

Somporn Chantara

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

516
citations

840119

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1058022

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15
docs citations

15
times ranked

651
citing authors

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