <b>2003</b> , 37, 5597-5609	5.3	50
88	Predicting particle deposition on HVAC heat exchangers. <i>Atmospheric Environment</i> , <b>2003</b> , 37, 5587-5596	5.3	63
87	Determining Size-Specific Emission Factors for Environmental Tobacco Smoke Particles. <i>Aerosol Science and Technology</i> , <b>2003</b> , 37, 780-790	3.4	92
86	Particle Penetration Through Building Cracks. <i>Aerosol Science and Technology</i> , <b>2003</b> , 37, 565-573	3.4	127
85	The rate of ozone uptake on carpet: mathematical modeling. <i>Atmospheric Environment</i> , <b>2002</b> , 36, 1749-1756	5.3	44
84	Effects of room furnishings and air speed on particle deposition rates indoors. <i>Atmospheric Environment</i> , <b>2002</b> , 36, 1811-1819	5.3	276
83	Ozone interactions with carpet: secondary emissions of aldehydes. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 2185-92	10.3	132
82	Indoor particulate matter of outdoor origin: importance of size-dependent removal mechanisms. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 200-7	10.3	290
81	Peer Reviewed: Defining Intake Fraction. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 206A-211A	10.3	213
80	Gas-phase organics in environmental tobacco smoke. 1. Effects of smoking rate, ventilation, and furnishing level on emission factors. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 846-53	10.3	111
79	Defining intake fraction. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 207A-211A	10.3	29
78	Environmental tobacco smoke particles in multizone indoor environments. <i>Atmospheric Environment</i> , <b>2001</b> , 35, 2053-2067	5.3	82
77	Modeling pollutant penetration across building envelopes. <i>Atmospheric Environment</i> , <b>2001</b> , 35, 4451-4462	5.3	184
76	Dynamic behavior of semivolatile organic compounds in indoor air. 2. Nicotine and phenanthrene with carpet and wallboard. <i>Environmental Science &amp; Technology</i> , <b>2001</b> , 35, 560-7	10.3	65

75	Inhalation transfer factors for air pollution health risk assessment. <i>Journal of the Air and Waste Management Association</i> , <b>2000</b> , 50, 1688-99	2.4	83
74	MODELING INDOOR PARTICLE DEPOSITION FROM TURBULENT FLOW ONTO SMOOTH SURFACES. <i>Journal of Aerosol Science</i> , <b>2000</b> , 31, 463-476	4.3	460
73	The Rate of Ozone Uptake on Carpets: Experimental Studies. <i>Environmental Science &amp; Technology</i> , <b>2000</b> , 34, 4963-4968	10.3	67
72	Effects of variable wind speed and direction on radon transport from soil into buildings: model development and exploratory results. <i>Atmospheric Environment</i> , <b>1999</b> , 33, 2157-2168	5.3	35
71	Radon entry into houses: the importance of scale-dependent permeability. <i>Health Physics</i> , <b>1999</b> , 77, 183-211	2.4	11
70	Framework for Evaluating Measures to Control Nosocomial Tuberculosis Transmission. <i>Indoor Air</i> , <b>1998</b> , 8, 205-218	5.4	39
69	Nicotine as a Marker for Environmental Tobacco Smoke: Implications of Sorption on Indoor Surface Materials. <i>Journal of the Air and Waste Management Association</i> , <b>1998</b> , 48, 959-968	2.4	25
68	Indoor air quality impacts of ventilation ducts: ozone removal and emissions of volatile organic compounds. <i>Journal of the Air and Waste Management Association</i> , <b>1998</b> , 48, 941-52	2.4	53
67	Reducing the risk of accidental death due to vehicle-related carbon monoxide poisoning. <i>Journal of the Air and Waste Management Association</i> , <b>1998</b> , 48, 899-906	2.4	5
66	Effect of Small-Scale Obstructions and Surface Textures on Particle Deposition from Natural Convection Flow. <i>Aerosol Science and Technology</i> , <b>1997</b> , 27, 709-725	3.4	20
65	Dynamic Behavior of Semivolatile Organic Compounds in Indoor Air. 1. Nicotine in a Stainless Steel Chamber. <i>Environmental Science &amp; Technology</i> , <b>1997</b> , 31, 2554-2561	10.3	48
64	Nonlinear Least-Squares Minimization Applied to Tracer Gas Decay for Determining Airflow Rates in a Two-Zone Building. <i>Indoor Air</i> , <b>1997</b> , 7, 64-75	5.4	25
63	Stationary and time-dependent indoor tracer-gas concentration profiles measured by OP-FTIR remote sensing and SBFM-computed tomography. <i>Atmospheric Environment</i> , <b>1997</b> , 31, 727-740	5.3	40
62	Transport and Sorption of Water Vapor in Activated Carbon. <i>Journal of Environmental Engineering, ASCE</i> , <b>1996</b> , 122, 176-182	2	9
61	Particle Deposition from Natural Convection Enclosure Flow Onto Smooth Surfaces. <i>Aerosol Science and Technology</i> , <b>1996</b> , 25, 359-374	3.4	43
60	Gas-Phase Transport and Sorption of Benzene in Soil. <i>Environmental Science &amp; Technology</i> , <b>1996</b> , 30, 2178-2186	10.3	17
59	Factors Affecting Indoor Air Concentrations of Volatile Organic Compounds at a Site of Subsurface Gasoline Contamination. <i>Environmental Science &amp; Technology</i> , <b>1996</b> , 30, 2948-2957	10.3	68
58	The effect of steady winds on radon-222 entry from soil into houses. <i>Atmospheric Environment</i> , <b>1996</b> , 30, 1167-1176	5.3	35

57	Novel approach for tomographic reconstruction of gas concentration distributions in air: Use of smooth basis functions and simulated annealing. <i>Atmospheric Environment</i> , <b>1996</b> , 30, 929-940	5:3	59
56	Scale Dependence of Soil Permeability to Air: Measurement Method and Field Investigation. <i>Water Resources Research</i> , <b>1996</b> , 32, 547-560	5:4	23
55	Effectiveness of in-room air filtration and dilution ventilation for tuberculosis infection control. <i>Journal of the Air and Waste Management Association</i> , <b>1996</b> , 46, 869-82	2:4	90
54	Transport and Sorption of Organic Gases in Activated Carbon. <i>Journal of Environmental Engineering, ASCE</i> , <b>1996</b> , 122, 169-175	2	17
53	Mixing of a Point-Source Indoor Pollutant by Forced Convection. <i>Indoor Air</i> , <b>1995</b> , 5, 204-214	5:4	46
52	Effectiveness of smokeless ashtrays. <i>Journal of the Air and Waste Management Association</i> , <b>1995</b> , 45, 494-500	2:4	1
51	Imaging indoor tracer-gas concentrations with computed tomography: experimental results with a remote sensing FTIR system. <i>AIHA Journal</i> , <b>1994</b> , 55, 395-402		40
50	Mixing of a Point Source Pollutant by Natural Convection Flow within a Room. <i>Indoor Air</i> , <b>1994</b> , 4, 114-123	3:4	66
49	On the measurement of <sup>218</sup> Po diffusivity using the two-filter method. <i>Journal of Aerosol Science</i> , <b>1994</b> , 25, 689-697	4:3	5
48	Deposition of Tobacco Smoke Particles in a Low Ventilation Room. <i>Aerosol Science and Technology</i> , <b>1994</b> , 20, 194-206	3:4	78
47	Particle Filter Based on Thermophoretic Deposition from Natural Convection Flow. <i>Aerosol Science and Technology</i> , <b>1994</b> , 20, 227-238	3:4	28
46	Transport and sorption of volatile organic compounds and water vapor within dry soil grains. <i>Environmental Science &amp; Technology</i> , <b>1994</b> , 28, 322-30	10:3	50
45	Predicting Regional Lung Deposition of Environmental Tobacco Smoke Particles. <i>Aerosol Science and Technology</i> , <b>1993</b> , 19, 243-254	3:4	29
44	Characteristics of airborne particles inside southern California museums. <i>Atmospheric Environment Part A General Topics</i> , <b>1993</b> , 27, 697-711		36
43	Removal of reactive gases at indoor surfaces: Combining mass transport and surface kinetics. <i>Atmospheric Environment Part A General Topics</i> , <b>1993</b> , 27, 2039-2050		112
42	Transport of subsurface contaminants into buildings. <i>Environmental Science &amp; Technology</i> , <b>1992</b> , 26, 2058-2066	10:3	94
41	Radon transport from soil to air. <i>Reviews of Geophysics</i> , <b>1992</b> , 30, 137	23:1	418
40	Numerical investigations of the deposition of unattached <sup>218</sup> Po and <sup>212</sup> Pb from natural convection enclosure flow. <i>Journal of Aerosol Science</i> , <b>1992</b> , 23, 339-352	4:3	8

39	Protecting museum collections from soiling due to the deposition of airborne particles. <i>Atmospheric Environment Part A General Topics</i> , <b>1991</b> , 25, 841-852		55
38	Protection of works of art from damage due to atmospheric ozone. <i>Atmospheric Environment Part A General Topics</i> , <b>1991</b> , 25, 441-451		17
37	Particle Deposition in Museums: Comparison of Modeling and Measurement Results. <i>Aerosol Science and Technology</i> , <b>1990</b> , 13, 332-348	3-4	59
36	Concentration and fate of airborne particles in museums. <i>Environmental Science &amp; Technology</i> , <b>1990</b> , 24, 66-77	10-3	54
35	Nitric acid concentrations in southern California museums. <i>Environmental Science &amp; Technology</i> , <b>1990</b> , 24, 1004-1013	10-3	23
34	Indoor radon: Exploring U.S. federal policy for controlling human exposures. <i>Environmental Science &amp; Technology</i> , <b>1990</b> , 24, 774-782	10-3	22
33	Release of Ethanol to the Atmosphere During Use of Consumer Cleaning Products. <i>Journal of the Air and Waste Management Association</i> , <b>1990</b> , 40, 1114-1120		17
32	Thermophoresis in boundary layer flows. <i>Journal of Aerosol Science</i> , <b>1990</b> , 21, 827-828	4-3	3
31	Mass-transport aspects of pollutant removal at indoor surfaces. <i>Environment International</i> , <b>1989</b> , 15, 567-584	12-9	77
30	Technique for measuring the indoor radon-222 source potential of soil. <i>Environmental Science &amp; Technology</i> , <b>1989</b> , 23, 451-458	10-3	20
29	Mathematical modeling of indoor aerosol dynamics. <i>Environmental Science &amp; Technology</i> , <b>1989</b> , 23, 157-166	10-3	147
28	Particle deposition from a natural convection flow onto a vertical isothermal flat plate. <i>Journal of Aerosol Science</i> , <b>1989</b> , 20, 138-139	4-3	2
27	Entry by Pressure-driven Flow or Molecular Diffusion? A Reassessment of 222Rn Concentrations Measured in an Energy-Efficient House*. <i>Health Physics</i> , <b>1988</b> , 55, 1005-1009	2-3	9
26	Investigations of Soil as a Source of Indoor Radon. <i>ACS Symposium Series</i> , <b>1987</b> , 10-29	0-4	19
25	Potable water as a source of airborne 222Rn in U.S. dwellings: a review and assessment. <i>Health Physics</i> , <b>1987</b> , 52, 281-95	2-3	53
24	Particle deposition from a natural convection flow onto a vertical isothermal flat plate. <i>Journal of Aerosol Science</i> , <b>1987</b> , 18, 445-455	4-3	62
23	Experiments on pollutant transport from soil into residential basements by pressure-driven airflow. <i>Environmental Science &amp; Technology</i> , <b>1987</b> , 21, 459-66	10-3	79
22	Distribution of airborne radon-222 concentrations in U.S. homes. <i>Science</i> , <b>1986</b> , 234, 992-7	33-3	202

21	Mathematical modeling of chemically reactive pollutants in indoor air. <i>Environmental Science &amp; Technology</i> , <b>1986</b> , 20, 924-34	10.3	182
20	Evaluation of indoor aerosol control devices and their effects on radon progeny concentrations. <i>Environment International</i> , <b>1986</b> , 12, 429-438	12.9	5
19	Radon entry into houses having a crawl space. <i>Health Physics</i> , <b>1985</b> , 48, 265-81	2.3	32
18	Control of respirable particles in indoor air with portable air cleaners. <i>Atmospheric Environment</i> , <b>1985</b> , 19, 1761-1771		97
17	Radon transport into a detached one-story house with a basement. <i>Atmospheric Environment</i> , <b>1985</b> , 19, 31-46		78
16	Characterizing the sources, range, and environmental influences of radon 222 and its decay products. <i>Science of the Total Environment</i> , <b>1985</b> , 45, 233-44	10.2	9
15	Optimizing the total-alpha three-count technique for measuring concentrations of radon progeny in residences. <i>Health Physics</i> , <b>1984</b> , 46, 395-405	2.3	19
14	Time-averaged indoor Rn concentrations and infiltration rates sampled in four U.S. cities. <i>Health Physics</i> , <b>1984</b> , 47, 579-86	2.3	10
13	Characterising the Source of Radon Indoors. <i>Radiation Protection Dosimetry</i> , <b>1984</b> , 7, 23-39	0.9	2
12	Radon daughter carousel: An automated instrument for measuring indoor concentrations of 218Po, 214Pb, and 214Bi. <i>Review of Scientific Instruments</i> , <b>1983</b> , 54, 1227-1233	1.7	6
11	Field data logger with EPROM storage. <i>Review of Scientific Instruments</i> , <b>1983</b> , 54, 1252-1253	1.7	2
10	Radon concentrations and infiltration rates measured in conventional and energy-efficient houses. <i>Health Physics</i> , <b>1983</b> , 45, 401-5	2.3	34
9	A rapid spectroscopic technique for determining the potential alpha-energy concentration of radon decay products. <i>Health Physics</i> , <b>1983</b> , 45, 509-23	2.3	3
8	Automated system for measuring air-exchange rate and radon concentration in houses. <i>Health Physics</i> , <b>1983</b> , 45, 525-37	2.3	5
7	The use of mechanical ventilation with heat recovery for controlling radon and radondaughter concentrations in houses. <i>Atmospheric Environment</i> , <b>1981</b> , 15, 263-270		14
6	Human disease from radon exposures: The impact of energy conservation in residential buildings. <i>Energy and Buildings</i> , <b>1979</b> , 2, 209-215	7	8
5	Environmental Tobacco Smoke Particles245-274		12
4	Particle deposition from turbulent flow: Review of published research and its applicability to ventilation ducts in commercial buildings		26

3	Particle Deposition in Ventilation Ducts: Connectors, Bends and Developing Turbulent Flow	8
2	Transmission of SARS-CoV-2 by inhalation of respiratory aerosol in the Skagit Valley Chorale superspreading event	23
1	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and their Application to COVID-19 Outbreaks	6