Charles J Weschler

List of Publications by Year
in descending order

171	18,600	11651 70	12597 132
papers	citations	h-index	g-index

175	175	175	9391
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Association between Asthma and Allergic Symptoms in Children and Phthalates in House Dust: A Nested Caseâ€“Control Study. Environmental Health Perspectives, 2004, 112, 1393-1397.	6.0	715
2	Semivolatile organic compounds in indoor environments. Atmospheric Environment, 2008, 42, 9018-9040.	4.1	661
3	Cleaning products and air fresheners: exposure to primary and secondary air pollutants. Atmospheric Environment, 2004, 38, 2841-2865.	4.1	655
4	Ozone in Indoor Environments: Concentration and Chemistry. Indoor Air, 2000, 10, 269-288.	4.3	593
5	Characterization of the dust/smoke aerosol that settled east of the World Trade Center (WTC) in lower Manhattan after the collapse of the WTC 11 September 2001.. Environmental Health Perspectives, 2002, 110, 703-714.	6.0	586
6	Ventilation rates and health: multidisciplinary review of the scientific literature. Indoor Air, 2011, 21, 191-204.	4.3	529
7	Changes in indoor pollutants since the 1950s. Atmospheric Environment, 2009, 43, 153-169.	4.1	501
8	Organic films on atmospheric aerosol particles, fog droplets, cloud droplets, raindrops, and snowflakes. Reviews of Geophysics, 1983, 21, 903-920.	23.0	393
9	Ozoneâ€™s Impact on Public Health: Contributions from Indoor Exposures to Ozone and Products of Ozone-Initiated Chemistry. Environmental Health Perspectives, 2006, 114, 1489-1496.	6.0	364
10	Chemistry within aqueous atmospheric aerosols and raindrops. Reviews of Geophysics, 1981, 19, 505-539.	23.0	362
11	Phthalates in Indoor Dust and Their Association with Building Characteristics. Environmental Health Perspectives, 2005, 113, 1399-1404.	6.0	350
12	Reactions of ozone with human skin lipids: Sources of carbonyls, dicarbonyls, and hydroxycarbonyls in indoor air. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6568-6575.	7.1	341
13	SVOC exposure indoors: fresh look at dermal pathways. Indoor Air, 2012, 22, 356-377.	4.3	331
14	SVOC partitioning between the gas phase and settled dust indoors. Atmospheric Environment, 2010, 44, 3609-3620.	4.1	298
15	Indoor ozone/terpene reactions as a source of indoor particles. Atmospheric Environment, 1999, 33, 2301-2312.	4.1	269
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	Childrenâ€™s Phthalate Intakes and Resultant Cumulative Exposures Estimated from Urine Compared with Estimates from Dust Ingestion, Inhalation and Dermal Absorption in Their Homes and Daycare Centers. PLoS ONE, 2013, 8, e62442.	2.5	244
18	Ozone and limonene in indoor air: a source of submicron particle exposure.. Environmental Health Perspectives, 2000, 108, 1139-1145.	6.0	228

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19	Kinetic model studies of atmospheric droplet chemistry: 2. Homogeneous transition metal chemistry in raindrops. Journal of Geophysical Research, 1986, 91, 5205-5221.	3.3	223
20	Potential reactions among indoor pollutants. Atmospheric Environment, 1997, 31, 3487-3495.	4.1	221
21	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
22	Indoor chemistry: ozone, volatile organic compounds, and carpets. Environmental Science & Technology, 1992, 26, 2371-2377.	10.0	212
23	Partitioning of phthalates among the gas phase, airborne particles and settled dust in indoor environments. Atmospheric Environment, 2008, 42, 1449-1460.	4.1	212
24	Indoor Chemistry. Environmental Science & Technology, 2018, 52, 2419-2428.	10.0	197
25	Rapid Methods to Estimate Potential Exposure to Semivolatile Organic Compounds in the Indoor Environment. Environmental Science & Technology, 2012, 46, 11171-11178.	10.0	184
26	Association of Ozone Exposure With Cardiorespiratory Pathophysiologic Mechanisms in Healthy Adults. JAMA Internal Medicine, 2017, 177, 1344.	5.1	183
27	Production of the Hydroxyl Radical in Indoor Air. Environmental Science & Technology, 1996, 30, 3250-3258.	10.0	181
28	Phthalate and PAH concentrations in dust collected from Danish homes and daycare centers. Atmospheric Environment, 2010, 44, 2294-2301.	4.1	165
29	Roles of the human occupant in indoor chemistry. Indoor Air, 2016, 26, 6-24.	4.3	165
30	Ozone-Initiated Reactions with Mixtures of Volatile Organic Compounds under Simulated Indoor Conditions. Environmental Science & Technology, 2003, 37, 1811-1821.	10.0	162
31	Chemistry in indoor environments: 20â€ƒyears of research. Indoor Air, 2011, 21, 205-218.	4.3	161
32	Dermal Uptake of Organic Vapors Commonly Found in Indoor Air. Environmental Science & Technology, 2014, 48, 1230-1237.	10.0	161
33	Transdermal Uptake of Diethyl Phthalate and Di(<i>n</i> -butyl) Phthalate Directly from Air: Experimental Verification. Environmental Health Perspectives, 2015, 123, 928-934.	6.0	158
34	Ozone-Initiated Chemistry in an Occupied Simulated Aircraft Cabin. Environmental Science & Technology, 2007, 41, 6177-6184.	10.0	156
35	Effects of pollution from personal computers on perceived air quality, SBS symptoms and productivity in offices. Indoor Air, 2004, 14, 178-187.	4.3	153
36	Assessing Human Exposure to Organic Pollutants in the Indoor Environment. Angewandte Chemie - International Edition, 2018, 57, 12228-12263.	13.8	149

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37	Speciation, photosensitivity, and reactions of transition metal ions in atmospheric droplets. Journal of Geophysical Research, 1986, 91, 5189-5204.	3.3	146
38	Products of Ozone-Initiated Chemistry in a Simulated Aircraft Environment. Environmental Science & Technology, 2005, 39, 4823-4832.	10.0	143
39	Growth of organic films on indoor surfaces. Indoor Air, 2017, 27, 1101-1112.	4.3	139
40	Hydroxyl radicals in indoor environments. Atmospheric Environment, 2002, 36, 3973-3988.	4.1	138
41	Chemical reactions among indoor pollutants: what we've learned in the new millennium. Indoor Air, 2004, 14, 184-194.	4.3	134
42	Analysis of the Dynamic Interaction Between SVOCs and Airborne Particles. Aerosol Science and Technology, 2013, 47, 125-136.	3.1	134
43	The dioxygen adduct of meso-tetraphenylporphyrinmanganese(II), a synthetic oxygen carrier. Journal of the American Chemical Society, 1976, 98, 5473-5482.	13.7	123
44	Indoor Chemistry Involving O3, NO, and NO2 as Evidenced by 14 Months of Measurements at a Site in Southern California. Environmental Science & Technology, 1994, 28, 2120-2132.	10.0	123
45	The Influence of Ventilation on Reactions Among Indoor Pollutants: Modeling and Experimental Observations. Indoor Air, 2000, 10, 92-100.	4.3	123
46	Phthalate metabolites in urine samples from Danish children and correlations with phthalates in dust samples from their homes and daycare centers. International Journal of Hygiene and Environmental Health, 2014, 217, 78-87.	4.3	119
47	Assessing the Influence of Indoor Exposure to â€œOutdoor Ozoneâ€• on the Relationship between Ozone and Short-term Mortality in U.S. Communities. Environmental Health Perspectives, 2012, 120, 235-240.	6.0	118
48	Indoor Fine Particles: The Role of Terpene Emissions from Consumer Products. Journal of the Air and Waste Management Association, 2004, 54, 367-377.	1.9	115
49	Indoor Exposure to â€œOutdoor PM10â€• Epidemiology, 2012, 23, 870-878.	2.7	114
50	Reducing Health Risks from Indoor Exposures in Rapidly Developing Urban China. Environmental Health Perspectives, 2013, 121, 751-755.	6.0	113
51	Role of clothing in both accelerating and impeding dermal absorption of airborne SVOCs. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 113-118.	3.9	113
52	Measurements of the Hydroxyl Radical in a Manipulated but Realistic Indoor Environment. Environmental Science & Technology, 1997, 31, 3719-3722.	10.0	111
53	Nitrous acid, nitrogen dioxide, and ozone concentrations in residential environments.. Environmental Health Perspectives, 2002, 110, 145-150.	6.0	109
54	Generation and Quantification of Ultrafine Particles through Terpene/Ozone Reaction in a Chamber Setting. Aerosol Science and Technology, 2003, 37, 65-78.	3.1	108

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55	Fungal and bacterial growth in floor dust at elevated relative humidity levels. Indoor Air, 2017, 27, 354-363.	4.3	108
56	Influence of transition metal complexes on atmospheric droplet acidity. Nature, 1985, 317, 240-242.	27.8	107
57	Comparisons among VOCs Measured in Three Types of U.S. Commercial Buildings with Different Occupant Densities. Indoor Air, 1996, 6, 2-17.	4.3	104
58	The significance of secondary organic aerosol formation and growth in buildings: experimental and computational evidence. Atmospheric Environment, 2003, 37, 1365-1381.	4.1	103
59	Measurement of Phthalates in Skin Wipes: Estimating Exposure from Dermal Absorption. Environmental Science & Technology, 2014, 48, 7428-7435.	10.0	102
60	Phthalate exposure through different pathways and allergic sensitization in preschool children with asthma, allergic rhinoconjunctivitis and atopic dermatitis. Environmental Research, 2015, 137, 432-439.	7.5	96
61	Indoor ozone and nitrogen dioxide: a potential pathway to the generation of nitrate radicals, dinitrogen pentoxide, and nitric acid indoors. Environmental Science & Technology, 1992, 26, 179-184.	10.0	92
62	Factors affecting ozone removal rates in a simulated aircraft cabin environment. Atmospheric Environment, 2006, 40, 6122-6133.	4.1	92
63	Reducing Indoor Levels of â€œOutdoor PM_{2.5}â€•in Urban China: Impact on Mortalities. Environmental Science & Technology, 2019, 53, 3119-3127.	10.0	88
64	Impact of Clothing on Dermal Exposure to Phthalates: Observations and Insights from Sampling Both Skin and Clothing. Environmental Science & Technology, 2016, 50, 4350-4357.	10.0	86
65	Clothing-Mediated Exposures to Chemicals and Particles. Environmental Science & Technology, 2019, 53, 5559-5575.	10.0	81
66	Cardiopulmonary effects of overnight indoor air filtration in healthy non-smoking adults: A double-blind randomized crossover study. Environment International, 2018, 114, 27-36.	10.0	80
67	Synthetic oxygen carrier. Dioxygen adduct of a manganese porphyrin. Journal of the American Chemical Society, 1975, 97, 5278-5280.	13.7	78
68	New Directions: Ozone-initiated reaction products indoors may be more harmful than ozone itself. Atmospheric Environment, 2004, 38, 5715-5716.	4.1	76
69	The Essential Role for Laboratory Studies in Atmospheric Chemistry. Environmental Science & Technology, 2017, 51, 2519-2528.	10.0	75
70	Impact of Human Presence on Secondary Organic Aerosols Derived from Ozone-Initiated Chemistry in a Simulated Office Environment. Environmental Science & Technology, 2013, 47, 3933-3941.	10.0	73
71	Effects of Surface Type and Relative Humidity on the Production and Concentration of Nitrous Acid in a Model Indoor Environment. Environmental Science & Technology, 2001, 35, 2200-2206.	10.0	72
72	Predicting dermal absorption of gas-phase chemicals: transient model development, evaluation, and application. Indoor Air, 2014, 24, 292-306.	4.3	71

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73	Indoor inhalation intake fractions of fine particulate matter: review of influencing factors. Indoor Air, 2016, 26, 836-856.	4.3	71
74	Is the use of particle air filtration justified? Costs and benefits of filtration with regard to health effects, building cleaning and occupant productivity. Building and Environment, 2008, 43, 1647-1657.	6.9	70
75	Indoor Ozone Exposures. Japca, 1989, 39, 1562-1568.	0.3	69
76	Human Ammonia Emission Rates under Various Indoor Environmental Conditions. Environmental Science & Technology, 2020, 54, 5419-5428.	10.0	69
77	Indoor-outdoor relationships for nonpolar organic constituents or aerosol particles. Environmental Science & Technology, 1984, 18, 648-652.	10.0	68
78	Determination of Ozone Removal Rates by Selected Building Products Using the FLEC Emission Cell. Environmental Science & Technology, 2001, 35, 2548-2553.	10.0	67
79	Indoor acids and bases. Indoor Air, 2020, 30, 559-644.	4.3	67
80	Health effects of fine particulate matter in life cycle impact assessment: findings from the Basel Guidance Workshop. International Journal of Life Cycle Assessment, 2015, 20, 276-288.	4.7	65
81	<i>C</i>_m-History Method, a Novel Approach to Simultaneously Measure Source and Sink Parameters Important for Estimating Indoor Exposures to Phthalates. Environmental Science & Technology, 2016, 50, 825-834.	10.0	64
82	Critique of the Use of Deposition Velocity in Modeling Indoor Air Quality. , 1993, , 81-104.		64
83	Experiments probing the influence of air exchange rates on secondary organic aerosols derived from indoor chemistry. Atmospheric Environment, 2003, 37, 5621-5631.	4.1	63
84	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
85	Indoor/outdoor connections exemplified by processes that depend on an organic compound's saturation vapor pressure. Atmospheric Environment, 2003, 37, 5455-5465.	4.1	62
86	Co-formation of hydroperoxides and ultra-fine particles during the reactions of ozone with a complex VOC mixture under simulated indoor conditions. Atmospheric Environment, 2005, 39, 5171-5182.	4.1	61
87	Organophosphate esters in dust samples collected from Danish homes and daycare centers. Chemosphere, 2016, 154, 559-566.	8.2	61
88	Characterizing Aggregated Exposure to Primary Particulate Matter: Recommended Intake Fractions for Indoor and Outdoor Sources. Environmental Science & Technology, 2017, 51, 9089-9100.	10.0	61
89	Indoor ozone: Concentrations and influencing factors. Indoor Air, 2022, 32, .	4.3	61
90	Pyrolysis gas chromatographic-mass spectrometric identification of poly(dimethylsiloxane)s. Analytical Chemistry, 1980, 52, 1245-1248.	6.5	60

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91	Ultrafine particles from electric appliances and cooking pans: experiments suggesting desorption/nucleation of sorbed organics as the primary source. Indoor Air, 2015, 25, 536-546.	4.3	59
92	Kinetics and thermodynamics of oxygen and carbon monoxide binding to simple ferrous porphyrins at low temperatures. Journal of the American Chemical Society, 1975, 97, 6707-6713.	13.7	58
93	Ozone and Ozone Byproducts in the Cabins of Commercial Aircraft. Environmental Science & Technology, 2013, 47, 4711-4717.	10.0	58
94	Indoor Hydrogen Peroxide Derived from Ozone/d-Limonene Reactions. Environmental Science & Technology, 2002, 36, 3295-3302.	10.0	57
95	Dermal uptake directly from air under transient conditions: advances in modeling and comparisons with experimental resultsÂfor human subjects. Indoor Air, 2016, 26, 913-924.	4.3	57
96	Combined use of an electrostatic precipitator and a high-efficiency particulate air filter in building ventilation systems: Effects on cardiorespiratory health indicators in healthy adults. Indoor Air, 2018, 28, 360-372.	4.3	57
97	Ozone reactions with indoor materials during building disinfection. Atmospheric Environment, 2007, 41, 3166-3176.	4.1	56
98	Desorption of SVOCs from Heated Surfaces in the Form of Ultrafine Particles. Environmental Science & Technology, 2017, 51, 1140-1146.	10.0	56
99	Dermal uptake of phthalates from clothing: Comparison of model to human participant results. Indoor Air, 2017, 27, 642-649.	4.3	56
100	Reversible reaction of simple ferrous porphyrins with molecular oxygen at low temperatures. Journal of the American Chemical Society, 1974, 96, 5599-5600.	13.7	54
101	Squalene and Cholesterol in Dust from Danish Homes and Daycare Centers. Environmental Science & Technology, 2011, 45, 3872-3879.	10.0	54
102	Assessing Human Exposure to SVOCs in Materials, Products, and Articles: A Modular Mechanistic Framework. Environmental Science & Technology, 2021, 55, 25-43.	10.0	54
103	The Oxidative Capacity of Indoor Atmospheres. Environmental Science & Technology, 2013, 47, 13905-13906.	10.0	53
104	Phthalate metabolites in urine samples from Beijing children and correlations with phthalate levels in their handwipes. Indoor Air, 2015, 25, 572-581.	4.3	53
105	Modeling-gas phase reactions in indoor environments using computational fluid dynamics. Atmospheric Environment, 2002, 36, 9-18.	4.1	51
106	Dermal uptake of nicotine from air and clothing: Experimental verification. Indoor Air, 2018, 28, 247-257.	4.3	51
107	The Indoor Chemical Human Emissions and Reactivity (ICHEAR) project: Overview of experimental methodology and preliminary results. Indoor Air, 2020, 30, 1213-1228.	4.3	51
108	Initial studies of oxidation processes on filter surfaces and their impact on perceived air quality. Indoor Air, 2006, 16, 56-64.	4.3	48

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109	Phthalate metabolites in urine and asthma, allergic rhinoconjunctivitis and atopic dermatitis in preschool children. International Journal of Hygiene and Environmental Health, 2014, 217, 645-652.	4.3	48
110	How Do Indoor Environments Affect Air Pollution Exposure?. Environmental Science & Technology, 2021, 55, 100-108.	10.0	48
111	Influence of ozone-limonene reactions on perceived air quality. Indoor Air, 2006, 16, 168-178.	4.3	47
112	Identification of selected organics in the Arctic aerosol. Atmospheric Environment, 1981, 15, 1365-1369.	1.0	44
113	Associations between selected allergens, phthalates, nicotine, polycyclic aromatic hydrocarbons, and bedroom ventilation and clinically confirmed asthma, rhinoconjunctivitis, and atopic dermatitis in preschool children. Indoor Air, 2014, 24, 136-147.	4.3	44
114	Indoor Chemistry:Â Ozone and Volatile Organic Compounds Found in Tobacco Smoke. Environmental Science & Technology, 2001, 35, 2758-2764.	10.0	43
115	Reactions among Indoor Pollutants. Scientific World Journal, The, 2001, 1, 443-457.	2.1	43
116	Secondary organic aerosols from ozone-initiated reactions with emissions from wood-based materials and a â€œgreenâ€• paint. Atmospheric Environment, 2008, 42, 7632-7640.	4.1	43
117	Measurements of dermal uptake of nicotine directly from air and clothing. Indoor Air, 2017, 27, 427-433.	4.3	43
118	Characterization of selected organics in size-fractionated indoor aerosols. Environmental Science & Technology, 1980, 14, 428-431.	10.0	42
119	Ultrafine Particles: Exposure and Source Apportionment in 56 Danish Homes. Environmental Science & Technology, 2013, 47, 130904150722005.	10.0	42
120	Ozone, Electrostatic Precipitators, and Particle Number Concentrations: Correlations Observed in a Real Office during Working Hours. Environmental Science & Technology, 2016, 50, 10236-10244.	10.0	42
121	Formation and emissions of carbonyls during and following gas-phase ozonation of indoor materials. Atmospheric Environment, 2007, 41, 7614-7626.	4.1	40
122	The impact of mass transfer limitations on size distributions of particle associated SVOCs in outdoor and indoor environments. Science of the Total Environment, 2014, 497-498, 401-411.	8.0	40
123	Indoor ozone/human chemistry and ventilation strategies. Indoor Air, 2019, 29, 913-925.	4.3	39
124	Synthesis, characterization, and aquation kinetics of thiolatobis(ethylenediamine)chromium(III) complexes. Inorganic Chemistry, 1973, 12, 2682-2690.	4.0	38
125	The influence of ozone on self-evaluation of symptoms in a simulated aircraft cabin. Journal of Exposure Science and Environmental Epidemiology, 2008, 18, 272-281.	3.9	37
126	Dermal Uptake of Benzophenone-3 from Clothing. Environmental Science & Technology, 2017, 51, 11371-11379.	10.0	37

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127	Impact of Cabin Ozone Concentrations on Passenger Reported Symptoms in Commercial Aircraft. PLoS ONE, 2015, 10, e0128454.	2.5	36
128	Nasal Effects of a Mixture of Volatile Organic Compounds and Their Ozone Oxidation Products. Journal of Occupational and Environmental Medicine, 2005, 47, 1182-1189.	1.7	35
129	Degradation of phthalate esters in floor dust at elevated relative humidity. Environmental Sciences: Processes and Impacts, 2019, 21, 1268-1279.	3.5	35
130	Further studies of oxidation processes on filter surfaces: Evidence for oxidation products and the influence of time in service. Atmospheric Environment, 2007, 41, 5202-5212.	4.1	32
131	The impact of building recirculation rates on secondary organic aerosols generated by indoor chemistry. Atmospheric Environment, 2007, 41, 5213-5223.	4.1	31
132	Analysis of Ambient Concentrations of Organic Vapors with a Passive Sampler. Japca, 1987, 37, 1039-1045.	0.3	30
133	The impact of recirculation, ventilation and filters on secondary organic aerosols generated by indoor chemistry. Atmospheric Environment, 2009, 43, 3538-3547.	4.1	30
134	Exposure to SVOCs from Inhaled Particles: Impact of Desorption. Environmental Science & Technology, 2017, 51, 6220-6228.	10.0	28
135	Total OH Reactivity of Emissions from Humans: In Situ Measurement and Budget Analysis. Environmental Science & Technology, 2021, 55, 149-159.	10.0	28
136	Reflections on the state of research: indoor environmental quality. Indoor Air, 2011, 21, 219-230.	4.3	27
137	Breathing-rate adjusted population exposure to ozone and its oxidation products in 333 cities in China. Environment International, 2020, 138, 105617.	10.0	27
138	Volatile Organic Compounds Measured at a Telephone Switching Center From 5/30/85-12/6/88: A Detailed Case Study. Journal of the Air and Waste Management Association, 1992, 42, 792-804.	0.1	26
139	Sensory pollution from bag-type fiberglass ventilation filters: Conventional filter compared with filters containing various amounts of activated carbon. Building and Environment, 2009, 44, 2114-2120.	6.9	26
140	Sensory pollution from bag filters, carbon filters and combinations. Indoor Air, 2008, 18, 27-36.	4.3	25
141	Latex paint as a delivery vehicle for diethylphthalate and di-n-butylphthalate: Predictable boundary layer concentrations and emission rates. Science of the Total Environment, 2014, 494-495, 299-305.	8.0	25
142	Deposition of Airborne Sulfate, Nitrate, and Chloride Salts as It Relates to Corrosion of Electronics. Journal of the Electrochemical Society, 1990, 137, 1200-1206.	2.9	23
143	The impact of sorption on perceived indoor air quality. Indoor Air, 2006, 16, 98-110.	4.3	23
144	The Effect of Building Fan Operation on Indoor-Outdoor Dust Relationships. Journal of the Air Pollution Control Association, 1983, 33, 624-629.	0.5	21

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145	Intake to Production Ratio: A Measure of Exposure Intimacy for Manufactured Chemicals. Environmental Health Perspectives, 2012, 120, 1678-1683.	6.0	21
146	Thiolato sulfur as an electron-transfer bridge. Chromium(II)-catalyzed aquation of thiolatobis(ethylenediamine)chromium(III) complexes in aqueous perchloric acid media. Inorganic Chemistry, 1976, 15, 139-145.	4.0	19
147	Ozone in urban China: Impact on mortalities and approaches for establishing indoor guideline concentrations. Indoor Air, 2019, 29, 604-615.	4.3	19
148	Characterization of organic species associated with indoor aerosol particles. Environment International, 1986, 12, 93-97.	10.0	17
149	Polydimethylsiloxanes associated with indoor and outdoor airborne particles. Science of the Total Environment, 1988, 73, 53-63.	8.0	17
150	Predictions of Benefits and Costs Derived from Improving Indoor Air Quality in Telephone Switching Offices. Indoor Air, 1991, 1, 65-78.	4.3	17
151	Structural characterization and resulting implications for the mechanism of formation of bis(2-mercaptoethylamine)ethylenediaminechromium(III) perchlorate, [(en)Cr(SCH2CH2NH2)2]ClO4. Inorganic Chemistry, 1976, 15, 1183-1186.	4.0	16
152	Human symptom responses to bioeffluents, short-chain carbonyls/acids, and long-chain carbonyls in a simulated aircraft cabin environment. Indoor Air, 2017, 27, 1154-1167.	4.3	15
153	Linking a dermal permeation and an inhalation model to a simple pharmacokinetic model to study airborne exposure to di(n-butyl) phthalate. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 601-609.	3.9	15
154	Ozone Initiates Human-Derived Emission of Nanocluster Aerosols. Environmental Science & Technology, 2021, 55, 14536-14545.	10.0	15
155	Oxidation of free and coordinated thiols by neptunium(VI). Inorganic Chemistry, 1974, 13, 2360-2366.	4.0	13
156	Oxidation of coordinated thiol at carbon rather than sulfur. Possible reaction pattern for the action of aldehyde dehydrogenase. Journal of the American Chemical Society, 1973, 95, 2720-2722.	13.7	11
157	Water-soluble components of size-fractionated aerosols collected after hours in a modern office building. Environmental Science & Technology, 1980, 14, 594-597.	10.0	11
158	How should we define an indoor surface?. Indoor Air, 2022, 32, e12955.	4.3	11
159	Erfassung der Humanexposition mit organischen Verbindungen in Innenraumumgebungen. Angewandte Chemie, 2018, 130, 12406-12443.	2.0	10
160	Understanding and Reducing the Indoor Concentration of Submicron Particles at a Commercial Building in Southern California. Journal of the Air and Waste Management Association, 1996, 46, 291-299.	1.9	10
161	Characterization techniques applied to indoor dust. Environmental Science & Technology, 1978, 12, 923-926.	10.0	9
162	Effect of Ozone, Clothing, Temperature, and Humidity on the Total OH Reactivity Emitted from Humans. Environmental Science & Technology, 2021, 55, 13614-13624.	10.0	9

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163	Potential Selection Biases. Environmental Health Perspectives, 2005, 113, A152-A153.	6.0	9
164	Predicting Transdermal Uptake of Phthalates and a Paraben from Cosmetic Cream Using the Measured Fugacity. Environmental Science & Technology, 2020, 54, 7471-7484.	10.0	8
165	Kinetics of the dissociation of iron(II) porphyrin oxygen adducts. Axial base effects. Journal of the Chemical Society Chemical Communications, 1974, , 757.	2.0	6
166	Indoor Chemistry as a Source of Particles. , 0, , 167-189.		6
167	Age modification of ozone associations with cardiovascular disease risk in adults: a potential role for soluble P-selectin and blood pressure. Journal of Thoracic Disease, 2018, 10, 4643-4652.	1.4	5
168	Effects of tightening standards for indoor ozone levels on associated mortalities in urban China: a population-based modelling study. Lancet, The, 2018, 392, S31.	13.7	5
169	Potential Selection Biases. Environmental Health Perspectives, 2005, 113, A152-3.	6.0	3
170	Chemical and physical factors that influence pollutant dynamics in indoor atmospheric environments. Atmospheric Environment, 2007, 41, 3109-3110.	4.1	3
171	Sulfur dioxide content of Mount St. Helens' ash. Journal of Geophysical Research, 1984, 89, 4891-4894.	3.3	2