

# Yinping Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

267  
papers

11,685  
citations

62  
h-index

95  
g-index

281  
ext. papers

13,504  
ext. citations

7.4  
avg, IF

6.65  
L-index

#	Paper	IF	Citations
267	Utilizing electrostatic effect in fibrous filters for efficient airborne particles removal: Principles, fabrication, and material properties. <i>Applied Materials Today</i> , <b>2022</b> , 26, 101369	6.6	4
266	Predicting VOC and SVOC Concentrations in Complex Indoor Environments <b>2022</b> , 1-37		
265	Optimization of energy efficiency and COVID-19 pandemic control in different indoor environments.. <i>Energy and Buildings</i> , <b>2022</b> , 111954	7	2
264	A multi-zone spatial flow impact factor model for evaluating and layout optimization of infection risk in a Fangcang shelter hospital. <i>Building and Environment</i> , <b>2022</b> , 214, 108931	6.5	1
263	Testing and Reducing VOC Emissions from Building Materials and Furniture to Improve Indoor Air Quality&gt; <b>2022</b> , 1-46		
262	Non-targeted screening of volatile organic compounds in a museum in China Using GC-Orbitrap mass spectrometry.. <i>Science of the Total Environment</i> , <b>2022</b> , 155277	10.2	0
261	Indoor exposure to phthalates and its burden of disease in China.. <i>Indoor Air</i> , <b>2022</b> , 32, e13030	5.4	1
260	Maternal exposure to PM2.5/BC during pregnancy predisposes children to allergic rhinitis which varies by regions and exclusive breastfeeding. <i>Environment International</i> , <b>2022</b> , 165, 107315	12.9	0
259	Health effects of exposure to indoor volatile organic compounds from 1980 to 2017: A systematic review and meta-analysis. <i>Indoor Air</i> , <b>2022</b> , 32,	5.4	2
258	Source/Sink Characteristics of VVOCs and VOCs <b>2022</b> , 1-48		
257	Disease Burden of Indoor Air Pollution <b>2022</b> , 1-44		2
256	New approach to determine the optimal control of fresh air systems in urban China residences. <i>Building and Environment</i> , <b>2021</b> , 108538	6.5	2
255	Oral cavity response to air pollutant exposure and association with pulmonary inflammation and symptoms in asthmatic children. <i>Environmental Research</i> , <b>2021</b> , 112275	7.9	
254	Assessing and controlling infection risk with Wells-Riley model and spatial flow impact factor (SFIF). <i>Sustainable Cities and Society</i> , <b>2021</b> , 67, 102719	10.1	35
253	Role of endogenous melatonin in pathophysiologic and oxidative stress responses to personal air pollutant exposures in asthmatic children. <i>Science of the Total Environment</i> , <b>2021</b> , 773, 145709	10.2	5
252	Indoor exposure levels of ammonia in residences, schools, and offices in China from 1980 to 2019: A systematic review. <i>Indoor Air</i> , <b>2021</b> , 31, 1691-1706	5.4	7
251	Ultralow Resistance Two-Stage Electrostatically Assisted Air Filtration by Polydopamine Coated PET Coarse Filter. <i>Small</i> , <b>2021</b> , 17, e2102051	11	12

250	Negative ions offset cardiorespiratory benefits of PM reduction from residential use of negative ion air purifiers. <i>Indoor Air</i> , <b>2021</b> , 31, 220-228	5.4	22
249	Real-time measurements of PM and ozone to assess the effectiveness of residential indoor air filtration in Shanghai homes. <i>Indoor Air</i> , <b>2021</b> , 31, 74-87	5.4	15
248	Asthma and allergic rhinitis among young parents in China in relation to outdoor air pollution, climate and home environment. <i>Science of the Total Environment</i> , <b>2021</b> , 751, 141734	10.2	22
247	Ambient PM and its chemical constituents on lifetime-ever pneumonia in Chinese children: A multi-center study. <i>Environment International</i> , <b>2021</b> , 146, 106176	12.9	17
246	Onset and remission of eczema at pre-school age in relation to prenatal and postnatal air pollution and home environment across China. <i>Science of the Total Environment</i> , <b>2021</b> , 755, 142467	10.2	5
245	Assessing Human Exposure to SVOCs in Materials, Products, and Articles: A Modular Mechanistic Framework. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 25-43	10.3	29
244	Role of Clothing in Skin Exposure to Di(n-butyl) Phthalate and Tris(1-chloro-2-propyl) Phosphate: Experimental Observations via Skin Wipes. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 270-275	11	6
243	Impacts of implementing Healthy Building guidelines for daily PM limit on premature deaths and economic losses in urban China: A population-based modeling study. <i>Environment International</i> , <b>2021</b> , 147, 106342	12.9	9
242	Personal Exposure to PM Oxidative Potential in Association with Pulmonary Pathophysiologic Outcomes in Children with Asthma. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 3101-3111	10.3	9
241	Nitrated Polycyclic Aromatic Hydrocarbons and Arachidonic Acid Metabolisms Relevant to Cardiovascular Pathophysiology: Findings from a Panel Study in Healthy Adults. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 3867-3875	10.3	9
240	The associations of nitrated polycyclic aromatic hydrocarbon exposures with plasma glucose and amino acids. <i>Environmental Pollution</i> , <b>2021</b> , 289, 117945	9.3	1
239	Indoor air quality in schools in Beijing: Field tests, problems and recommendations. <i>Building and Environment</i> , <b>2021</b> , 205, 108179	6.5	10
238	Associations between time-weighted personal air pollution exposure and amino acid metabolism in healthy adults. <i>Environment International</i> , <b>2021</b> , 156, 106623	12.9	5
237	Analysis on the microstructure of sands. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 446, 022049	0.3	
236	Electrostatic Air Filtration by Multifunctional Dielectric Heterocaking Filters with Ultralow Pressure Drop. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 29383-29392	9.5	8
235	Deposition of droplets from the trachea or bronchus in the respiratory tract during exhalation: A steady-state numerical investigation. <i>Aerosol Science and Technology</i> , <b>2020</b> , 54, 869-879	3.4	11
234	Associations of personal exposure to air pollutants with airway mechanics in children with asthma. <i>Environment International</i> , <b>2020</b> , 138, 105647	12.9	20
233	Effects of parental smoking and indoor tobacco smoke exposure on respiratory outcomes in children. <i>Scientific Reports</i> , <b>2020</b> , 10, 4311	4.9	11

232	Understanding the role of bacterial cellular adsorption, accumulation and bioavailability regulation by biosurfactant in affecting biodegradation efficacy of polybrominated diphenyl ethers. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 393, 122382	12.8	10
231	Association Between Bedroom Particulate Matter Filtration and Changes in Airway Pathophysiology in Children With Asthma. <i>JAMA Pediatrics</i> , <b>2020</b> , 174, 533-542	8.3	30
230	Inflammatory and oxidative stress responses of healthy adults to changes in personal air pollutant exposure. <i>Environmental Pollution</i> , <b>2020</b> , 263, 114503	9.3	15
229	Inverse Problem Method to Optimize Cascade Heat Exchange Network in Central Heating System. <i>International Journal of Energy Optimization and Engineering</i> , <b>2020</b> , 9, 62-82	0.9	0
228	Using Low-cost sensors to Quantify the Effects of Air Filtration on Indoor and Personal Exposure Relevant PM <sub>2.5</sub> Concentrations in Beijing, China. <i>Aerosol and Air Quality Research</i> , <b>2020</b> , 20, 297-313	4.6	28
227	Research on the climate response of variable thermo-physical property building envelopes: A literature review. <i>Energy and Buildings</i> , <b>2020</b> , 226, 110398	7	12
226	Home environmental and lifestyle factors associated with asthma, rhinitis and wheeze in children in Beijing, China. <i>Environmental Pollution</i> , <b>2020</b> , 256, 113426	9.3	19
225	Birth month is associated with learning capacity in childhood in Northeast China. <i>Indoor Air</i> , <b>2020</b> , 30, 31-39	5.4	2
224	Using low-cost sensors to monitor indoor, outdoor, and personal ozone concentrations in Beijing, China. <i>Environmental Sciences: Processes and Impacts</i> , <b>2020</b> , 22, 131-143	4.3	13
223	The impact of household air cleaners on the oxidative potential of PM and the role of metals and sources associated with indoor and outdoor exposure. <i>Environmental Research</i> , <b>2020</b> , 181, 108919	7.9	23
222	Associations of ozone exposure with urinary metabolites of arachidonic acid. <i>Environment International</i> , <b>2020</b> , 145, 106154	12.9	9
221	Furry pet-related wheeze and rhinitis in pre-school children across China: Associations with early life dampness and mould, furry pet keeping, outdoor temperature, PM and PM. <i>Environment International</i> , <b>2020</b> , 144, 106033	12.9	7
220	Endogenous melatonin mediation of systemic inflammatory responses to ozone exposure in healthy adults. <i>Science of the Total Environment</i> , <b>2020</b> , 749, 141301	10.2	9
219	Common cold among young adults in China without a history of asthma or allergic rhinitis - associations with warmer climate zone, dampness and mould at home, and outdoor PM and PM. <i>Science of the Total Environment</i> , <b>2020</b> , 749, 141580	10.2	5
218	Indoor exposure levels of bacteria and fungi in residences, schools, and offices in China: A systematic review. <i>Indoor Air</i> , <b>2020</b> , 30, 1147-1165	5.4	21
217	Children's microenvironmental exposure to PM and ozone and the impact of indoor air filtration. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2020</b> , 30, 971-980	6.7	8
216	Malondialdehyde in Nasal Fluid: A Biomarker for Monitoring Asthma Control in Relation to Air Pollution Exposure. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11405-11413	10.3	11
215	Non-dietary exposure to phthalates for pre-school children in kindergarten in Beijing, China. <i>Building and Environment</i> , <b>2020</b> , 167, 106438	6.5	15

214	Effects of personal air pollutant exposure on oxidative stress: Potential confounding by natural variation in melatonin levels. <i>International Journal of Hygiene and Environmental Health</i> , <b>2020</b> , 223, 116-123	6.9	15
213	Associations between household renovation and rhinitis among preschool children in China: A cross-sectional study. <i>Indoor Air</i> , <b>2020</b> , 30, 827-840	5.4	6
212	Sources of volatile organic compounds in suburban homes in Shanghai, China, and the impact of air filtration on compound concentrations. <i>Chemosphere</i> , <b>2019</b> , 231, 256-268	8.4	28
211	Home environment and health: Domestic risk factors for rhinitis, throat symptoms and non-respiratory symptoms among adults across China. <i>Science of the Total Environment</i> , <b>2019</b> , 681, 320-330	10.2	12
210	Asthma, allergic rhinitis and eczema among parents of preschool children in relation to climate, and dampness and mold in dwellings in China. <i>Environment International</i> , <b>2019</b> , 130, 104910	12.9	21
209	Ozone in urban China: Impact on mortalities and approaches for establishing indoor guideline concentrations. <i>Indoor Air</i> , <b>2019</b> , 29, 604-615	5.4	14
208	Toxic volatile organic compounds in 20 homes in Shanghai: Concentrations, inhalation health risks, and the impacts of household air cleaning. <i>Building and Environment</i> , <b>2019</b> , 157, 309-318	6.5	43
207	Household dampness-related exposures in relation to childhood asthma and rhinitis in China: A multicentre observational study. <i>Environment International</i> , <b>2019</b> , 126, 735-746	12.9	24
206	Reducing Indoor Levels of "Outdoor PM" in Urban China: Impact on Mortalities. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 3119-3127	10.3	58
205	Sources of indoor particulate matter (PM) and outdoor air pollution in China in relation to asthma, wheeze, rhinitis and eczema among pre-school children: Synergistic effects between antibiotics use and PM and second hand smoke. <i>Environment International</i> , <b>2019</b> , 125, 252-260	12.9	63
204	High prevalence of eczema among preschool children related to home renovation in China: A multi-city-based cross-sectional study. <i>Indoor Air</i> , <b>2019</b> , 29, 748-760	5.4	9
203	Evaluation of a steady-state method to estimate indoor PM2.5 concentration of outdoor origin. <i>Building and Environment</i> , <b>2019</b> , 161, 106243	6.5	11
202	TRPV1 and TRPA1 in Lung Inflammation and Airway Hyperresponsiveness Induced by Fine Particulate Matter (PM). <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 7450151	6.7	22
201	The impact of household air cleaners on the chemical composition and children's exposure to PM metal sources in suburban Shanghai. <i>Environmental Pollution</i> , <b>2019</b> , 253, 190-198	9.3	24
200	Household renovation before and during pregnancy in relation to preterm birth and low birthweight in China. <i>Indoor Air</i> , <b>2019</b> , 29, 202-214	5.4	7
199	Relations between indoor and outdoor PM2.5 and constituent concentrations. <i>Frontiers of Environmental Science and Engineering</i> , <b>2019</b> , 13, 1	5.8	23
198	Dampness and mold in homes across China: Associations with rhinitis, ocular, throat and dermal symptoms, headache and fatigue among adults. <i>Indoor Air</i> , <b>2019</b> , 29, 30-42	5.4	28
197	Onset and remission of childhood wheeze and rhinitis across China - Associations with early life indoor and outdoor air pollution. <i>Environment International</i> , <b>2019</b> , 123, 61-69	12.9	42

196	Associations of household renovation materials and periods with childhood asthma, in China: A retrospective cohort study. <i>Environment International</i> , <b>2018</b> , 113, 240-248	12.9	20
195	Responses to Comments on "Differential Health Effects of Constant and Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategies". <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 3322-3324	10.3	
194	Cardiopulmonary effects of overnight indoor air filtration in healthy non-smoking adults: A double-blind randomized crossover study. <i>Environment International</i> , <b>2018</b> , 114, 27-36	12.9	63
193	Residential risk factors for childhood pneumonia: A cross-sectional study in eight cities of China. <i>Environment International</i> , <b>2018</b> , 116, 83-91	12.9	26
192	The Tsinghua-Lancet Commission on Healthy Cities in China: unlocking the power of cities for a healthy China. <i>Lancet, The</i> , <b>2018</b> , 391, 2140-2184	40	91
191	Erfassung der Humanexposition mit organischen Verbindungen in Innenraumumgebungen. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 12406-12443	3.6	6
190	Differential Health Effects of Constant versus Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategies. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 1551-1560	10.3	15
189	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. <i>Indoor Air</i> , <b>2018</b> , 28, 360-372	5.4	42
188	Assessing Human Exposure to Organic Pollutants in the Indoor Environment. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12228-12263	16.4	98
187	Predicting Dermal Exposure to Gas-Phase Semivolatile Organic Compounds (SVOCs): A Further Study of SVOC Mass Transfer between Clothing and Skin Surface Lipids. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 4676-4683	10.3	25
186	Experimental study of a compact electrostatically assisted air coarse filter for efficient particle removal: Synergistic particle charging and filter polarizing. <i>Building and Environment</i> , <b>2018</b> , 135, 153-161	6.5	32
185	The influence of air cleaners on indoor particulate matter components and oxidative potential in residential households in Beijing. <i>Science of the Total Environment</i> , <b>2018</b> , 626, 507-518	10.2	32
184	Indoor particle age, a new concept for improving the accuracy of estimating indoor airborne SVOC concentrations, and applications. <i>Building and Environment</i> , <b>2018</b> , 136, 88-97	6.5	27
183	Asthma and rhinitis among Chinese children - Indoor and outdoor air pollution and indicators of socioeconomic status (SES). <i>Environment International</i> , <b>2018</b> , 115, 1-8	12.9	61
182	The effects of PM on asthmatic and allergic diseases or symptoms in preschool children of six Chinese cities, based on China, Children, Homes and Health (CCHH) project. <i>Environmental Pollution</i> , <b>2018</b> , 232, 329-337	9.3	75
181	A mesoscopic model for transient mass transfer of volatile organic compounds from porous walls of different structures. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 117, 36-49	4.9	10
180	Improved C-history method for rapidly and accurately measuring the characteristic parameters of formaldehyde/VOCs emitted from building materials. <i>Building and Environment</i> , <b>2018</b> , 143, 570-578	6.5	27
179	Lifetime-ever pneumonia among pre-school children across China - Associations with pre-natal and post-natal early life environmental factors. <i>Environmental Research</i> , <b>2018</b> , 167, 418-427	7.9	15

178	An in-situ thermally regenerated air purifier for indoor formaldehyde removal. <i>Indoor Air</i> , <b>2018</b> , 28, 266-275	3.75	30
177	Sodium acetate-urea composite phase change material used in building envelopes for thermal insulation. <i>Building Services Engineering Research and Technology</i> , <b>2018</b> , 39, 475-491	2.3	3
176	Age modification of ozone associations with cardiovascular disease risk in adults: a potential role for soluble P-selectin and blood pressure. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, 4643-4652	2.6	5
175	Emissions of Phthalates from Indoor Flat Materials in Chinese Residences. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 13166-13173	10.3	12
174	Ozone deposition velocities on cotton clothing surface determined by the field and laboratory emission cell. <i>Indoor and Built Environment</i> , <b>2017</b> , 26, 631-641	1.8	6
173	A SPME-based method for rapidly and accurately measuring the characteristic parameter for DEHP emitted from PVC floorings. <i>Indoor Air</i> , <b>2017</b> , 27, 417-426	5.4	46
172	Three dimensional thermal diffusion in anisotropic heterogeneous structures simulated by a non-dimensional lattice Boltzmann method with a controllable structure generation scheme based on discrete Gaussian quadrature space and velocity. <i>International Journal of Heat and Mass Transfer</i> , <b>2017</b> , 108, 386-401	4.9	13
171	Exposure to SVOCs from Inhaled Particles: Impact of Desorption. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 6220-6228	10.3	17
170	Common cold among pre-school children in China - associations with ambient PM and dampness, mould, cats, dogs, rats and cockroaches in the home environment. <i>Environment International</i> , <b>2017</b> , 103, 13-22	12.9	34
169	Indoor formaldehyde concentrations in urban China: Preliminary study of some important influencing factors. <i>Science of the Total Environment</i> , <b>2017</b> , 590-591, 394-405	10.2	76
168	Phthalates in dust collected from various indoor environments in Beijing, China and resulting non-dietary human exposure. <i>Building and Environment</i> , <b>2017</b> , 124, 315-322	6.5	30
167	Time dependence of characteristic parameter for semi-volatile organic compounds (SVOCs) emitted from indoor materials. <i>Building and Environment</i> , <b>2017</b> , 125, 339-347	6.5	19
166	Operation strategy optimization of BCHP system with thermal energy storage: A case study for airport terminal in Qingdao, China. <i>Energy and Buildings</i> , <b>2017</b> , 154, 465-478	7	13
165	SPME-Based C-History Method for Measuring SVOC Diffusion Coefficients in Clothing Material. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 9137-9145	10.3	13
164	Association of Ozone Exposure With Cardiorespiratory Pathophysiologic Mechanisms in Healthy Adults. <i>JAMA Internal Medicine</i> , <b>2017</b> , 177, 1344-1353	11.5	116
163	Influence of airborne particles on convective mass transfer of SVOCs on flat surfaces: Novel insight and estimation formula. <i>International Journal of Heat and Mass Transfer</i> , <b>2017</b> , 115, 127-136	4.9	14
162	Application of concept of heat adaptor: Determining an ideal central heating system using industrial waste heat. <i>Applied Thermal Engineering</i> , <b>2017</b> , 111, 1387-1393	5.8	8
161	Analytical method to evaluate energy saving potential of thermal energy storage in cogeneration system based on load characteristics. <i>Energy Procedia</i> , <b>2017</b> , 142, 1133-1138	2.3	1

160	Inverse problem and variation method to optimize cascade heat exchange network in central heating system. <i>Journal of Thermal Science</i> , <b>2017</b> , 26, 545-551	1.9	7
159	Inverse Problem Optimization Method to Design Passive Samplers for Volatile Organic Compounds: Principle and Application. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 13477-13485	10.3	16
158	Associations between perceptions of odors and dryness and children's asthma and allergies: A cross-sectional study of home environment in Baotou. <i>Building and Environment</i> , <b>2016</b> , 106, 167-174	6.5	13
157	Indoor phthalate concentration in residential apartments in Chongqing, China: Implications for preschool children's exposure and risk assessment. <i>Atmospheric Environment</i> , <b>2016</b> , 127, 34-45	5.3	74
156	C(m)-History Method, a Novel Approach to Simultaneously Measure Source and Sink Parameters Important for Estimating Indoor Exposures to Phthalates. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 825-34	10.3	47
155	Pre-feasibility of building cooling heating and power system with thermal energy storage considering energy supply-demand mismatch. <i>Applied Energy</i> , <b>2016</b> , 167, 125-134	10.7	20
154	Impact of Clothing on Dermal Exposure to Phthalates: Observations and Insights from Sampling Both Skin and Clothing. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 4350-7	10.3	69
153	A reference method for measuring emissions of SVOCs in small chambers. <i>Building and Environment</i> , <b>2016</b> , 95, 126-132	6.5	30
152	Early stage C-history method: Rapid and accurate determination of the key SVOC emission or sorption parameters of indoor materials. <i>Building and Environment</i> , <b>2016</b> , 95, 314-321	6.5	22
151	Characterizing the equilibrium relationship between DEHP in PVC flooring and air using a closed-chamber SPME method. <i>Building and Environment</i> , <b>2016</b> , 95, 283-290	6.5	22
150	Characteristics and Relationships between Indoor and Outdoor PM <sub>2.5</sub> in Beijing: A Residential Apartment Case Study. <i>Aerosol and Air Quality Research</i> , <b>2016</b> , 16, 2386-2395	4.6	20
149	Influence of humidity on the initial emittable concentration of formaldehyde and hexaldehyde in building materials: experimental observation and correlation. <i>Scientific Reports</i> , <b>2016</b> , 6, 23388	4.9	25
148	Understanding and controlling airborne organic compounds in the indoor environment: mass transfer analysis and applications. <i>Indoor Air</i> , <b>2016</b> , 26, 39-60	5.4	57
147	Simplifying analysis of sorption of SVOCs to particles: Lumped parameter method and application condition. <i>International Journal of Heat and Mass Transfer</i> , <b>2016</b> , 99, 402-408	4.9	10
146	A simplified model to study the location impact of latent thermal energy storage in building cooling heating and power system. <i>Energy</i> , <b>2016</b> , 114, 885-894	7.9	14
145	Comprehensive influence of environmental factors on the emission rate of formaldehyde and VOCs in building materials: Correlation development and exposure assessment. <i>Environmental Research</i> , <b>2016</b> , 151, 734-741	7.9	63
144	Ozone, Electrostatic Precipitators, and Particle Number Concentrations: Correlations Observed in a Real Office during Working Hours. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 10236-44	10.3	31
143	Transient Method for Determining Indoor Chemical Concentrations Based on SPME: Model Development and Calibration. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 9452-9	10.3	22



142	Home environment in relation to allergic rhinitis among preschool children in Beijing, China: A cross-sectional study. <i>Building and Environment</i> , <b>2015</b> , 93, 54-63	6.5	20
141	A new approach, based on the inverse problem and variation method, for solving building energy and environment problems: Preliminary study and illustrative examples. <i>Building and Environment</i> , <b>2015</b> , 91, 204-218	6.5	40
140	Early life exposure to ambient air pollution and childhood asthma in China. <i>Environmental Research</i> , <b>2015</b> , 143, 83-92	7.9	115
139	Neurobehavioral changes induced by di(2-ethylhexyl) phthalate and the protective effects of vitamin E in Kunming mice. <i>Toxicology Research</i> , <b>2015</b> , 4, 1006-1015	2.6	20
138	A novel concept to determine the optimal heating mode of residential rooms based on the inverse problem method. <i>Building and Environment</i> , <b>2015</b> , 85, 73-84	6.5	8
137	Applicability of TES-BCHP System Based on the Degree of Mismatch between User Load Demands and Energy Supply. <i>Procedia Engineering</i> , <b>2015</b> , 121, 1103-1110		
136	Application of Heat Adaptor: Thermodynamic Optimization for Central Heating System Through Extremum Principle. <i>Energy Procedia</i> , <b>2015</b> , 75, 1387-1392	2.3	3
135	Optimal Phase Change Temperature for Energy Storage Based on Fluctuating Loads in Building Cooling Heating and Power System. <i>Energy Procedia</i> , <b>2015</b> , 75, 1360-1365	2.3	5
134	The Impact of Relative Humidity on the Emission Behaviour of Formaldehyde in Building Materials. <i>Procedia Engineering</i> , <b>2015</b> , 121, 59-66		6
133	C-Depth Method to Determine Diffusion Coefficient and Partition Coefficient of PCB in Building Materials. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 12112-9	10.3	11
132	Using phase change materials in photovoltaic systems for thermal regulation and electrical efficiency improvement: A review and outlook. <i>Renewable and Sustainable Energy Reviews</i> , <b>2015</b> , 43, 1273-1284	16.2	221
131	Impact of temperature on the ratio of initial emittable concentration to total concentration for formaldehyde in building materials: theoretical correlation and validation. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 1537-44	10.3	69
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