

# Yinping Zhang

## List of Publications by Year in descending order

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274  
papers

15,256  
citations

13068

68  
h-index

25716

108  
g-index

281  
all docs

281  
docs citations

281  
times ranked

10026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eczema, facial erythema, and seborrheic dermatitis symptoms among young adults in China in relation to ambient air pollution, climate, and home environment. <i>Indoor Air</i> , 2022, 32, .	2.0	10
2	Oral cavity response to air pollutant exposure and association with pulmonary inflammation and symptoms in asthmatic children. <i>Environmental Research</i> , 2022, 206, 112275.	3.7	10
3	New approach to determine the optimal control of fresh air systems in urban China residences. <i>Building and Environment</i> , 2022, 207, 108538.	3.0	7
4	Utilizing electrostatic effect in fibrous filters for efficient airborne particles removal: Principles, fabrication, and material properties. <i>Applied Materials Today</i> , 2022, 26, 101369.	2.3	35
5	Ergonomics for indoor air environments: Problems, reflections and investigations. <i>Chinese Science Bulletin</i> , 2022, 67, 1729-1743.	0.4	6
6	Optimization of energy efficiency and COVID-19 pandemic control in different indoor environments. <i>Energy and Buildings</i> , 2022, 261, 111954.	3.1	26
7	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> , 2022, 214, 108931.	3.0	7
8	Non-targeted screening of volatile organic compounds in a museum in China Using GC-Orbitrap mass spectrometry. <i>Science of the Total Environment</i> , 2022, 835, 155277.	3.9	5
9	Indoor exposure to phthalates and its burden of disease in China. <i>Indoor Air</i> , 2022, 32, e13030.	2.0	20
10	Maternal exposure to PM <sub>2.5</sub> /BC during pregnancy predisposes children to allergic rhinitis which varies by regions and exclusive breastfeeding. <i>Environment International</i> , 2022, 165, 107315.	4.8	7
11	Health effects of exposure to indoor volatile organic compounds from 1980 to 2017: A systematic review and meta-analysis. <i>Indoor Air</i> , 2022, 32, .	2.0	37
12	Effect of prenatal and postnatal exposure to home renovation on the risk of common cold in preschool children. <i>Indoor Air</i> , 2022, 32, .	2.0	1
13	Negative ions offset cardiorespiratory benefits of PM <sub>2.5</sub> reduction from residential use of negative ion air purifiers. <i>Indoor Air</i> , 2021, 31, 220-228.	2.0	40
14	Real-time measurements of PM <sub>2.5</sub> and ozone to assess the effectiveness of residential indoor air filtration in Shanghai homes. <i>Indoor Air</i> , 2021, 31, 74-87.	2.0	35
15	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> , 2021, 751, 141734.	3.9	55
16	Ambient PM <sub>2.5</sub> and its chemical constituents on lifetime-ever pneumonia in Chinese children: A multi-center study. <i>Environment International</i> , 2021, 146, 106176.	4.8	37
17	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> , 2021, 755, 142467.	3.9	14
18	Assessing Human Exposure to SVOCs in Materials, Products, and Articles: A Modular Mechanistic Framework. <i>Environmental Science &amp; Technology</i> , 2021, 55, 25-43.	4.6	54

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19	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> , 2021, 8, 270-275.	3.9	9
20	Impacts of implementing Healthy Building guidelines for daily PM <sub>2.5</sub> limit on premature deaths and economic losses in urban China: A population-based modeling study. <i>Environment International</i> , 2021, 147, 106342.	4.8	22
21	Personal Exposure to PM <sub>2.5</sub> Oxidative Potential in Association with Pulmonary Pathophysiologic Outcomes in Children with Asthma. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3101-3111.	4.6	33
22	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> , 2021, 55, 3867-3875.	4.6	19
23	Assessing and controlling infection risk with Wells-Riley model and spatial flow impact factor (SFIF). <i>Sustainable Cities and Society</i> , 2021, 67, 102719.	5.1	80
24	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> , 2021, 773, 145709.	3.9	9
25	Indoor exposure levels of ammonia in residences, schools, and offices in China from 1980 to 2019: A systematic review. <i>Indoor Air</i> , 2021, 31, 1691-1706.	2.0	13
26	Ultralow Resistance Two-Stage Electrostatically Assisted Air Filtration by Polydopamine Coated PET Coarse Filter. <i>Small</i> , 2021, 17, e2102051.	5.2	40
27	The associations of nitrated polycyclic aromatic hydrocarbon exposures with plasma glucose and amino acids. <i>Environmental Pollution</i> , 2021, 289, 117945.	3.7	3
28	Indoor air quality in schools in Beijing: Field tests, problems and recommendations. <i>Building and Environment</i> , 2021, 205, 108179.	3.0	31
29	Associations between time-weighted personal air pollution exposure and amino acid metabolism in healthy adults. <i>Environment International</i> , 2021, 156, 106623.	4.8	11
30	Congratulations to the recipients of the Academy of Fellows of ISIAQ Awards 2020. <i>Indoor Air</i> , 2021, 31, 1687-1690.	2.0	1
31	Non-dietary exposure to phthalates for pre-school children in kindergarten in Beijing, China. <i>Building and Environment</i> , 2020, 167, 106438.	3.0	30
32	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> , 2020, 223, 116-123.	2.1	17
33	Home environmental and lifestyle factors associated with asthma, rhinitis and wheeze in children in Beijing, China. <i>Environmental Pollution</i> , 2020, 256, 113426.	3.7	32
34	Birth month is associated with learning capacity in childhood in Northeast China. <i>Indoor Air</i> , 2020, 30, 31-39.	2.0	6
35	Using low-cost sensors to monitor indoor, outdoor, and personal ozone concentrations in Beijing, China. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 131-143.	1.7	19
36	The impact of household air cleaners on the oxidative potential of PM <sub>2.5</sub> and the role of metals and sources associated with indoor and outdoor exposure. <i>Environmental Research</i> , 2020, 181, 108919.	3.7	39

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37	Associations of ozone exposure with urinary metabolites of arachidonic acid. <i>Environment International</i> , 2020, 145, 106154.	4.8	18
38	Furry pet-related wheeze and rhinitis in pre-school children across China: Associations with early life dampness and mould, furry pet keeping, outdoor temperature, PM10 and PM2.5. <i>Environment International</i> , 2020, 144, 106033.	4.8	26
39	Endogenous melatonin mediation of systemic inflammatory responses to ozone exposure in healthy adults. <i>Science of the Total Environment</i> , 2020, 749, 141301.	3.9	12
40	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 PM10 and PM2.5. <i>Science of the Total Environment</i> , 2020, 749, 141580.	3.9	12
41	Indoor exposure levels of bacteria and fungi in residences, schools, and offices in China: A systematic review. <i>Indoor Air</i> , 2020, 30, 1147-1165.	2.0	36
42	Children's microenvironmental exposure to PM2.5 and ozone and the impact of indoor air filtration. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 971-980.	1.8	19
43	Malondialdehyde in Nasal Fluid: A Biomarker for Monitoring Asthma Control in Relation to Air Pollution Exposure. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11405-11413.	4.6	24
44	Analysis on the microstructure of sands. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 446, 022049.	0.2	0
45	Electrostatic Air Filtration by Multifunctional Dielectric Heterocaking Filters with Ultralow Pressure Drop. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 29383-29392.	4.0	14
46	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> , 2020, 54, 869-879.	1.5	23
47	Associations of personal exposure to air pollutants with airway mechanics in children with asthma. <i>Environment International</i> , 2020, 138, 105647.	4.8	30
48	Effects of parental smoking and indoor tobacco smoke exposure on respiratory outcomes in children. <i>Scientific Reports</i> , 2020, 10, 4311.	1.6	26
49	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> , 2020, 393, 122382.	6.5	18
50	Association Between Bedroom Particulate Matter Filtration and Changes in Airway Pathophysiology in Children With Asthma. <i>JAMA Pediatrics</i> , 2020, 174, 533.	3.3	54
51	Inflammatory and oxidative stress responses of healthy adults to changes in personal air pollutant exposure. <i>Environmental Pollution</i> , 2020, 263, 114503.	3.7	21
52	Associations between household renovation and rhinitis among preschool children in China: A cross-sectional study. <i>Indoor Air</i> , 2020, 30, 827-840.	2.0	8
53	Research on the climate response of variable thermo-physical property building envelopes: A literature review. <i>Energy and Buildings</i> , 2020, 226, 110398.	3.1	35
54	Using Low-cost sensors to Quantify the Effects of Air Filtration on Indoor and Personal Exposure Relevant PM2.5 Concentrations in Beijing, China. <i>Aerosol and Air Quality Research</i> , 2020, 20, 297-313.	0.9	45

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55	Tackling difficult problems through collaboration among multi-disciplinary research and industry. Chinese Science Bulletin, 2020, 65, 231-238.	0.4	3
56	Inverse Problem Method to Optimize Cascade Heat Exchange Network in Central Heating System. International Journal of Energy Optimization and Engineering, 2020, 9, 62-82.	0.4	2
57	High prevalence of eczema among preschool children related to home renovation in China: A multi-city-based cross-sectional study. Indoor Air, 2019, 29, 748-760.	2.0	15
58	Evaluation of a steady-state method to estimate indoor PM <sub>2.5</sub> concentration of outdoor origin. Building and Environment, 2019, 161, 106243.	3.0	17
59	TRPV1 and TRPA1 in Lung Inflammation and Airway Hyperresponsiveness Induced by Fine Particulate Matter (PM <sub>2.5</sub> ). Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	1.9	48
60	The impact of household air cleaners on the chemical composition and children's exposure to PM <sub>2.5</sub> metal sources in suburban Shanghai. Environmental Pollution, 2019, 253, 190-198.	3.7	34
61	Sources of volatile organic compounds in suburban homes in Shanghai, China, and the impact of air filtration on compound concentrations. Chemosphere, 2019, 231, 256-268.	4.2	41
62	Home environment and health: Domestic risk factors for rhinitis, throat symptoms and non-respiratory symptoms among adults across China. Science of the Total Environment, 2019, 681, 320-330.	3.9	19
63	Asthma, allergic rhinitis and eczema among parents of preschool children in relation to climate, and dampness and mold in dwellings in China. Environment International, 2019, 130, 104910.	4.8	48
64	Ozone in urban China: Impact on mortalities and approaches for establishing indoor guideline concentrations. Indoor Air, 2019, 29, 604-615.	2.0	19
65	Health effects of air pollution: what we need to know and to do in the next decade. Journal of Thoracic Disease, 2019, 11, 1727-1730.	0.6	13
66	Toxic volatile organic compounds in 20 homes in Shanghai: Concentrations, inhalation health risks, and the impacts of household air cleaning. Building and Environment, 2019, 157, 309-318.	3.0	64
67	Household dampness-related exposures in relation to childhood asthma and rhinitis in China: A multicentre observational study. Environment International, 2019, 126, 735-746.	4.8	44
68	Reducing Indoor Levels of "Outdoor PM <sub>2.5</sub> " in Urban China: Impact on Mortalities. Environmental Science & Technology, 2019, 53, 3119-3127.	4.6	88
69	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 <sub>10</sub> and second hand smoke. Environment International, 2019, 125, 252-260.	4.8	108
70	Household renovation before and during pregnancy in relation to preterm birth and low birthweight in China. Indoor Air, 2019, 29, 202-214.	2.0	10
71	Relations between indoor and outdoor PM <sub>2.5</sub> and constituent concentrations. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	3.3	34
72	Dampness and mold in homes across China: Associations with rhinitis, ocular, throat and dermal symptoms, headache and fatigue among adults. Indoor Air, 2019, 29, 30-42.	2.0	49

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73	Onset and remission of childhood wheeze and rhinitis across China – Associations with early life indoor and outdoor air pollution. <i>Environment International</i> , 2019, 123, 61-69.	4.8	81
74	Associations of household renovation materials and periods with childhood asthma, in China: A retrospective cohort study. <i>Environment International</i> , 2018, 113, 240-248.	4.8	27
75	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> , 2018, 52, 3322-3324.	4.6	0
76	Cardiopulmonary effects of overnight indoor air filtration in healthy non-smoking adults: A double-blind randomized crossover study. <i>Environment International</i> , 2018, 114, 27-36.	4.8	80
77	Residential risk factors for childhood pneumonia: A cross-sectional study in eight cities of China. <i>Environment International</i> , 2018, 116, 83-91.	4.8	40
78	The Tsinghua “Lancet Commission on Healthy Cities in China: unlocking the power of cities for a healthy China. <i>Lancet, The</i> , 2018, 391, 2140-2184.	6.3	155
79	Erfassung der Humanexposition mit organischen Verbindungen in Innenraumumgebungen. <i>Angewandte Chemie</i> , 2018, 130, 12406-12443.	1.6	10
80	Differential Health Effects of Constant versus Intermittent Exposure to Formaldehyde in Mice: Implications for Building Ventilation Strategies. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1551-1560.	4.6	23
81	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> , 2018, 28, 360-372.	2.0	57
82	Assessing Human Exposure to Organic Pollutants in the Indoor Environment. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12228-12263.	7.2	149
83	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> , 2018, 52, 4676-4683.	4.6	39
84	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> , 2018, 135, 153-161.	3.0	43
85	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> , 2018, 626, 507-518.	3.9	46
86	Indoor particle age, a new concept for improving the accuracy of estimating indoor airborne SVOC concentrations, and applications. <i>Building and Environment</i> , 2018, 136, 88-97.	3.0	35
87	Asthma and rhinitis among Chinese children – Indoor and outdoor air pollution and indicators of socioeconomic status (SES). <i>Environment International</i> , 2018, 115, 1-8.	4.8	95
88	The effects of PM2.5 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> , 2018, 232, 329-337.	3.7	110
89	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> , 2018, 117, 36-49.	2.5	14
90	An in-situ thermally regenerated air purifier for indoor formaldehyde removal. <i>Indoor Air</i> , 2018, 28, 266-275.	2.0	38

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91	Sodium acetate-urea composite phase change material used in building envelopes for thermal insulation. <i>Building Services Engineering Research and Technology</i> , 2018, 39, 475-491.	0.9	10
92	Effects of fine particulate matter and its constituents on childhood pneumonia: a cross-sectional study in six Chinese cities. <i>Lancet, The</i> , 2018, 392, S79.	6.3	3
93	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> , 2018, 10, 4643-4652.	0.6	5
94	Effects of tightening standards for indoor ozone levels on associated mortalities in urban China: a population-based modelling study. <i>Lancet, The</i> , 2018, 392, S31.	6.3	5
95	Emissions of Phthalates from Indoor Flat Materials in Chinese Residences. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13166-13173.	4.6	24
96	Improved C-history method for rapidly and accurately measuring the characteristic parameters of formaldehyde/VOCs emitted from building materials. <i>Building and Environment</i> , 2018, 143, 570-578.	3.0	40
97	Lifetime-ever pneumonia among pre-school children across China - Associations with pre-natal and post-natal early life environmental factors. <i>Environmental Research</i> , 2018, 167, 418-427.	3.7	27
98	Ozone deposition velocities on cotton clothing surface determined by the field and laboratory emission cell. <i>Indoor and Built Environment</i> , 2017, 26, 631-641.	1.5	9
99	A SPME-based method for rapidly and accurately measuring the characteristic parameter for DEHP emitted from PVC floorings. <i>Indoor Air</i> , 2017, 27, 417-426.	2.0	56
100	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> , 2017, 108, 386-401.	2.5	18
101	Exposure to SVOCs from Inhaled Particles: Impact of Desorption. <i>Environmental Science &amp; Technology</i> , 2017, 51, 6220-6228.	4.6	28
102	Common cold among pre-school children in China - associations with ambient PM 10 and dampness, mould, cats, dogs, rats and cockroaches in the home environment. <i>Environment International</i> , 2017, 103, 13-22.	4.8	45
103	Indoor formaldehyde concentrations in urban China: Preliminary study of some important influencing factors. <i>Science of the Total Environment</i> , 2017, 590-591, 394-405.	3.9	103
104	Phthalates in dust collected from various indoor environments in Beijing, China and resulting non-dietary human exposure. <i>Building and Environment</i> , 2017, 124, 315-322.	3.0	46
105	Time dependence of characteristic parameter for semi-volatile organic compounds (SVOCs) emitted from indoor materials. <i>Building and Environment</i> , 2017, 125, 339-347.	3.0	24
106	Operation strategy optimization of BCHP system with thermal energy storage: A case study for airport terminal in Qingdao, China. <i>Energy and Buildings</i> , 2017, 154, 465-478.	3.1	14
107	SPME-Based C <sub>a</sub> -History Method for Measuring SVOC Diffusion Coefficients in Clothing Material. <i>Environmental Science &amp; Technology</i> , 2017, 51, 9137-9145.	4.6	19
108	Association of Ozone Exposure With Cardiorespiratory Pathophysiologic Mechanisms in Healthy Adults. <i>JAMA Internal Medicine</i> , 2017, 177, 1344.	2.6	183

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109	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> , 2017, 115, 127-136.	2.5	16
110	Application of concept of heat adaptor: Determining an ideal central heating system using industrial waste heat. <i>Applied Thermal Engineering</i> , 2017, 111, 1387-1393.	3.0	8
111	Analytical method to evaluate energy saving potential of thermal energy storage in cogeneration system based on load characteristics. <i>Energy Procedia</i> , 2017, 142, 1133-1138.	1.8	1
112	Inverse problem and variation method to optimize cascade heat exchange network in central heating system. <i>Journal of Thermal Science</i> , 2017, 26, 545-551.	0.9	10
113	THERMODYNAMIC OPTIMIZATION OF COUPLED HEAT WORK CONVERSION AND HEAT TRANSFER ENERGY SYSTEMS BY APPLYING INVERSE PROBLEM AND VARIATION METHOD. <i>Heat Transfer Research</i> , 2017, 48, 1637-1649.	0.9	2
114	Characteristics and Relationships between Indoor and Outdoor PM2.5 in Beijing: A Residential Apartment Case Study. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2386-2395.	0.9	33
115	Influence of humidity on the initial emittable concentration of formaldehyde and hexaldehyde in building materials: experimental observation and correlation. <i>Scientific Reports</i> , 2016, 6, 23388.	1.6	31
116	Understanding and controlling airborne organic compounds in the indoor environment: mass transfer analysis and applications. <i>Indoor Air</i> , 2016, 26, 39-60.	2.0	65
117	Simplifying analysis of sorption of SVOCs to particles: Lumped parameter method and application condition. <i>International Journal of Heat and Mass Transfer</i> , 2016, 99, 402-408.	2.5	12
118	A simplified model to study the location impact of latent thermal energy storage in building cooling heating and power system. <i>Energy</i> , 2016, 114, 885-894.	4.5	16
119	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> , 2016, 151, 734-741.	3.7	84
120	Ozone, Electrostatic Precipitators, and Particle Number Concentrations: Correlations Observed in a Real Office during Working Hours. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10236-10244.	4.6	42
121	Transient Method for Determining Indoor Chemical Concentrations Based on SPME: Model Development and Calibration. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9452-9459.	4.6	24
122	Inverse Problem Optimization Method to Design Passive Samplers for Volatile Organic Compounds: Principle and Application. <i>Environmental Science &amp; Technology</i> , 2016, 50, 13477-13485.	4.6	17
123	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> , 2016, 106, 167-174.	3.0	20
124	Indoor phthalate concentration in residential apartments in Chongqing, China: Implications for preschool children's exposure and risk assessment. <i>Atmospheric Environment</i> , 2016, 127, 34-45.	1.9	103
125	<i>C</i> -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> , 2016, 50, 825-834.	4.6	64
126	Pre-feasibility of building cooling heating and power system with thermal energy storage considering energy supply's demand mismatch. <i>Applied Energy</i> , 2016, 167, 125-134.	5.1	29

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127	Impact of Clothing on Dermal Exposure to Phthalates: Observations and Insights from Sampling Both Skin and Clothing. <i>Environmental Science &amp; Technology</i> , 2016, 50, 4350-4357.	4.6	86
128	A reference method for measuring emissions of SVOCs in small chambers. <i>Building and Environment</i> , 2016, 95, 126-132.	3.0	35
129	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> , 2016, 95, 314-321.	3.0	25
130	Characterizing the equilibrium relationship between DEHP in PVC flooring and air using a closed-chamber SPME method. <i>Building and Environment</i> , 2016, 95, 283-290.	3.0	24
131	Applicability of TES-BCHP System Based on the Degree of Mismatch between User Load Demands and Energy Supply. <i>Procedia Engineering</i> , 2015, 121, 1103-1110.	1.2	0
132	Application of Heat Adaptor: Thermodynamic Optimization for Central Heating System Through Extremum Principle. <i>Energy Procedia</i> , 2015, 75, 1387-1392.	1.8	4
133	Optimal Phase Change Temperature for Energy Storage Based on Fluctuating Loads in Building Cooling Heating and Power System. <i>Energy Procedia</i> , 2015, 75, 1360-1365.	1.8	7
134	The Impact of Relative Humidity on the Emission Behaviour of Formaldehyde in Building Materials. <i>Procedia Engineering</i> , 2015, 121, 59-66.	1.2	8
135	C-Depth Method to Determine Diffusion Coefficient and Partition Coefficient of PCB in Building Materials. <i>Environmental Science &amp; Technology</i> , 2015, 49, 12112-12119.	4.6	14
136	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> , 2015, 43, 1273-1284.	8.2	304
137	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> , 2015, 49, 1537-1544.	4.6	86
138	Home environment in relation to allergic rhinitis among preschool children in Beijing, China: A cross-sectional study. <i>Building and Environment</i> , 2015, 93, 54-63.	3.0	29
139	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> , 2015, 91, 204-218.	3.0	50
140	Early life exposure to ambient air pollution and childhood asthma in China. <i>Environmental Research</i> , 2015, 143, 83-92.	3.7	162
141	Neurobehavioral changes induced by di(2-ethylhexyl) phthalate and the protective effects of vitamin E in Kunming mice. <i>Toxicology Research</i> , 2015, 4, 1006-1015.	0.9	30
142	A novel concept to determine the optimal heating mode of residential rooms based on the inverse problem method. <i>Building and Environment</i> , 2015, 85, 73-84.	3.0	8
143	Effect of Traffic Exposure on Sick Building Syndrome Symptoms among Parents/Grandparents of Preschool Children in Beijing, China. <i>PLoS ONE</i> , 2015, 10, e0128767.	1.1	14
144	Analytical optimization of the transient thermal performance of building wall by using thermal impedance based on thermal-electric analogy. <i>Energy and Buildings</i> , 2014, 80, 598-612.	3.1	16

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145	Predicting dermal absorption of gas-phase chemicals: transient model development, evaluation, and application. <i>Indoor Air</i> , 2014, 24, 292-306.	2.0	71
146	Ideal thermal physical properties of building wall in an active room. <i>Indoor and Built Environment</i> , 2014, 23, 839-853.	1.5	17
147	A new experimental method to determine specific heat capacity of inhomogeneous concrete material with incorporated microencapsulated-PCM. <i>Cement and Concrete Research</i> , 2014, 55, 22-34.	4.6	94
148	A framework and experimental study of an improved VOC/formaldehyde emission reference for environmental chamber tests. <i>Atmospheric Environment</i> , 2014, 82, 327-334.	1.9	18
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