

Minki Sung

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

766
citations

758635

12
h-index

552369

26
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27
all docs

27
docs citations

27
times ranked

1372
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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, 363-369. | 2.9 | 209 |
| 2 | 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. | 1.1 | 184 |
| 3 | 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. | 1.4 | 49 |
| 4 | Epidemiologic features of the first MERS outbreak in Korea: focus on Pyeongtaek St. Mary's Hospital. <i>Epidemiology and Health</i> , 2015, 37, e2015041. | 0.8 | 39 |
| 5 | 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. | 3.0 | 29 |
| 6 | 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. | 3.0 | 28 |
| 7 | Platform design for lifelog-based smart lighting control. <i>Building and Environment</i> , 2020, 185, 107267. | 3.0 | 21 |
| 8 | Nosocomial Outbreak of COVID-19 in a Hematologic Ward. <i>Infection and Chemotherapy</i> , 2021, 53, 332. | 1.0 | 19 |
| 9 | 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. | 0.9 | 18 |
| 10 | Design of a Connected Security Lighting System for Pedestrian Safety in Smart Cities. <i>Sustainability</i> , 2019, 11, 1308. | 1.6 | 17 |
| 11 | COVID-19 Cluster Linked to Aerosol Transmission of SARS-CoV-2 via Floor Drains. <i>Journal of Infectious Diseases</i> , 2022, 225, 1554-1560. | 1.9 | 17 |
| 12 | 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. | 1.1 | 16 |
| 13 | 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 |
| 14 | 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, 2757. | 1.2 | 15 |
| 15 | Evaluation of UR-UVGI System for Sterilization Effect on Microorganism Contamination in Negative Pressure Isolation Ward. <i>Sustainability</i> , 2018, 10, 3192. | 1.6 | 14 |
| 16 | Cloud-based lighting control systems: Fatigue analysis and recommended luminous environments. <i>Building and Environment</i> , 2022, 214, 108947. | 3.0 | 14 |
| 17 | Development of a Dimming Lighting Control System Using General Illumination and Location-Awareness Technology. <i>Energies</i> , 2018, 11, 2999. | 1.6 | 11 |
| 18 | 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. | 3.0 | 11 |

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|----|--|-----|-----------|
| 19 | Simulation and perceptual evaluation of fashion shop lighting design with application of exhibition lighting techniques. <i>Building Simulation</i> , 2016, 9, 641-658. | 3.0 | 9 |
| 20 | 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. | 0.8 | 8 |
| 21 | 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. | 3.0 | 7 |
| 22 | 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, 2512. | 1.2 | 6 |
| 23 | 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. | 1.5 | 3 |
| 24 | Impact of an Ultraviolet Reactor on the Improvement of Air Quality Leaving a Direct Evaporative Cooler. <i>Sustainability</i> , 2018, 10, 1123. | 1.6 | 3 |
| 25 | EVALUATION OF SURFACE AND AIR DISINFECTION EFFECTS USING UV RADIATION SIMULATION. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 1137-1143. | 0.1 | 2 |
| 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. | 1.6 | 1 |
| 27 | Reply to Kerkhove et al and Oh. <i>Clinical Infectious Diseases</i> , 2016, 63, 1143-1144. | 2.9 | 0 |