

# Sau Chung Fu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8551381/publications.pdf>

Version: 2024-02-01

25  
papers

449  
citations

1039880

9  
h-index

713332

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Airborne particles in indoor environment of homes, schools, offices and aged care facilities: The main routes of exposure. <i>Environment International</i> , 2017, 108, 75-83.	4.8	256
2	Boosting power output of flutter-driven triboelectric nanogenerator by flexible flagpole. <i>Nano Energy</i> , 2021, 88, 106284.	8.2	24
3	Differential gene expression in <i>Escherichia coli</i> during aerosolization from liquid suspension. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6257-6267.	1.7	20
4	The effect of aerosol size distribution and concentration on the removal efficiency of an acoustic aerosol removal system. <i>Journal of Aerosol Science</i> , 2017, 104, 79-89.	1.8	19
5	Short-range bioaerosol deposition and inhalation of cough droplets and performance of personalized ventilation. <i>Aerosol Science and Technology</i> , 2021, 55, 474-485.	1.5	19
6	Evaporation of Al <sub>2</sub> O <sub>3</sub> -water nanofluids in an externally micro-grooved evaporator. <i>Science and Technology for the Built Environment</i> , 2017, 23, 345-354.	0.8	15
7	Energy consumption modelling of a passive hybrid system for office buildings in different climates. <i>Energy</i> , 2022, 239, 121914.	4.5	14
8	Performance of airflow distance from personalized ventilation on personal exposure to airborne droplets from different orientations. <i>Indoor and Built Environment</i> , 2021, 30, 1643-1653.	1.5	13
9	Respiratory bioaerosol deposition from a cough and recovery of viable viruses on nearby seats in a cabin environment. <i>Indoor Air</i> , 2021, 31, 1913-1925.	2.0	10
10	Enhancement of submicron particle deposition on a semi-circular surface in turbulent flow. <i>Indoor and Built Environment</i> , 2020, 29, 101-116.	1.5	9
11	Experimental study of particle deposition on patterned microstructured surfaces in a chamber environment. <i>Journal of Aerosol Science</i> , 2021, 157, 105802.	1.8	7
12	Study of particle resuspension from dusty surfaces using a centrifugal method. <i>Indoor Air</i> , 2019, 29, 791-802.	2.0	6
13	Droplet detachment behavior from a rough hydrophilic surface. <i>Journal of Aerosol Science</i> , 2020, 139, 105469.	1.8	5
14	Investigation of particle deposition on a micropatterned surface as an energy-efficient air cleaning technique in ventilation ducting systems. <i>Aerosol Science and Technology</i> , 2020, 54, 1210-1222.	1.5	5
15	Airborne infection risk of nearby passengers in a cabin environment and implications for infection control. <i>Travel Medicine and Infectious Disease</i> , 2022, 47, 102285.	1.5	5
16	Experimental study on the thermal-hydraulic performance of a fluttering split flag in a channel flow. <i>International Journal of Heat and Mass Transfer</i> , 2022, 182, 121945.	2.5	4
17	Influence of sinusoidal airflow and airflow distance on human thermal response to a personalized ventilation system. <i>Indoor and Built Environment</i> , 2018, 27, 317-330.	1.5	3
18	Ultrafine particle emissions from a smouldering cigarette in a residence and its associated lung cancer risk. <i>Indoor and Built Environment</i> , 2019, 28, 1396-1405.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Droplet Evaporation of Cu-Al <sub>2</sub> O <sub>3</sub> Hybrid Nanofluid Over Its Residue and Copper Surfaces: Toward Developing a New Analytical Model. <i>Journal of Heat Transfer</i> , 2021, 143, .	1.2	3
20	The effect of head orientation and personalized ventilation on bioaerosol deposition from a cough. <i>Indoor Air</i> , 2022, 32, .	2.0	3
21	Bio-inspired patterned surface for submicron particle deposition in a fully developed turbulent duct. <i>Building Simulation</i> , 2020, 13, 1111-1123.	3.0	2
22	The use of acoustic streaming in Sub-micron particle sorting. <i>Aerosol Science and Technology</i> , 2022, 56, 247-260.	1.5	2
23	Experimental and numerical study of heat transfer performance of a channel flow with an inverted flag. <i>International Journal of Heat and Mass Transfer</i> , 2022, 193, 122969.	2.5	2
24	Infection control measures for public transportation derived from the flow dynamics of obstructed cough jet. <i>Journal of Aerosol Science</i> , 2022, 163, 105995.	1.8	0
25	Copper-alumina hybrid nanofluid droplet phase change dynamics over heated plain copper and porous residue surfaces. <i>International Journal of Thermal Sciences</i> , 2022, 182, 107795.	2.6	0