Xingwang Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6699853/publications.pdf

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13	345	1039406	1125271
papers	citations	9	13
		h-index	g-index

13	13	13	162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of airborne particle exposure for riding elevators. Building and Environment, 2022, 207, 108543.	3.0	31
2	Inverse regulation of the indoor environment: An overview of the adjoint method. Energy and Buildings, 2022, 259, 111907.	3.1	11
3	A novel drift eliminator enhanced by Voronoi-based porous foam applied to liquid desiccant system: Separation performance and preliminary design. Building and Environment, 2022, 216, 108996.	3.0	7
4	Airborne transmission of COVIDâ€19 virus in enclosed spaces: An overview of research methods. Indoor Air, 2022, 32, .	2.0	57
5	Inverse design of the thermal environment in an airplane cockpit using the adjoint method with the momentum method. Indoor Air, 2021, 31, 1614-1624.	2.0	7
6	Effective ventilation and air disinfection system for reducing coronavirus disease 2019 (COVID-19) infection risk in office buildings. Sustainable Cities and Society, 2021, 75, 103408.	5.1	78
7	Inverse design of indoor radiant terminal using the particle swarm optimization method with topology concept. Building and Environment, 2021, 204, 108117.	3.0	8
8	Inverse design of an indoor environment using a filterâ€based topology method with experimental verification. Indoor Air, 2020, 30, 1039-1051.	2.0	11
9	Inverse design of indoor environment using an adjoint <scp>RNG</scp> kâ€Îµ turbulence model. Indoor Air, 2019, 29, 320-330.	2.0	21
10	An innovative personalized displacement ventilation system for airliner cabins. Building and Environment, 2018, 137, 41-50.	3.0	37
11	Optimal design of an indoor environment by the CFD-based adjoint method with area-constrained topology and cluster analysis. Building and Environment, 2018, 138, 171-180.	3.0	27
12	Comparison of STAR-CCM+ and ANSYS Fluent for simulating indoor airflows. Building Simulation, 2018, 11, 165-174.	3.0	33
13	Inverse design of an indoor environment using a CFD-based adjoint method with the adaptive step size for adjusting the design parameters. Numerical Heat Transfer; Part A: Applications, 2017, 71, 707-720.	1.2	17