

CITATION REPORT

List of articles citing

Ozone reaction with human surfaces: Influences of surface reaction probability and indoor air flow condition

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#	Paper	IF	Citations
27	Understanding the Spatial Heterogeneity of Indoor OH and HO due to Photolysis of HONO Using Computational Fluid Dynamics Simulation. <i>Environmental Science & Technology</i> , 2019 , 53, 14470-14478	10.3	15
26	Indoor ozone/human chemistry and ventilation strategies. <i>Indoor Air</i> , 2019 , 29, 913-925	5.4	27
25	Investigation of the PM, NO and O I/O ratios for office and school microenvironments. <i>Environmental Research</i> , 2019 , 179, 108791	7.9	13
24	Effect of sensor position on the performance of CO ₂ -based demand controlled ventilation. <i>Energy and Buildings</i> , 2019 , 202, 109358	7	12
23	Indoor air pollution in office buildings in mega-cities: Effects of filtration efficiency and outdoor air ventilation rates. <i>Sustainable Cities and Society</i> , 2019 , 49, 101609	10.1	27
22	The impact of clothing on ozone and squalene ozonolysis products in indoor environments. <i>Communications Chemistry</i> , 2019 , 2,	6.3	38
21	Modeling the Time-Dependent Concentrations of Primary and Secondary Reaction Products of Ozone with Squalene in a University Classroom. <i>Environmental Science & Technology</i> , 2019 , 53, 8262-8270	10.3	23
20	Modelling consortium for chemistry of indoor environments (MOCCIE): integrating chemical processes from molecular to room scales. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 1240-1254	4.25	22
19	Clothing-Mediated Exposures to Chemicals and Particles. <i>Environmental Science & Technology</i> , 2019 , 53, 5559-5575	10.3	48
18	Measurement of ozone deposition velocity onto human surfaces of Chinese residents and estimation of corresponding production of oxidation products. <i>Environmental Pollution</i> , 2020 , 266, 115215	9.3	7
17	A one-pot synthesis of a monolithic CuO/Cu catalyst for efficient ozone decomposition.. <i>RSC Advances</i> , 2020 , 10, 40916-40922	3.7	4
16	Spatial distributions of ozonolysis products from human surfaces in ventilated rooms. <i>Indoor Air</i> , 2020 , 30, 1229-1240	5.4	13
15	Ozone Deposition on Free-Running Indoor Materials and the Corresponding Volatile Organic Compound Emissions: Implications for Ventilation Requirements. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4146	2.6	1
14	Quality control of computational fluid dynamics (CFD) model of ozone reaction with human surface: Effects of mesh size and turbulence model. <i>Building and Environment</i> , 2021 , 189, 107513	6.5	6
13	Yields and Variability of Ozone Reaction Products from Human Skin. <i>Environmental Science & Technology</i> , 2021 , 55, 179-187	10.3	11
12	Controlled adjustments of indoor microclimate parameters for building energy demand management. <i>Energy Reports</i> , 2021 , 7, 216-224	4.6	1
11	Effect of Ozone, Clothing, Temperature, and Humidity on the Total OH Reactivity Emitted from Humans. <i>Environmental Science & Technology</i> , 2021 , 55, 13614-13624	10.3	3

10	Accumulation of polychlorinated biphenyls in fabrics in a contaminated building, and the effect of laundering. <i>Indoor Air</i> , 2021 ,	5.4	0
9	A review of microbial and chemical assessment of indoor surfaces. <i>Applied Spectroscopy Reviews</i> , 1-73	4.5	0
8	Volatile products generated from reactions between ozone and human skin lipids: A modelling estimation. <i>Building and Environment</i> , 2022 , 109068	6.5	2
7	Reactions and Products of Squalene and Ozone: A Review. <i>Environmental Science & Technology</i> ,	10.3	3
6	Understanding Ozone Transport and Deposition within Indoor Surface Boundary Layers. <i>Environmental Science & Technology</i> , 2022 , 56, 7820-7829	10.3	1
5	Characteristics of indoor ozone pollution in residential buildings based on outdoor air pollution. 2022 , 356, 05033		0
4	The human oxidation field. 2022 , 377, 1071-1077		4
3	Quantifying the impact of relative humidity on human exposure to gas phase squalene ozonolysis products.		0
2	A model to evaluate ozone distribution and reaction byproducts in aircraft cabin environments. 2022 , 32,		0
1	Human skin oil: a major ozone reactant indoors. 2023 , 3, 640-661		0