

The National Human Activity Pattern Survey (NHAPS): environmental pollutants

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Citation Report

#	ARTICLE	IF	CITATIONS
2	A population exposure model for particulate matter: case study results for PM2.5 in Philadelphia, PA. Journal of Exposure Science and Environmental Epidemiology, 2001, 11, 470-489.	1.8	198
3	Review of Information Resources to Support Human Exposure Assessment Models. Human and Ecological Risk Assessment (HERA), 2002, 8, 1445-1487.	1.7	6
5	Assessing exposure to air toxics relative to asthma.. Environmental Health Perspectives, 2002, 110, 527-537.	2.8	87
6	Hazardous air pollutants and asthma.. Environmental Health Perspectives, 2002, 110, 505-526.	2.8	176
7	An exposure assessment study of ambient heat exposure in an elderly population in Baltimore, Maryland.. Environmental Health Perspectives, 2002, 110, 1219-1224.	2.8	109
8	Human Exposure Assessment in Air Pollution Systems. Scientific World Journal, The, 2002, 2, 497-513.	0.8	16
9	Deteriorated housing contributes to high cockroach allergen levels in inner-city households.. Environmental Health Perspectives, 2002, 110, 323-327.	2.8	146
10	It's about time: A comparison of Canadian and American timeâ€“activity patterns. Journal of Exposure Science and Environmental Epidemiology, 2002, 12, 427-432.	1.8	518
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12	Analysis of the spatial distribution of cryptosporidiosis in AIDS patients in San Francisco using density equalizing map projections (DEMP). International Journal of Hygiene and Environmental Health, 2003, 206, 553-561.	2.1	8
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21	Outdoor, Indoor, and Personal Exposure to VOCs in Children. Environmental Health Perspectives, 2004, 112, 1386-1392.	2.8	172

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25	Understanding variability in time spent in selected locations for 7-12-year old children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, 222-233.	1.8	41
26	Inhalation of hazardous air pollutants from environmental tobacco smoke in US residences. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, S71-S77.	1.8	111
27	Differences in source emission rates of volatile organic compounds in inner-city residences of New York City and Los Angeles. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, S95-S109.	1.8	75
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1680	A review of intensified conditioning of personal micro-environments: Moving closer to the human body. <i>Energy and Built Environment</i> , 2021, 2, 260-270.	2.9	37
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1737	Unimolecular Reactions Following Indoor and Outdoor Limonene Ozonolysis. <i>Journal of Physical Chemistry A</i> , 2021, 125, 669-680.	1.1	26
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1762	Indoor Localization by Kalman Filter based Combining of UWB-Positioning and PDR. , 2021, , .		15
1763	Applying IoT and Data Analytics to Thermal Comfort: A Review. <i>Studies in Computational Intelligence</i> , 2021, , 171-198.	0.7	2
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1776	Pulmonary Health Effects of Indoor Volatile Organic Compounds—A Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1578.	1.2	35
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1783	Enhancing occupants' comfort through BIM-based probabilistic approach. <i>Automation in Construction</i> , 2021, 123, 103528.	4.8	27
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1785	Design of a data management system for medical Internet of Things based on mobile platform. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 0, , 1.	3.3	2
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1797	Dopant assisted photoionization ion mobility spectrometry for on-site specific and sensitive determination of atmospheric ammonia. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129365.	4.0	6
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1814	Local-level Analysis of Positioning Errors in Wi-Fi Fingerprinting. , 2021, , .		1
1815	A topology-based graph data model for indoor spatial-social networking. <i>International Journal of Geographical Information Science</i> , 0, , 1-23.	2.2	3
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1824	Past, present, and future of ultrafine particle exposures in North America. <i>Atmospheric Environment: X</i> , 2021, 10, 100109.	0.8	13
1825	Less is more? Effects of more vs. less electric light on alertness, mood, sleep and appraisals of light in an operational office. <i>Journal of Environmental Psychology</i> , 2021, 74, 101583.	2.3	17
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1831	Brown Adipose Tissue Volume and Fat Content Are Positively Associated With Whole-Body Adiposity in Young Men—Not in Women. <i>Diabetes</i> , 2021, 70, 1473-1485.	0.3	11
1832	Impact of ironing on indoor particle levels and composition. <i>Building and Environment</i> , 2021, 192, 107636.	3.0	10
1833	Intake Fractions for Volatile Organic Compounds in Two Occupied California Residences. <i>Environmental Science and Technology Letters</i> , 2021, 8, 386-391.	3.9	5
1834	An Overview of Photoreactors and Computational Modeling for the Intensification of Photocatalytic Processes in the Gas-Phase: State-of-Art. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105068.	3.3	16
1835	Real-time characterization of aerosol particle composition, sources and influences of increased ventilation and humidity in an office. <i>Indoor Air</i> , 2021, 31, 1364-1376.	2.0	13
1836	Personal exposure to equivalent black carbon in children in Milan, Italy: Time-activity patterns and predictors by season. <i>Environmental Pollution</i> , 2021, 274, 116530.	3.7	15
1837	Standardizing Melanopic Effects of Ocular Light for Ecological Lighting Design of Nonresidential Buildings—An Overview of Current Legislation and Accompanying Scientific Studies. <i>Sustainability</i> , 2021, 13, 5131.	1.6	10
1838	An analytical model of vapor intrusion with fluctuated water table. <i>Journal of Hydrology</i> , 2021, 596, 126085.	2.3	8
1839	Particulate matter generation in daily activities and removal effect by ventilation methods in residential building. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 1665-1680.	1.5	6
1840	Characterizing outdoor infiltration and indoor contribution of PM2.5 with citizen-based low-cost monitoring data. <i>Environmental Pollution</i> , 2021, 276, 116763.	3.7	35

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1843	Effect of hypoxia on human cognitive ability and indoor oxygen environment demand for sojourners at high altitude. Building and Environment, 2021, 194, 107678.	3.0	7
1844	Assessment and mitigation of personal exposure to particulate air pollution in cities: An exploratory study. Sustainable Cities and Society, 2021, 72, 103052.	5.1	19
1845	Assessment of Integrated Aerosol Sampling Techniques in Indoor, Confined and Outdoor Environments Characterized by Specific Emission Sources. Applied Sciences (Switzerland), 2021, 11, 4360.	1.3	2
1846	Analysis on the risk of respiratory virus transmission by air conditioning system operation based on experimental evidence. Environmental Science and Pollution Research, 2021, 28, 56376-56391.	2.7	3
1847	High-Resolution Exposure Assessment for Volatile Organic Compounds in Two California Residences. Environmental Science & Technology, 2021, 55, 6740-6751.	4.6	33
1848	Improving Indoor Air Quality by Using Sheep Wool Thermal Insulation. Materials, 2021, 14, 2443.	1.3	14
1849	Study of the Characteristics and Comprehensive Fuzzy Assessment of Indoor Air Chemical Contamination in Public Buildings. Frontiers in Public Health, 2021, 9, 579299.	1.3	1
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1851	Anti-perspirant deodorant particulate matter temporal concentrations during home usage. Building and Environment, 2021, 195, 107738.	3.0	2
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1854	Possible effects of air temperature on COVID-19 disease severity and transmission rates. Journal of Medical Virology, 2021, 93, 5358-5366.	2.5	16
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1856	Development of a novel method to detect clothing level and facial skin temperature for controlling HVAC systems. Energy and Buildings, 2021, 239, 110859.	3.1	22
1857	GeoAir- A Novel Portable, GPS-Enabled, Low-Cost Air-Pollution Sensor: Design Strategies to Facilitate Citizen Science Research and Geospatial Assessments of Personal Exposure. Sensors, 2021, 21, 3761.	2.1	16
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1860	Ultrafine Particles Emitted through Routine Operation of a Hairdryer. <i>Environmental Science & Technology</i> , 2021, 55, 8554-8560.	4.6	2
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1863	Research on residential thermal environment differences in relation to transition and heating periods in Beijing. <i>Building and Environment</i> , 2021, 197, 107851.	3.0	9
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1865	Predicting indoor PM2.5/PM10 concentrations using simplified neural network models. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 3249-3257.	0.7	5
1866	Influence of environmental conditions on the dithiothreitol (DTT)-Based oxidative potential of size-resolved indoor particulate matter of ambient origin. <i>Atmospheric Environment</i> , 2021, 255, 118429.	1.9	4
1867	Role of meteorological factors in the transmission of SARS-CoV-2 in the United States. <i>Nature Communications</i> , 2021, 12, 3602.	5.8	97
1868	The Role of Building Sector in Preserving Occupant Health for A Sustainable Development: A Review. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 801, 012022.	0.2	0
1869	Risk of overheating in low-rise naturally ventilated residential buildings of northeast India – an effect of climate change. <i>Architectural Science Review</i> , 2022, 65, 14-41.	1.1	12
1870	Current Status of Aged Public Buildings and Effect Analysis Prediction of Green Remodeling in South Korea. <i>Sustainability</i> , 2021, 13, 6649.	1.6	3
1871	Improving Predictions of Indoor Aerosol Concentrations of Outdoor Origin by Considering the Phase Change of Semivolatile Material Driven by Temperature and Mass-Loading Gradients. <i>Environmental Science & Technology</i> , 2021, 55, 9000-9011.	4.6	10
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1874	Effect of vitamin D supplementation on total and allergen-specific IgE in children with asthma and low vitamin D levels. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 440-444.e2.	1.5	13
1875	Virtual Reality Therapy for Depression and Mood in Long-Term Care Facilities. <i>Geriatrics (Switzerland)</i> , 2021, 6, 58.	0.6	13
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1879	Sex differences in temperature-related all-cause mortality in the Netherlands. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 249-258.	1.1	13
1880	Particulate Matter Exposures under Five Different Transportation Modes during Spring Festival Travel Rush in China. <i>Processes</i> , 2021, 9, 1133.	1.3	5
1881	Emissions Characterization of Volatile Organic Compounds and Health Risk Assessment in Two Fresh Furniture. <i>Journal of Biobased Materials and Bioenergy</i> , 2021, 15, 413-420.	0.1	1
1882	Mould Growth Models and Risk Assessment for Emerging Timber Envelopes in Australia: A Comparative Study. <i>Buildings</i> , 2021, 11, 261.	1.4	9
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1884	Research on environmental comfort and cognitive performance based on EEG+VR+LEC evaluation method in underground space. <i>Building and Environment</i> , 2021, 198, 107886.	3.0	34
1885	Spend time outdoors for your brain – an in-depth longitudinal MRI study. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 201-207.	1.3	12
1886	The interindividual variability of sleep timing and circadian phase in humans is influenced by daytime and evening light conditions. <i>Scientific Reports</i> , 2021, 11, 13709.	1.6	16
1887	Volatile organic compound emissions during HOMEChem. <i>Indoor Air</i> , 2021, 31, 2099-2117.	2.0	48
1888	The dynamic impact of urbanization, structural transformation, and technological innovation on ecological footprint and PM _{2.5} : evidence from newly industrialized countries. <i>Environment, Development and Sustainability</i> , 2022, 24, 4244-4277.	2.7	64
1889	Explaining diurnal patterns of food consumption. <i>Food Quality and Preference</i> , 2021, 91, 104198.	2.3	8
1890	Wearable Devices for Environmental Monitoring in the Built Environment: A Systematic Review. <i>Sensors</i> , 2021, 21, 4727.	2.1	32
1891	Recommendation of indoor luminous environment for occupants using big data analysis based on machine learning. <i>Building and Environment</i> , 2021, 198, 107835.	3.0	16
1892	Designing an Indoor Radon Risk Exposure Indicator (IRREI): An Evaluation Tool for Risk Management and Communication in the IoT Age. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7907.	1.2	13
1893	Emotional distress related to hazards and earthquake risk perception. <i>Natural Hazards</i> , 2021, 109, 2077.	1.6	0
1894	Global air quality change during COVID-19: a synthetic analysis of satellite, reanalysis and ground station data. <i>Environmental Research Letters</i> , 2021, 16, 074052.	2.2	11

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1896	Study of the PTFE multi-tube high efficiency air filter for indoor air purification. <i>Chemical Engineering Research and Design</i> , 2021, 151, 28-38.	2.7	12
1897	Scents in Motion: On the Multiple Uses of Ambient Scents in the Context of Passenger Transport. <i>Frontiers in Psychology</i> , 2021, 12, 702517.	1.1	11
1898	Acute health effects from exposure to indoor ultrafine particles: A randomized controlled crossover study among young mild asthmatics. <i>Indoor Air</i> , 2021, 31, 1993-2007.	2.0	10
1899	The implementation of natural lighting for human health from a planning perspective. <i>Lighting Research and Technology</i> , 2021, 53, 489-513.	1.2	6
1900	Evaluating Indoor Air Chemical Diversity, Indoor-to-Outdoor Emissions, and Surface Reservoirs Using High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2021, 55, 10255-10267.	4.6	14
1901	Multidomain Drivers of Occupant Comfort, Productivity, and Well-Being in Buildings: Insights from an Exploratory and Explanatory Analysis. <i>Journal of Management in Engineering - ASCE</i> , 2021, 37, .	2.6	10
1902	Development and Validation of a Simple Bioaerosol Collection Filter System Using a Conventional Vacuum Cleaner for Sampling. <i>Aerosol Science and Engineering</i> , 2021, 5, 404-418.	1.1	5
1903	Systematic review of the effects of environmental factors on virus inactivation: implications for coronavirus disease 2019. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2865-2878.	1.8	16
1904	An Evaluation Framework for Sustainable Plus Energy Neighbourhoods: Moving Beyond the Traditional Building Energy Assessment. <i>Energies</i> , 2021, 14, 4314.	1.6	30
1905	Health benefits and cost of using air purifiers to reduce exposure to ambient fine particulate pollution in China. <i>Journal of Hazardous Materials</i> , 2021, 414, 125540.	6.5	28
1906	GeleceÄŸi Ä°nÄ°ya Etmek: Konut BinalarÄ±nda GÄ°yün İAŸÄ±ÄŸÄ± ve COVID-19 Ä°zerine Bir DeÄŸerlendirme. <i>Mimarlık Bilimleri Ve UygulamalarÄ± Dergisi (MBUD)</i> , 2021, 6, 374-383.	0.2	3
1907	Contributions of Coagulation, Deposition, and Ventilation to the Removal of Airborne Nanoparticles in Indoor Environments. <i>Environmental Science & Technology</i> , 2021, 55, 9730-9739.	4.6	10
1908	Estimating long-term time-resolved indoor PM _{2.5} of outdoor and indoor origin using easily obtainable inputs. <i>Indoor Air</i> , 2021, 31, 2020-2032.	2.0	4
1909	A review on reducing indoor particulate matter concentrations from personal-level air filtration intervention under real-world exposure situations. <i>Indoor Air</i> , 2021, 31, 1707-1721.	2.0	26
1910	A reinforcement learning approach for control of window behavior to reduce indoor PM _{2.5} concentrations in naturally ventilated buildings. <i>Building and Environment</i> , 2021, 200, 107978.	3.0	14
1911	Measurement of NORM in Building Materials to Assess Radiological Hazards to Human Health and Develop the Standard Guidelines for Residents in Thailand: Case Study in Sand Samples Collected from Seven Northeastern Thailand Provinces. <i>Atmosphere</i> , 2021, 12, 1024.	1.0	1
1912	Passive survivability under extreme heat events: The case of AlDarb Al Ahmar, Cairo. <i>Science and Technology for the Built Environment</i> , 2021, 27, 1144-1163.	0.8	1

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1914	Wildfire smoke impacts on indoor air quality assessed using crowdsourced data in California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	78
1915	Measurement of the key parameters of VOC emissions from wooden furniture, and the impact of temperature. <i>Atmospheric Environment</i> , 2021, 259, 118510.	1.9	35
1916	Exposures to Primary Air Pollutants Generated by Highway Traffic and the Risk of Daily Mortality in Near Road Communities: A Case-Crossover Study. <i>American Journal of Epidemiology</i> , 2021, , .	1.6	3
1917	The climate and health benefits from intensive building energy efficiency improvements. <i>Science Advances</i> , 2021, 7, .	4.7	20
1918	How do we feel? User Perceptions of a Soft Robot Surface for Regulating Human Emotion in Confined Living Spaces. , 2021, , .		5
1919	Sources of Gas-Phase Species in an Art Museum from Comprehensive Real-Time Measurements. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2252-2267.	1.2	7
1920	Residential cooking-related PM2.5: Spatial-temporal variations under various intervention scenarios. <i>Building and Environment</i> , 2021, 201, 108002.	3.0	15
1921	Polybrominated diphenyl ethers from automobile microenvironment: Occurrence, sources, and exposure assessment. <i>Science of the Total Environment</i> , 2021, 781, 146658.	3.9	10
1922	Randomized Clinical Trial of Air Cleaners to Improve Indoor Air Quality and Chronic Obstructive Pulmonary Disease Health: Results of the CLEAN AIR Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 421-430.	2.5	41
1923	Magic Walls. <i>Joule</i> , 2021, 5, 1930-1933.	11.7	1
1924	A systematic approach to estimating the effectiveness of multi-scale IAQ strategies for reducing the risk of airborne infection of SARS-CoV-2. <i>Building and Environment</i> , 2021, 200, 107926.	3.0	79
1925	What Could Explain the Lower COVID-19 Burden in Africa despite Considerable Circulation of the SARS-CoV-2 Virus?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8638.	1.2	54
1926	Biopsychosocial Functions of Human Walking and Adherence to Behaviourally Demanding Belief Systems: A Narrative Review. <i>Frontiers in Psychology</i> , 2021, 12, 654122.	1.1	7
1927	Street Trees for Bicyclists, Pedestrians, and Vehicle Drivers: A Systematic Multimodal Review. <i>Urban Science</i> , 2021, 5, 56.	1.1	8
1928	Attachment of human adenovirus onto household paints. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 204, 111812.	2.5	5
1929	Household indoor microplastics within the Humber region (United Kingdom): Quantification and chemical characterisation of particles present. <i>Atmospheric Environment</i> , 2021, 259, 118512.	1.9	51
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1931	Potentials for Adapting Danish Sustainable Houses to Climate Change: Simulation Study on the Effects of Climate Change in Low-Rise Sustainable Houses. <i>Journal of Architectural Engineering</i> , 2021, 27, 04021030.	0.8	1
1932	Associations between acute exposures to PM _{2.5} and carbon dioxide indoors and cognitive function in office workers: a multicountry longitudinal prospective observational study. <i>Environmental Research Letters</i> , 2021, 16, 094047.	2.2	19
1933	Access to Daylight at Home Improves Circadian Alignment, Sleep, and Mental Health in Healthy Adults: A Crossover Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9980.	1.2	18
1934	Rising Canadian and falling Swedish radon gas exposure as a consequence of 20th to 21st century residential build practices. <i>Scientific Reports</i> , 2021, 11, 17551.	1.6	20
1935	Estimating concentrations for particle and gases in a mechanically ventilated building in Hong Kong: multivariate method and machine learning. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 131-148.	1.5	2
1936	Effective ventilation and air disinfection system for reducing coronavirus disease 2019 (COVID-19) infection risk in office buildings. <i>Sustainable Cities and Society</i> , 2021, 75, 103408.	5.1	78
1937	Sex-difference in air pollution-related acute circulatory and respiratory mortality and hospitalization. <i>Science of the Total Environment</i> , 2022, 806, 150515.	3.9	36
1938	Immersive virtual environments for occupant comfort and adaptive behavior research – A comprehensive review of tools and applications. <i>Building and Environment</i> , 2022, 207, 108396.	3.0	26
1939	Effect of Ozone, Clothing, Temperature, and Humidity on the Total OH Reactivity Emitted from Humans. <i>Environmental Science & Technology</i> , 2021, 55, 13614-13624.	4.6	9
1940	Calibration of silicone for passive sampling of semivolatile organic contaminants in indoor air. <i>Chemosphere</i> , 2021, 279, 130536.	4.2	9
1941	Elemental composition of indoor and outdoor coarse particulate matter at an inner-city high school. <i>Atmospheric Environment</i> , 2021, 261, 118559.	1.9	4
1942	Indoor air pollution exposure is associated with greater morbidity in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2022, 21, e129-e135.	0.3	7
1943	Relationship between the Microbiome and Indoor Temperature/Humidity in a Traditional Japanese House with a Thatched Roof in Kyoto, Japan. <i>Diversity</i> , 2021, 13, 475.	0.7	9
1944	VOC emissions from two-layer building and vehicle cabin materials: Measurements and independent validation. <i>Atmospheric Environment</i> , 2021, 267, 118772.	1.9	10
1945	Health Risks and Benefits Among Surfers After Exposure to Seawater in Monterey Bay, Santa Cruz County, California, United States. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
1946	Scientometric mapping of smart building research: Towards a framework of human-cyber-physical system (HCPS). <i>Automation in Construction</i> , 2021, 129, 103776.	4.8	33
1947	A model for population exposure to PM _{2.5} : Identification of determinants for high population exposure in Seoul. <i>Environmental Pollution</i> , 2021, 285, 117406.	3.7	7
1948	Exploring the feasibility of predicting contaminant transport using a stand-alone Markov chain solver based on measured airflow in enclosed environments. <i>Building and Environment</i> , 2021, 202, 108027.	3.0	5

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1951	A Scoping Review of the Health Benefits of Nature-Based Physical Activity. <i>Journal of Healthy Eating and Active Living</i> , 2021, 1, 142-160.	0.6	5
1952	Reduction of Volatile Organic Compounds (VOCs) Emissions from Laundry Dry-Cleaning by an Integrated Treatment Process of Condensation and Adsorption. <i>Processes</i> , 2021, 9, 1658.	1.3	14
1953	The short-term effect of residential home energy retrofits on indoor air quality and microbial exposure: A case-control study. <i>PLoS ONE</i> , 2021, 16, e0230700.	1.1	2
1954	Climate-adapted, traditional or cottage-garden planting? Public perceptions, values and socio-cultural drivers in a designed garden setting. <i>Urban Forestry and Urban Greening</i> , 2021, 65, 127362.	2.3	7
1955	Personal Interventions for Reducing Exposure and Risk for Outdoor Air Pollution: An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1435-1443.	1.5	19
1956	Feasibility and acceptability of monitoring personal air pollution exposure with sensors for asthma self-management. <i>Asthma Research and Practice</i> , 2021, 7, 13.	1.2	7
1957	Semantic-Linked Data Ontologies for Indoor Navigation System in Response to COVID-19. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 607.	1.4	7
1958	Access to Daylight and Views Improves Physical and Emotional Wellbeing of Office Workers: A Crossover Study. <i>Frontiers in Sustainable Cities</i> , 2021, 3, .	1.2	6
1959	Functionality analysis and natural ventilation of social housing in times of pandemic. <i>Research, Society and Development</i> , 2021, 10, e45101220114.	0.0	0
1960	Optimizing thermal comfort and energy use for learning environments. <i>Energy and Buildings</i> , 2021, 248, 111181.	3.1	16
1961	Effectiveness of indoor air purification intervention in improving cardiovascular health: A systematic review and meta-analysis of randomized controlled trials. <i>Science of the Total Environment</i> , 2021, 789, 147882.	3.9	23
1962	Pollutants emission scenarios for residential ventilation performance assessment. A review. <i>Journal of Building Engineering</i> , 2021, 42, 102488.	1.6	11
1963	Photopic illuminance-based black-box model for regulation of human circadian rhythm via daylight control. <i>Building and Environment</i> , 2021, 203, 108069.	3.0	6
1964	Association between house renovation during pregnancy and wheezing in the first year of life: The Japan environment and children's study. <i>Allergology International</i> , 2021, 70, 439-444.	1.4	4
1965	Pedestrian evacuation simulation in indoor emergency situations: Approaches, models and tools. <i>Safety Science</i> , 2021, 142, 105378.	2.6	25
1966	A hybrid deep transfer learning strategy for thermal comfort prediction in buildings. <i>Building and Environment</i> , 2021, 204, 108133.	3.0	47

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1968	Human exposure to respiratory aerosols in a ventilated room: Effects of ventilation condition, emission mode, and social distancing. <i>Sustainable Cities and Society</i> , 2021, 73, 103090.	5.1	35
1969	Methylsiloxanes in street dust from Hefei, China: Distribution, sources, and human exposure. <i>Environmental Research</i> , 2021, 201, 111513.	3.7	5
1970	Microplastics in the atmospheric compartment: a comprehensive review on methods, results on their occurrence and determining factors. <i>Current Opinion in Food Science</i> , 2021, 41, 159-168.	4.1	50
1971	Assessment of older adults' acceptance of IEQ in nursing homes using both subjective and objective methods. <i>Building and Environment</i> , 2021, 203, 108063.	3.0	11
1972	Experimental and modeling investigations on the adsorption behaviors of indoor volatile organic compounds in an in-situ thermally regenerated adsorption-board module. <i>Building and Environment</i> , 2021, 203, 108065.	3.0	13
1973	Local body skin temperature-driven thermal sensation predictive model for the occupant's optimum productivity. <i>Building and Environment</i> , 2021, 204, 108196.	3.0	25
1974	Biophilic office design: Exploring the impact of a multisensory approach on human well-being. <i>Journal of Environmental Psychology</i> , 2021, 77, 101682.	2.3	31
1975	Enabling non-intrusive occupant activity modeling using WiFi signals and a generative adversarial network. <i>Energy and Buildings</i> , 2021, 249, 111228.	3.1	6
1976	Positive Energy Building Definition with the Framework, Elements and Challenges of the Concept. <i>Energies</i> , 2021, 14, 6260.	1.6	22
1977	Test rooms to study human comfort in buildings: A review of controlled experiments and facilities. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111359.	8.2	32
1978	Classroom microbiome, functional pathways and sick-building syndrome (SBS) in urban and rural schools - Potential roles of indoor microbial amino acids and vitamin metabolites. <i>Science of the Total Environment</i> , 2021, 795, 148879.	3.9	14
1979	Investigation of fungal contamination in urban houses with children in six major Chinese cities: Genus and concentration characteristics. <i>Building and Environment</i> , 2021, 205, 108229.	3.0	7
1980	A comparison of associations with childhood lung function between air pollution exposure assessment methods with and without accounting for time-activity patterns. <i>Environmental Research</i> , 2021, 202, 111710.	3.7	5
1981	Probability mass functions forecasting of occupants' sensation votes under the effects of temperature, illuminance, and sound level based on ANN. <i>Journal of Building Engineering</i> , 2021, 43, 102882.	1.6	2
1982	Development of an assessment methodology for IAQ ventilation performance in residential buildings: An investigation of relevant performance indicators. <i>Journal of Building Engineering</i> , 2021, 43, 103140.	1.6	8
1983	Experimental investigation of standard effective temperature (SET*) adapted for human walking in an indoor and transitional thermal environment. <i>Science of the Total Environment</i> , 2021, 793, 148421.	3.9	15
1984	The association between ambient air pollutants and pancreatic cancer in the Multiethnic Cohort Study. <i>Environmental Research</i> , 2021, 202, 111608.	3.7	8

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1986	Workplace occupant comfort monitoring with a multi-sensory and portable autonomous robot. <i>Building and Environment</i> , 2021, 205, 108194.	3.0	11
1987	Development of an expanded polytetrafluorethylene dosimeter for the passive sampling of volatile organic compounds in air. <i>Science of the Total Environment</i> , 2021, 797, 149026.	3.9	5
1988	Evaluation of housing stock indoor air quality models: A review of data requirements and model performance. <i>Journal of Building Engineering</i> , 2021, 43, 102846.	1.6	6
1989	A low-cost and portable device for measuring spectrum of light source as a stimulus for the human's circadian system. <i>Energy and Buildings</i> , 2021, 252, 111386.	3.1	2
1990	Polybrominated diphenyl ethers and the multi-element profile of house dust in Croatia: Indoor sources, influencing factors of their accumulation and health risk assessment for humans. <i>Science of the Total Environment</i> , 2021, 800, 149430.	3.9	11
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