

Minki Sung

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

496
citations

9
h-index

22
g-index

27
ext. papers

624
ext. citations

5
avg, IF

4.26
L-index

#	Paper	IF	Citations
27	COVID-19 Cluster Linked to Aerosol Transmission of SARS-CoV-2 via Floor Drains.. <i>Journal of Infectious Diseases</i> , 2022 ,	7	1
26	Inactivation of airborne microbial contaminants by a heat-pump-driven liquid-desiccant air-conditioning system. <i>Journal of Building Engineering</i> , 2022 , 50, 104157	5.2	
25	Analysis of Infection Transmission Routes through Exhaled Breath and Cough Particle Dispersion in a General Hospital.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	1
24	Cloud-based lighting control systems: Fatigue analysis and recommended luminous environments. <i>Building and Environment</i> , 2022 , 214, 108947	6.5	1
23	Recommendation of indoor luminous environment for occupants using big data analysis based on machine learning. <i>Building and Environment</i> , 2021 , 198, 107835	6.5	3
22	Nosocomial Outbreak of COVID-19 in a Hematologic Ward. <i>Infection and Chemotherapy</i> , 2021 , 53, 332-341	3.9	5
21	Sterilization effectiveness of in-duct ultraviolet germicidal irradiation system in liquid desiccant and indirect/direct evaporative cooling-assisted 100% outdoor air system. <i>Building and Environment</i> , 2020 , 186, 107350	6.5	5
20	Platform design for lifelog-based smart lighting control. <i>Building and Environment</i> , 2020 , 185, 107267	6.5	9
19	Effectiveness of surgical, KF94, and N95 respirator masks in blocking SARS-CoV-2: a controlled comparison in 7 patients. <i>Infectious Diseases</i> , 2020 , 52, 908-912	3.1	24
18	Drive-Through Screening Center for COVID-19: a Safe and Efficient Screening System against Massive Community Outbreak. <i>Journal of Korean Medical Science</i> , 2020 , 35, e123	4.7	143
17	Design of a Connected Security Lighting System for Pedestrian Safety in Smart Cities. <i>Sustainability</i> , 2019 , 11, 1308	3.6	7
16	Airflow analysis of Pyeongtaek St Mary's Hospital during hospitalization of the first Middle East respiratory syndrome patient in Korea. <i>Royal Society Open Science</i> , 2019 , 6, 181164	3.3	10
15	Airflow as a Possible Transmission Route of Middle East Respiratory Syndrome at an Initial Outbreak Hospital in Korea. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	9
14	Development of a Dimming Lighting Control System Using General Illumination and Location-Awareness Technology. <i>Energies</i> , 2018 , 11, 2999	3.1	9
13	Impact of an Ultraviolet Reactor on the Improvement of Air Quality Leaving a Direct Evaporative Cooler. <i>Sustainability</i> , 2018 , 10, 1123	3.6	2
12	Evaluation of UR-UVGI System for Sterilization Effect on Microorganism Contamination in Negative Pressure Isolation Ward. <i>Sustainability</i> , 2018 , 10, 3192	3.6	8
11	Accuracy evaluation of a calculation tool based on the spectral colour property of indoor luminous environments. <i>Building and Environment</i> , 2018 , 139, 157-169	6.5	6

10	Evaluation of the visibility of colored objects under led lighting with various correlated color temperatures. <i>Color Research and Application</i> , 2017 , 42, 78-88	1.3	7
9	Empirical analysis of indoor air quality enhancement potential in a liquid-desiccant assisted air conditioning system. <i>Building and Environment</i> , 2017 , 121, 11-25	6.5	19
8	Reply to Kerkhove et al and Oh. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1143-4	11.6	
7	Extensive Viable Middle East Respiratory Syndrome (MERS) Coronavirus Contamination in Air and Surrounding Environment in MERS Isolation Wards. <i>Clinical Infectious Diseases</i> , 2016 , 63, 363-9	11.6	150
6	Simulation and perceptual evaluation of fashion shop lighting design with application of exhibition lighting techniques. <i>Building Simulation</i> , 2016 , 9, 641-658	3.9	7
5	Epidemiologic features of the first MERS outbreak in Korea: focus on Pyeongtaek St. Mary's Hospital. <i>Epidemiology and Health</i> , 2015 , 37, e2015041	5.6	36
4	Development of a Fungal Biosensor for Field Verifying the Surface Disinfection of Ultraviolet Germicidal Irradiation Systems for Air Handling Units. <i>Indoor and Built Environment</i> , 2012 , 21, 273-281	1.8	2
3	Disinfection performance of ultraviolet germicidal irradiation systems for the microbial contamination on an evaporative humidifier. <i>HVAC and R Research</i> , 2011 , 17, 22-30		12
2	Estimating the germicidal effect of upper-room UVGI system on exhaled air of patients based on ventilation efficiency. <i>Building and Environment</i> , 2011 , 46, 2326-2332	6.5	19
1	EVALUATION OF SURFACE AND AIR DISINFECTION EFFECTS USING UV RADIATION SIMULATION. <i>Journal of Environmental Engineering (Japan)</i> , 2009 , 74, 1137-1143	0.3	1