

Pengcheng Zhao

List of Publications by Year in descending order

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16
papers

372
citations

840119

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docs citations

16
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of network structure on contaminant spreading efficiency. <i>Journal of Hazardous Materials</i> , 2022, 424, 127511.	6.5	3
2	Spread of SARS-CoV-2 aerosols via two connected drainage stacks in a high-rise housing outbreak of COVID-19. <i>Journal of Hazardous Materials</i> , 2022, 430, 128475.	6.5	18
3	Effects of Human Behavior Changes During the Coronavirus Disease 2019 (COVID-19) Pandemic on Influenza Spread in Hong Kong. <i>Clinical Infectious Diseases</i> , 2021, 73, e1142-e1150.	2.9	48
4	Real human surface touch behavior based quantitative analysis on infection spread via fomite route in an office. <i>Building and Environment</i> , 2021, 191, 107578.	3.0	18
5	Changes in local travel behaviour before and during the COVID-19 pandemic in Hong Kong. <i>Cities</i> , 2021, 112, 103139.	2.7	111
6	Analysis of efficacy of intervention strategies for COVID-19 transmission: A case study of Hong Kong. <i>Environment International</i> , 2021, 156, 106723.	4.8	21
7	Weakening personal protective behavior by Chinese university students after COVID-19 vaccination. <i>Building and Environment</i> , 2021, 206, 108367.	3.0	24
8	Modeling and Experimental Validation of Microbial Transfer via Surface Touch. <i>Environmental Science & Technology</i> , 2021, 55, 4148-4161.	4.6	14
9	Correlation between the normal position of a particle on a rough surface and the van der Waals force. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124096.	2.3	9
10	A Comparison of Infection Venues of COVID-19 Case Clusters in Northeast China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3955.	1.2	11
11	The dynamic fomite transmission of Methicillin-resistant <i>Staphylococcus aureus</i> in hospitals and the possible improved intervention methods. <i>Building and Environment</i> , 2019, 161, 106246.	3.0	20
12	New sequential touch method to determine bacterial contact transfer rate from finger to surface. <i>Journal of Applied Microbiology</i> , 2019, 127, 605-615.	1.4	11
13	Physical factors that affect microbial transfer during surface touch. <i>Building and Environment</i> , 2019, 158, 28-38.	3.0	29
14	Increased infection severity in downstream cities in infectious disease transmission and tourists surveillance analysis. <i>Journal of Theoretical Biology</i> , 2019, 470, 20-29.	0.8	9
15	Characterizing dynamic transmission of contaminants on a surface touch network. <i>Building and Environment</i> , 2018, 129, 107-116.	3.0	15
16	Equilibrium of particle distribution on surfaces due to touch. <i>Building and Environment</i> , 2018, 143, 461-472.	3.0	11