

# Naoki Kagi

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,218  
citations

471061

17  
h-index

395343

33  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of low-level inhalation exposure to carbon dioxide in indoor environments: A short review on human health and psychomotor performance. <i>Environment International</i> , 2018, 121, 51-56.	4.8	211
2	Environmental factors involved in SARS-CoV-2 transmission: effect and role of indoor environmental quality in the strategy for COVID-19 infection control. <i>Environmental Health and Preventive Medicine</i> , 2020, 25, 66.	1.4	148
3	Indoor air quality for chemical and ultrafine particle contaminants from printers. <i>Building and Environment</i> , 2007, 42, 1949-1954.	3.0	132
4	Impact of climate and ambient air pollution on the epidemic growth during COVID-19 outbreak in Japan. <i>Environmental Research</i> , 2020, 190, 110042.	3.7	97
5	Prevalence and risk factors associated with nonspecific building-related symptoms in office employees in Japan: relationships between work environment, Indoor Air Quality, and occupational stress. <i>Indoor Air</i> , 2015, 25, 499-511.	2.0	65
6	Physicochemical risk factors for building-related symptoms in air-conditioned office buildings: Ambient particles and combined exposure to indoor air pollutants. <i>Science of the Total Environment</i> , 2018, 616-617, 1649-1655.	3.9	46
7	Effects of water-damaged homes after flooding: health status of the residents and the environmental risk factors. <i>International Journal of Environmental Health Research</i> , 2014, 24, 158-175.	1.3	45
8	Evaluating prevalence and risk factors of building-related symptoms among office workers: Seasonal characteristics of symptoms and psychosocial and physical environmental factors. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 38.	1.4	41
9	Indoor environmental conditions in urban and rural homes with older people during heating season: A case in cold region, China. <i>Energy and Buildings</i> , 2018, 167, 334-346.	3.1	38
10	Effects on air pollutant removal by plant absorption and adsorption. <i>Building and Environment</i> , 2005, 40, 105-112.	3.0	32
11	Primary pollutants in schoolchildren's homes in Wuhan, China. <i>Building and Environment</i> , 2015, 93, 41-53.	3.0	30
12	Survey of air exchange rates and evaluation of airborne infection risk of COVID-19 on commuter trains. <i>Environment International</i> , 2021, 157, 106774.	4.8	28
13	Indoor air quality and thermal comfort in temporary houses occupied after the Great East Japan Earthquake. <i>Indoor Air</i> , 2014, 24, 425-437.	2.0	25
14	Common SVOCs in house dust from urban dwellings with schoolchildren in six typical cities of China and associated non-dietary exposure and health risk assessment. <i>Environment International</i> , 2018, 120, 431-442.	4.8	25
15	Work productivity in the office and at home during the COVID-19 pandemic: A cross-sectional analysis of office workers in Japan. <i>Indoor Air</i> , 2022, 32, .	2.0	24
16	Thermal and environmental conditions in Shanghai households: Risk factors for childhood health. <i>Building and Environment</i> , 2016, 104, 35-46.	3.0	22
17	Environmental conditions in homes with healthy and unhealthy schoolchildren in Beijing, China. <i>Building and Environment</i> , 2017, 112, 270-284.	3.0	19
18	Winter indoor environment of elderly households: A case of rural regions in northeast and southeast China. <i>Building and Environment</i> , 2019, 165, 106388.	3.0	19

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19	Measures against COVID-19 concerning Summer Indoor Environment in Japan. Japan Architectural Review, 2020, 3, 423-434.	0.4	16
20	Indoor environmental problems and health status in water-damaged homes due to tsunami disaster in Japan. Building and Environment, 2015, 93, 24-34.	3.0	13
21	Field Survey on the Relation between IAQ and Occupants' Health in 40 Houses in Southern Taiwan. Journal of Asian Architecture and Building Engineering, 2011, 10, 249-256.	1.2	12
22	Field study on indoor health risk factors in households with schoolchildren in south-central China. Building and Environment, 2017, 117, 260-273.	3.0	10
23	Operation of air-conditioning and sanitary equipment for SARS-CoV-2 infectious disease control. Japan Architectural Review, 2021, 4, 608-620.	0.4	10
24	Investigation of Microclimate and Air Pollution in the Classrooms of a Primary School in Wuhan. Procedia Engineering, 2015, 121, 415-422.	1.2	9
25	Air exchange rates and advection-diffusion of CO <sub>2</sub> and aerosols in a route bus for evaluation of infection risk. Indoor Air, 2022, 32, e13019.	2.0	9
26	SURVEY ON INDOOR AIRBORNE PARTICLE AND PM2.5 IN OFFICE BUILDINGS. AIJ Journal of Technology and Design, 2012, 18, 613-616.	0.1	7
27	Study of the different Cutoff Point of the QEESI Questionnaire as a Screening Tool for Sick Building Syndrome Diagnosis in Taiwan. Journal of Asian Architecture and Building Engineering, 2014, 13, 507-513.	1.2	7
28	Investigation of fungal contamination in urban houses with children in six major Chinese cities: Genus and concentration characteristics. Building and Environment, 2021, 205, 108229.	3.0	7
29	Concentration characteristics of gaseous carbonyl compounds in urban houses in two different climatic zones of China and health risk assessment for schoolchildren. Sustainable Cities and Society, 2020, 60, 102270.	5.1	7
30	「環境問題の解決に向けた取り組み」. Journal of Environmental Engineering (Japan), 2019, 143, 1-6.	0.1	6
31	Microbial volatile organic compounds and dampness in 60 houses of East Japan. Building and Environment, 2018, 132, 338-344.	3.0	6
32	Indoor environment in children's dwellings in Dalian and Beijing, China. Science and Technology for the Built Environment, 2019, 25, 373-386.	0.8	4
33	ASSOCIATION BETWEEN ENVIRONMENTAL FACTORS AND OCCUPANT HEALTH IN TEMPORARY HOUSING BUILT AFTER THE GREAT EAST JAPAN EARTHQUAKE OF 2011: QUESTIONNAIRE SURVEY IN SENDAI AREA. Journal of Environmental Engineering (Japan), 2017, 82, 967-975.	0.1	4
34	SURVEY OF INDOOR AIR QUALITY BY MEASURING VOLATILE ORGANIC COMPOUNDS. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 1997, 62, 65-70.	0.1	4
35	A STUDY ON INDOOR AIR ENVIRONMENT OF TEMPORARY HOUSES AFTER THE GREAT EAST JAPAN CALAMITY. Journal of Environmental Engineering (Japan), 2013, 78, 917-921.	0.1	3
36	INDOOR FUNGUS CONTAMINATION IN TEMPORARY HOUSES IN SENDAI CITY. AIJ Journal of Technology and Design, 2016, 22, 615-620.	0.1	3

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37	Study on the mechanism of SVOC adsorption onto airborne particles in indoor air. Japan Architectural Review, 2018, 1, 528-537.	0.4	3
38	Secondary organic aerosol formation from p-dichlorobenzene under indoor environmental conditions. Building and Environment, 2020, 174, 106758.	3.0	3
39	FIELD INVESTIGATION ON INDOOR CHEMICAL POLLUTION IN TEMPORARY HOUSES IN SENDAI CITY. Journal of Environmental Engineering (Japan), 2016, 81, 979-985.	0.1	3
40	BASIC STUDY ON MECHANISM OF SVOC ADSORPTION ONTO AIRBORNE PARTICLES IN INDOOR AIR. Journal of Environmental Engineering (Japan), 2017, 82, 663-672.	0.1	3
41	A Study on Indoor Air Contaminants Related to Pets in Japanese Dwellings. Journal of Asian Architecture and Building Engineering, 2006, 5, 355-360.	1.2	2
42	RESEARCH ON THE BEHAVIOR AND CONTROL OF MICROBIAL CONTAMINATION IN AN AIR CONDITIONING SYSTEM. Journal of Environmental Engineering (Japan), 2008, 73, 1197-1200.	0.1	2
43	EXPERIMENT FOR MOISTURE CONDITION AFTER FLOODING IN A CRAWL SPACE USING TEST HOUSE. AIJ Journal of Technology and Design, 2015, 21, 1117-1120.	0.1	2
44	EVALUATION OF INFLUENCE OF RESIDENCE TIME AND SPECIFIC SURFACE AREA OF AIRBORNE PARTICLES IN INDOOR AIR ON DEHP ADSORPTION AND PREDICTION MODELING. Journal of Environmental Engineering (Japan), 2018, 83, 761-768.	0.1	2
45	INFLUENCE OF MOISTURE AGAINST GASEOUS ORGANIC COMPOUNDS EMITTED FROM BUILDING MATERIAL. Journal of Environmental Engineering (Japan), 2003, 68, 41-45.	0.1	2
46	AN ANALYSIS ON THE NONCONFORMITY RATES OF AIR ENVIRONMENT IN SPECIFIC BUILDINGS. Journal of Environmental Engineering (Japan), 2019, 84, 1011-1018.	0.1	2
47	THE ACTUAL CONDITION ELUCIDATION OF MICROBIOME IN A COOL OR HEAT PIT PART1: COMPARISON OF BACTERIAL FLORA BETWEEN INDOOR ENVIRONMENTS AND THE ENVIRONMENT IN A PIT. Journal of Environmental Engineering (Japan), 2020, 85, 259-266.	0.1	2
48	Indoor thermal environment during heating season and the health of elderly in China. Science and Technology for the Built Environment, 2022, 28, 843-863.	0.8	2
49	FIELD MEASUREMENT OF VOLATILE ORGANIC COMPOUNDS IN OFFICE BUILDINGS BY PASSIVE SAMPLING AND INVESTIGATION FOR ITS SOURCE. Journal of Environmental Engineering (Japan), 2009, 74, 501-506.	0.1	1
50	DEHP ADSORPTION CHARACTERISTICS AND PREDICTIVE MODELING ONTO SETTLED DUST IN INDOOR ENVIRONMENTS. Journal of Environmental Engineering (Japan), 2021, 86, 167-174.	0.1	1
51	INVESTIGATION INTO INDOOR ENVIRONMENTS AND HOME DAMPNES. Journal of Environmental Engineering (Japan), 2021, 86, 197-204.	0.1	1
52	EMISSION CHARACTERISTICS OF VOLATILE ORGANIC COMPOUNDS BY USING PARAMETER OF INTERNAL DIFFUSION AND MOISTURE WITHIN BUILDING MATERIALS. Journal of Environmental Engineering (Japan), 2004, 69, 25-30.	0.1	1
53	NATIONAL SURVEY ON HOME DAMPNES AND CHILDREN ALLERGIC SYMPTOMS DURING CONSECUTIVE SURVEY PERIODS IN JAPAN. Journal of Environmental Engineering (Japan), 2018, 83, 1025-1032.	0.1	1
54	BASIC STUDY ON AIRBORNE ENDOTOXIN AND BACTERIAL CONCENTRATIONS. Journal of Environmental Engineering (Japan), 2018, 83, 581-588.	0.1	1

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55	SURVEY ON THE PRECISION OF INDOOR AIR QUALITY ANALYTICAL METHODS USING DNPH CARTRIDGE. <i>AJ Journal of Technology and Design</i> , 2009, 15, 163-166.	0.1	0
56	ADSORPTION OF IONIC COMPOUNDS UNDER AN APPLIED ELECTRIC FIELD IN INDOOR ENVIRONMENTS. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 347-352.	0.1	0
57	PROPOSAL OF THE SAMPLING METHODS FOR IONIC COMPOUNDS USING NON-EQUILIBRIUM SURFACE ADSORPTION BASED ON THE NEW PRINCIPLE. <i>Journal of Environmental Engineering (Japan)</i> , 2010, 75, 197-203.	0.1	0
58	RESEARCH ON THE BEHAVIOR AND CONTROL OF MICROBIAL CONTAMINATION IN AN AIR CONDITIONING SYSTEM. <i>Journal of Environmental Engineering (Japan)</i> , 2010, 75, 721-726.	0.1	0
59	DIFFERENCE OF INDOOR AIR QUALITY WITH VARIOUS SCALES OF OFFICE BUILDINGS. <i>Journal of Environmental Engineering (Japan)</i> , 2011, 76, 43-48.	0.1	0
60	THE VALUATION METHOD OF THE MOULD MULTIPLICATION CHARACTERISTICS ON WOODEN MATERIAL. <i>Journal of Environmental Engineering (Japan)</i> , 2013, 78, 589-593.	0.1	0
61	Optical measurement method for particles on printed substrate by light-scattering. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
62	FIELD INVESTIGATION ON INDOOR AIR ENVIRONMENT OF TEMPORARY HOUSES IN ASO, KUMAMOTO. <i>Journal of Environmental Engineering (Japan)</i> , 2016, 81, 319-326.	0.1	0
63	Study on Association between Cardiovascular Disease and Old People's Living Environment in Rural Shanghai in Winter. <i>Procedia Engineering</i> , 2017, 205, 2847-2854.	1.2	0
64	Field measurement of PM2.5 concentration in office buildings. <i>E3S Web of Conferences</i> , 2019, 111, 06064.	0.2	0
65	ULTRAFINE PARTICLE COLLECTION CHARACTERISTICS OF AIR-HANDLING UNIT AND AIR FILTER FOR BUILDING. <i>Journal of Environmental Engineering (Japan)</i> , 2019, 84, 65-71.	0.1	0
66	Surface Corrosion of HDD Media and Subsidiary Particle Formation Due to SO2 Gas Adsorption. <i>Journal of the IEST</i> , 2007, 50, 38-51.	0.2	0
67	Abatement of VOCs by Atomizing Acrylamide Polyampholyte (APA) Solution using Spray Nozzles. <i>Kagaku Kogaku Ronbunshu</i> , 2014, 40, 306-312.	0.1	0
68	ASSESSMENT OF ENVIRONMENTAL FACTORS RELATED TO CEREBROVASCULAR DISEASE MORTALITY IN CHINA. <i>AJ Journal of Technology and Design</i> , 2018, 24, 285-288.	0.1	0
69	EMISSION MECHANISMS OF VOC WITH GROWTH PROCESS OF FUNGUS AND EMISSION FROM HUMIDIFIER ELEMENT. <i>Journal of Environmental Engineering (Japan)</i> , 2019, 84, 1003-1010.	0.1	0
70	EXPERIMENTAL STUDY FOR 2-ETHYL-1-HEXANOL EMISSION CHARACTERISTICS FROM FLOORING MATERIALS ON VARIOUS HUMIDITY CONDITIONS. <i>Journal of Environmental Engineering (Japan)</i> , 2020, 85, 811-817.	0.1	0