

Xiaole Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4151411/publications.pdf>

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7
papers

237
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of the interaction, transport and deposition of multicomponent droplets in a simple mouth-throat model. <i>Journal of Aerosol Science</i> , 2017, 105, 108-127.	3.8	77
2	Study on gas/solid flow in an obstructed pulmonary airway with transient flow based on CFDâ€“DPM approach. <i>Powder Technology</i> , 2012, 217, 252-260.	4.2	55
3	Numerical investigation of particle deposition in a triple bifurcation airway due to gravitational sedimentation and inertial impaction. <i>Powder Technology</i> , 2018, 323, 284-293.	4.2	48
4	Effects of thermal airflow and mucus-layer interaction on hygroscopic droplet deposition in a simple mouthâ€“throat model. <i>Aerosol Science and Technology</i> , 2018, 52, 900-912.	3.1	26
5	Modeling of the transport, hygroscopic growth, and deposition of multi-component droplets in a simplified airway with realistic thermal boundary conditions. <i>Journal of Aerosol Science</i> , 2021, 151, 105626.	3.8	16
6	Numerical study of the effects of temperature and humidity on the transport and deposition of hygroscopic aerosols in a G3-G6 airway. <i>International Journal of Heat and Mass Transfer</i> , 2019, 138, 545-552.	4.8	15
7	Numerical Simulation of <i>Aspergillus Niger</i> Spore Deposition in Nasal Cavities of a Population in Northwest China. <i>Atmosphere</i> , 2022, 13, 911.	2.3	0