

Justus Mutuku

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

102
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation for airflow and deposition of PM2.5 contaminated with SAR-CoV-2 virus in healthy and diseased human airway. <i>Environmental Research</i> , 2021, 197, 111096.	7.5	5
2	Analysis of microparticle deposition in the human lung by taguchi method and response surface methodology. <i>Environmental Research</i> , 2021, 197, 110975.	7.5	11
3	Aerosol deposition and airflow dynamics in healthy and asthmatic human airways during inhalation. <i>Journal of Hazardous Materials</i> , 2021, 416, 125856.	12.4	7
4	Assessment of the emission factors for potentially toxic elements from coal-fired boilers and sintering furnaces in a steel production plant. <i>Science of the Total Environment</i> , 2021, 792, 148329.	8.0	6
5	Separation and purification of caulerpin from algal <i>Caulerpa racemosa</i> by simulated moving bed chromatography. <i>Food and Bioproducts Processing</i> , 2021, 130, 14-22.	3.6	2
6	Two-phase Flow Dynamics and PM2.5 Deposition in Healthy and Obstructed Human Airways during Inhalation. <i>Aerosol and Air Quality Research</i> , 2020, 20, 1091-1110.	2.1	6
7	An Overview of Experiments and Numerical Simulations on Airflow and Aerosols Deposition in Human Airways and the Role of Bioaerosol Motion in COVID-19 Transmission. <i>Aerosol and Air Quality Research</i> , 2020, 20, 1172-1196.	2.1	37
8	Flow Dynamics and PM2.5 Deposition in Healthy and Asthmatic Airways at Different Inhalation Statuses. <i>Aerosol and Air Quality Research</i> , 2018, 18, 866-883.	2.1	20
9	Flow Characterization in Healthy Airways and Airways with Chronic Obstructive Pulmonary Disease (COPD) during Different Inhalation Conditions. <i>Aerosol and Air Quality Research</i> , 2018, 18, 2680-2694.	2.1	8