

Racha Dejchanchaiwong

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

198
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical modeling and performance investigation of mixed-mode and indirect solar dryers for natural rubber sheet drying. <i>Energy for Sustainable Development</i> , 2016, 34, 44-53.	4.5	62
2	Impact of transport of fine and ultrafine particles from open biomass burning on air quality during 2019 Bangkok haze episode. <i>Journal of Environmental Sciences</i> , 2020, 97, 149-161.	6.1	33
3	Three-Dimensional Numerical Modeling of Heat and Moisture Transfer in Natural Rubber Sheet Drying Process. <i>Drying Technology</i> , 2015, 33, 1124-1137.	3.1	20
4	Physicochemical and toxicological characteristics of nanoparticles in aerosols in southern Thailand during recent haze episodes in lower southeast Asia. <i>Journal of Environmental Sciences</i> , 2020, 94, 72-80.	6.1	18
5	Conjugate heat and mass transfer modeling of a new rubber smoking room and experimental validation. <i>Applied Thermal Engineering</i> , 2017, 112, 761-770.	6.0	15
6	Influence of shrinkage during natural rubber sheet drying: Numerical modeling of heat and mass transfer. <i>Applied Thermal Engineering</i> , 2019, 149, 798-806.	6.0	15
7	Performance and economic analysis of natural convection based rubber smoking room for rubber cooperatives in Thailand. <i>Renewable Energy</i> , 2019, 132, 233-242.	8.9	14
8	Long-term air pollution exposure and decreased kidney function: A longitudinal cohort study in Bangkok Metropolitan Region, Thailand from 2002 to 2012. <i>Chemosphere</i> , 2022, 287, 132117.	8.2	10
9	Techno-economic assessment of forced-convection rubber smoking room for rubber cooperatives. <i>Energy</i> , 2017, 137, 152-159.	8.8	7
10	Numerical study on combined cyclone-filter aerosol collector performance. <i>Particulate Science and Technology</i> , 2021, 39, 52-61.	2.1	2
11	Optimization of operating parameters for rubber sheet fast drying in a forced-convection rubber smoking room. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1163, 012010.	0.6	2