

研究成果の刊行に関する一覧表

書籍

著者氏名	論文タイトル名	書籍全体の 編集者名	書籍名	出版社名	出版地	出版年	ページ
酒井 信夫	環境化学物質 室内濃度指針値	レギュラトリー サイエンス研究会	実例から学ぶ レギュラトリー サイエンス	株式会社 じほう	東京	2025	194- 197
東 賢一	第1章 環境汚染と健康 影響の基礎 第4章 環境汚染の評価 と対策 第6章 予防原則	東 賢一 水越 厚史	事例で読み解 く 環境汚染 と健康リスク —大気汚染か ら気候変動, マイクロプラ スチックまで —	朝倉書店	東京	2025	192

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
田原 麻衣子, 大貫 文, 角田 徳子, 大泉 詩織, 千葉 真弘, 酒井 信夫, 五十嵐 良明.	室内空气中VOCおよび フタル酸エステル類の 分析におけるカーボン系 捕集管の適用性	室内環境	28	7-16	2025
Tahara M, Chiba M, Oizumi S, Onuki A, Saito I, Tanaka R, Yamanouchi T, Sakai S.	Validation study for establishing a standard test method for volatile organic compounds in indoor air in Japan using thermal desorption	BPB Reports	8	38-42	2025
Onuki A, Tahara M, Sakai S, Takagi M, Tanaka R, Muraki S, Saito I, Chiba M, Oizumi S, Ohno H, Wakayama T, Jinno H.	Validation study to establish a standard test method for phthalate in indoor air in Japan using thermal desorption	BPB Reports	8	138-142	2025
Yoshitomi T, Nishi I, Nakano F, Uemura H, Tahara M, Sakai S.	Occurrence of benzotriazole- based UV absorbers in Japanese household dust	BPB Reports	9	8-14	2026

Muta R, Ishizuka C, Li C, Yoo SJ, Ito K.	A numerical simulation- based reproducibility investigation and visualization of NSF/ANSI 49 safety performance testing of biological safety cabinets	Building and Environment	270	112498	2025
Khoa ND, Nita K, Kuga K, Ito K.	Oral configuration- dependent variability of the metrics of exhaled respiratory droplets during a consecutive coughing event	Computer Methods and Programs in Biomedicine	261	108601	2025
Fernandez KB, Itokazu R, Ito K.	Occupant-centric multicriteria optimization of hybrid personalized HVAC system: Impact of supply inlet layout and returning airflow rate	Energy and Buildings	333	115494	2025
Kuga K, Zhu J, Wargocki P, Ito K.	The effects of air temperature and background CO ₂ concentration on human metabolic CO ₂ emissions	Building and Environment	276	112857	2025
Ruth O, Kuga K, Yanagi U, Wargocki P, Ito K.	Modeling of inhalation exposure to transmitted droplets at different interpersonal distances and postures in indoor environments	Indoor Environments	2	100091	2025
Itokazu R, Kabanshi A, Kuga K, Ikegaya N, Ito K.	Exploring ventilation efficiency through scalar transport equations with existing and new CFD-based indices	Building and Environment	277	112942	2025

Wang X, Gomyo T, Sotokawa H, Ito K.	Energy saving effects of integrated implementation of a multi-layered heat exchange duct and energy recovery ventilation system	Energy and Buildings	337	115679	2025
Ruth O, Kuga K, Ito K.	Subjective and objective measurement of Indoor Environmental Quality and occupant comfort in a multinational graduate student office	Environments	12 (4)	117	2025
Abouelhamda IMS, Kuga K, Saito K, Takai M, Kikuchi T, Ito K.	Experimental and computational predictions of odorant transport dynamics from indoor environment to olfactory tissue	Sustainable Cities and Society	126	106397	2025
Park HG, Yoo SJ, Sumiyoshi E, Harashima H, Kuga K, Ito K.	Skin surface boundary conditions for dermal exposure assessment using computer simulated person	Building and Environment	281	113188	2025
Khoa ND, Kuga K, Ito K.	Comprehensive integration framework of CFD – Local and Whole-Body hybrid PBPK in indoor chemical exposure modeling: An inhalation exposure study	Sustainable Cities and Society	128	106463	2025
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Suda Y, Kuga K, Khoa ND, Ito K.	Computational fluid-particle dynamics method in predicting the particle aspiration and deposition in the comprehensive monkey respiratory tract	Computers in Biology and Medicine	196	110664	2025
Dong Q, Kuga K, Khoa MD, Ito K.	In silico determination of temporal viral load in the saliva and exhaled droplets from the oral cavity	Computers in Biology and Medicine	196	110692	2025
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Chung J, Wang X, Sotokawa H, Yoo SJ, Ito K.	Locally alternating layout of heat exchange and adiabatic surfaces to improve heat exchange efficiency in duct	International Journal of Ventilation	25	1-27	2025
Abouelhamd IMS, Kuga K, Mansuy T, Ito K.	Respiratory retention of 35 toxicants from E-Cigarette gaseous emissions: Comprehensive numerical study	Building and Environment	285	113663	2025
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Watai K, Taniguchi M, Azuma K.	The gut-brain-immune axis in environmental sensitivity illnesses: Microbiome-centered review of fibromyalgia syndrome, myalgic encephalomyelitis/chronic fatigue syndrome, and multiple chemical sensitivity	International Journal of Molecular Sciences	26	9997	2025

<p>Oshima N, Uchiyama N, Sakai S.</p>	<p>Comparison of helium– alternative carrier gases for thermal desorption–gas chromatography–mass spectrometry of official test methods for indoor air quality guidelines in Japan</p>	<p>BPB Reports</p>	<p>9</p>	<p>15-18</p>	<p>2026</p>
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