Somporn Chantara

List of Publications by Year
in descending order

15	516	840119	1058022
papers	citations	11	14
		h-index	g-index

15	15	15	651
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fresh and aged PM2.5 and their ion composition in rural and urban atmospheres of Northern Thailand in relation to source identification. Chemosphere, 2022, 286, 131803.	4.2	17
2	Size-fractionated PM-bound PAHs in urban and rural atmospheres of northern Thailand for respiratory health risk assessment. Environmental Pollution, 2022, 293, 118488.	3.7	22
3	Radar-Based Rainfall Estimation of Landfalling Tropical Storm â€œPABUKâ€•2019 over Southern Thailand. Mathematical Problems in Engineering, 2022, 2022, 1-11.	0.6	0
4	Emission factors of metals bound with PM2.5 and ashes from biomass burning simulated in an open-system combustion chamber for estimation of open burning emissions. Atmospheric Pollution Research, 2021, 12, 13-24.	1.8	19
5	Development of an Immunoassay for the Detection of Amyloid Beta 1-42 and Its Application in Urine Samples. Journal of Immunology Research, 2020, 2020, 1-9.	0.9	6
6	Use of spent coffee ground biochar as ambient PAHs sorbent and novel extraction method for GC-MS analysis. Environmental Science and Pollution Research, 2019, 26, 13025-13040.	2.7	22
7	Emissions of pollutant gases, fine particulate matters and their significant tracers from biomass burning in an open-system combustion chamber. Chemosphere, 2019, 224, 407-416.	4.2	53
8	Effective solid phase extraction using centrifugation combined with a vacuum-based method for ambient gaseous PAHs. New Journal of Chemistry, 2019, 43, 18726-18740.	1.4	8
9	Molecular markers for biomass burning associated with the characterization of PM2.5 and component sources during dry season haze episodes in Upper South East Asia. Science of the Total Environment, 2019, 658, 708-722.	3.9	87
10	Identification of potential sources of PM10 pollution from biomass burning in northern Thailand using statistical analysis of trajectories. Atmospheric Pollution Research, 2018, 9, 1038-1051.	1.8	48
11	Radiative response of biomass-burning aerosols over an urban atmosphere in northern peninsular Southeast Asia. Science of the Total Environment, 2018, 633, 892-911.	3.9	61
12	Tree bark as bioindicator of metal accumulation from road traffic and air quality map: A case study of Chiang Mai, Thailand. Atmospheric Pollution Research, 2017, 8, 956-967.	1.8	20
13	Development of low-cost passive sampler from cow bone char for sampling of volatile organic compounds. International Journal of Environmental Science and Technology, 2016, 13, 1685-1696.	1.8	2
14	Determination of PM2.5 and polycyclic aromatic hydrocarbons from incense burning emission at shrine for health risk assessment. Atmospheric Pollution Research, 2016, 7, 680-689.	1.8	70
15	PM10-bound polycyclic aromatic hydrocarbons in Chiang Mai (Thailand): Seasonal variations, source identification, health risk assessment and their relationship to air-mass movement. Atmospheric Research, 2013, 124, 109-122.	1.8	81