

Nguyen Thi Kim Oanh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

4,162
citations

31
h-index

63
g-index

107
ext. papers

4,761
ext. citations

5.4
avg, IF

5.57
L-index

#	Paper	IF	Citations
102	Simultaneously mitigating near-term climate change and improving human health and food security. <i>Science</i> , 2012 , 335, 183-9	33.3	875
101	Emission of Polycyclic Aromatic Hydrocarbons and Particulate Matter from Domestic Combustion of Selected Fuels. <i>Environmental Science & Technology</i> , 1999 , 33, 2703-2709	10.3	249
100	A comparison of North American and Asian exposure-response data for ozone effects on crop yields. <i>Atmospheric Environment</i> , 2009 , 43, 1945-1953	5.3	210
99	Observing and understanding the Southeast Asian aerosol system by remote sensing: An initial review and analysis for the Seven Southeast Asian Studies (7SEAS) program. <i>Atmospheric Research</i> , 2013 , 122, 403-468	5.4	207
98	Particulate air pollution in six Asian cities: Spatial and temporal distributions, and associated sources. <i>Atmospheric Environment</i> , 2006 , 40, 3367-3380	5.3	198
97	CHARACTERIZATION OF PARTICULATE MATTER EMISSION FROM OPEN BURNING OF RICE STRAW. <i>Atmospheric Environment</i> , 2011 , 45, 493-502	5.3	184
96	Emission of polycyclic aromatic hydrocarbons, toxicity, and mutagenicity from domestic cooking using sawdust briquettes, wood, and kerosene. <i>Environmental Science & Technology</i> , 2002 , 36, 833-9	10.3	109
95	Stabilization of the Mass Absorption Cross Section of Black Carbon for Filter-Based Absorption Photometry by the use of a Heated Inlet. <i>Aerosol Science and Technology</i> , 2009 , 43, 741-756	3.4	99
94	Compositional characterization of PM2.5 emitted from in-use diesel vehicles. <i>Atmospheric Environment</i> , 2010 , 44, 15-22	5.3	95
93	Emission of particulate matter and polycyclic aromatic hydrocarbons from select cookstove fuel systems in Asia. <i>Biomass and Bioenergy</i> , 2005 , 28, 579-590	5.3	93
92	Roadside BTEX and other gaseous air pollutants in relation to emission sources. <i>Atmospheric Environment</i> , 2007 , 41, 7685-7697	5.3	71
91	Photochemical smog pollution in the Bangkok Metropolitan Region of Thailand in relation to O3 precursor concentrations and meteorological conditions. <i>Atmospheric Environment</i> , 2002 , 36, 4211-4222	5.3	70
90	. <i>ScienceAsia</i> , 2007 , 33, 339	1.4	69
89	Toward the next generation of air quality monitoring: Particulate Matter. <i>Atmospheric Environment</i> , 2013 , 80, 584-590	5.3	68
88	Analysis of motorcycle fleet in Hanoi for estimation of air pollution emission and climate mitigation co-benefit of technology implementation. <i>Atmospheric Environment</i> , 2012 , 59, 438-448	5.3	66
87	Seasonal and diurnal variations of black carbon and organic carbon aerosols in Bangkok. <i>Journal of Geophysical Research</i> , 2011 , 116,		63
86	Assessment of biomass open burning emissions in Indonesia and potential climate forcing impact. <i>Atmospheric Environment</i> , 2013 , 78, 250-258	5.3	62

85	Assessment of potential long-range transport of particulate air pollution using trajectory modeling and monitoring data. <i>Atmospheric Research</i> , 2007 , 85, 3-17	5.4	57
84	Analysis of meteorology and emission in haze episode prevalence over mountain-bounded region for early warning. <i>Science of the Total Environment</i> , 2011 , 409, 2261-71	10.2	56
83	Effects of local, regional meteorology and emission sources on mass and compositions of particulate matter in Hanoi. <i>Atmospheric Environment</i> , 2013 , 78, 105-112	5.3	55
82	Meteorological pattern classification and application for forecasting air pollution episode potential in a mountain-valley area. <i>Atmospheric Environment</i> , 2005 , 39, 1211-1225	5.3	52
81	Development of Spatial and Temporal Emission Inventory for Crop Residue Field Burning. <i>Environmental Modeling and Assessment</i> , 2011 , 16, 453-464	2	50
80	Climate-relevant properties of diesel particulate emissions: results from a piggyback study in Bangkok, Thailand. <i>Environmental Science & Technology</i> , 2009 , 43, 4213-8	10.3	50
79	Analysis of the vehicle fleet in the Kathmandu Valley for estimation of environment and climate co-benefits of technology intrusions. <i>Atmospheric Environment</i> , 2013 , 81, 579-590	5.3	48
78	Annual emissions of air toxics emitted from crop residue open burning in Southeast Asia over the period of 2010-2015. <i>Atmospheric Environment</i> , 2018 , 187, 163-173	5.3	46
77	Polycyclic aromatic hydrocarbons in the airborne particulate matter at a location 40km north of Bangkok, Thailand. <i>Atmospheric Environment</i> , 2000 , 34, 4557-4563	5.3	40
76	Integrated assessment of brick kiln emission impacts on air quality. <i>Environmental Monitoring and Assessment</i> , 2010 , 171, 381-94	3.1	39
75	Roadside levels and traffic emission rates of PM2.5 and BTEX in Ho Chi Minh City, Vietnam. <i>Atmospheric Environment</i> , 2014 , 94, 806-816	5.3	37
74	Characterization of gaseous and semi-volatile organic compounds emitted from field burning of rice straw. <i>Atmospheric Environment</i> , 2015 , 119, 182-191	5.3	34
73	Characterization of gaseous pollutants and PM2.5 at fixed roadsides and along vehicle traveling routes in Bangkok Metropolitan Region. <i>Atmospheric Environment</i> , 2013 , 77, 674-685	5.3	34
72	Removal of benzene by ZnO nanoparticles coated on porous adsorbents in presence of ozone and UV. <i>Chemical Engineering Journal</i> , 2012 , 181-182, 215-221	14.7	31
71	Determining factors for levels of volatile organic compounds measured in different microenvironments of a heavy traffic urban area. <i>Science of the Total Environment</i> , 2018 , 627, 290-303	10.2	30
70	Indoor air pollution levels in public buildings in Thailand and exposure assessment. <i>Environmental Monitoring and Assessment</i> , 2009 , 156, 581-94	3.1	30
69	Designing ambient particulate matter monitoring program for source apportionment study by receptor modeling. <i>Atmospheric Environment</i> , 2009 , 43, 3334-3344	5.3	29
68	Protection of piglets against Edema disease by maternal immunization with Stx2e toxoid. <i>Infection and Immunity</i> , 2012 , 80, 469-73	3.7	28

67	Integrated emission inventory and modeling to assess distribution of particulate matter mass and black carbon composition in Southeast Asia. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 2725-2747	6.8	24
66	Traffic emission inventory for estimation of air quality and climate co-benefits of faster vehicle technology intrusion in Hanoi, Vietnam. <i>Carbon Management</i> , 2015 , 6, 117-128	3.3	24
65	Determination of fleet hourly emission and on-road vehicle emission factor using integrated monitoring and modeling approach. <i>Atmospheric Research</i> , 2008 , 89, 223-232	5.4	23
64	Assessment of emissions of greenhouse gases and air pollutants in Indonesia and impacts of national policy for elimination of kerosene use in cooking. <i>Atmospheric Environment</i> , 2017 , 154, 82-94	5.3	22
63	Pollution Characteristics and Policy Actions on Fine Particulate Matter in a Growing Asian Economy: The Case of Bangkok Metropolitan Region. <i>Atmosphere</i> , 2019 , 10, 227	2.7	22
62	Effects of dust storm on public health in desert fringe area: Case study of northeast edge of Taklimakan Desert, China. <i>Atmospheric Pollution Research</i> , 2015 , 6, 805-814	4.5	20
61	Assessment of national emissions of air pollutants and climate forcers from thermal power plants and industrial activities in Vietnam. <i>Atmospheric Pollution Research</i> , 2017 , 8, 503-513	4.5	19
60	Episodic ozone air quality in Jakarta in relation to meteorological conditions. <i>Atmospheric Environment</i> , 2008 , 42, 6806-6815	5.3	19
59	Assessment of rice yield loss due to exposure to ozone pollution in Southern Vietnam. <i>Science of the Total Environment</i> , 2016 , 566-567, 1069-1079	10.2	18
58	Satellite monitoring for carbon monoxide and particulate matter during forest fire episodes in Northern Thailand. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 2495-504	3.1	18
57	Chemical characterization and sources apportionment of fine particulate pollution in a mining town of Vietnam. <i>Atmospheric Research</i> , 2014 , 145-146, 214-225	5.4	18
56	Levels of pesticides and polychlorinated biphenyls in selected homes in the Bangkok metropolitan region, Thailand. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1140, 91-112	6.5	18
55	Indoor levels of black carbon and particulate matters in relation to cooking activities using different cook stove-fuels in rural Nepal. <i>Energy for Sustainable Development</i> , 2019 , 48, 25-33	5.4	18
54	Toxicity to Microtox, micro-algae and duckweed of effluents from the Bai Bang paper company (BAPACO), a Vietnamese bleached kraft pulp and paper mill. <i>Environmental Pollution</i> , 1995 , 90, 391-9	9.3	17
53	Sequential anaerobic-aerobic biodegradation of 2,3,7,8-TCDD contaminated soil in the presence of CMC-coated nZVI and surfactant. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 388-98	2.6	16
52	An overview of the development of vertical sampling technologies for ambient volatile organic compounds (VOCs). <i>Journal of Environmental Management</i> , 2019 , 247, 401-412	7.9	16
51	Characterization of black carbon at roadside sites and along vehicle roadways in the Bangkok Metropolitan Region. <i>Atmospheric Environment</i> , 2014 , 92, 231-239	5.3	15
50	Photochemical smog modeling for assessment of potential impacts of different management strategies on air quality of the Bangkok Metropolitan Region, Thailand. <i>Journal of the Air and Waste Management Association</i> , 2004 , 54, 1321-38	2.4	15

49	Analysis of coastline change in relation to meteorological conditions and human activities in Ca mau cape, Viet Nam. <i>Ocean and Coastal Management</i> , 2019 , 171, 56-65	3.9	14
48	Assessment of the relationship between satellite AOD and ground PM ₁₀ measurement data considering synoptic meteorological patterns and Lidar data. <i>Science of the Total Environment</i> , 2014 , 473-474, 609-18	10.2	13
47	Emission of dioxins/furans and other U-POPs from test burns of non-POP pesticides in a hazardous waste incinerator. <i>Waste Management</i> , 2013 , 33, 833-41	8.6	13
46	Assessment of acid deposition over Dhaka division using CAMxMM5 modeling system. <i>Atmospheric Pollution Research</i> , 2011 , 2, 452-462	4.5	13
45	Air pollution modeling at road sides using the operational street pollution model--a case study in Hanoi, Vietnam. <i>Journal of the Air and Waste Management Association</i> , 2010 , 60, 1315-26	2.4	13
44	A comparative study of effluent toxicity for three chlorine-bleached pulp and paper mills in Southeast Asia. <i>Resources, Conservation and Recycling</i> , 1996 , 18, 87-105	11.9	13
43	Influence of rice straw open burning on levels and profiles of semi-volatile organic compounds in ambient air. <i>Chemosphere</i> , 2020 , 243, 125379	8.4	13
42	An intergrated waste survey and environmental effects of COGIDO, a bleached pulp and paper mill in Vietnam, on the receiving waterbody. <i>Resources, Conservation and Recycling</i> , 1996 , 18, 161-173	11.9	12
41	Emission inventory for on-road traffic fleets in Greater Yangon, Myanmar. <i>Atmospheric Pollution Research</i> , 2020 , 11, 702-713	4.5	12
40	Lead distribution and its potential risk to the environment: lesson learned from environmental monitoring of abandon mine. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010 , 45, 1702-14	2.3	11
39	Assessment of ozone effects on local rice cultivar by portable ozone fumigation system in Hanoi, Vietnam. <i>Environmental Monitoring and Assessment</i> , 2009 , 155, 569-80	3.1	11
38	Assessment of emission scenarios for 2030 and impacts of black carbon emission reduction measures on air quality and radiative forcing in Southeast Asia. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 3321-3334	6.8	10
37	Integrated management strategies for brick kiln emission reduction in Vietnam: a case study. <i>International Journal of Environmental Studies</i> , 2009 , 66, 113-124	1.8	10
36	Photochemical smog modeling of PM _{2.5} for assessment of associated health impacts in crowded urban area of Southeast Asia. <i>Environmental Technology and Innovation</i> , 2021 , 21, 101241	7	10
35	Emission of Toxic Air Pollutants and Greenhouse Gases from Crop Residue Open Burning in Southeast Asia. <i>Springer Remote Sensing/photogrammetry</i> , 2018 , 47-66	0.2	9
34	Levels and Composition of Ambient Particulate Matter at a Mountainous Rural Site in Northern Vietnam. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 1917-1928	4.6	9
33	Indoor pesticide application practices and levels in homes of Bangkok Metropolitan Region. <i>Environmental Monitoring and Assessment</i> , 2011 , 181, 363-72	3.1	8
32	Evaluation of the Mesoscale Meteorological Model (MM5)-Community Multi-Scale Air Quality Model (CMAQ) Performance in Hindcast and Forecast of Ground-Level Ozone. <i>Journal of the Air and Waste Management Association</i> , 2008 , 58, 1341-1350	2.4	8

31	Persistent Organochlorines in the Effluents from a Chlorine-Bleached Kraft Integrated Pulp and Paper Mill in Southeast Asia. <i>Archives of Environmental Contamination and Toxicology</i> , 1999 , 37, 303-309	3.2	8
30	Mapping exposure to particulate pollution during severe haze episode using improved MODIS AOT-PM regression model with synoptic meteorology classification. <i>GeoHealth</i> , 2017 , 1, 165-179	5	7
29	Characterization of emissions from diesel backup generators in Cambodia. <i>Atmospheric Pollution Research</i> , 2019 , 10, 345-354	4.5	6
28	Assessment of emissions from residential combustion in Southeast Asia and implications for climate forcing potential. <i>Science of the Total Environment</i> , 2021 , 785, 147311	10.2	6
27	Photodegradation of dioxin in contaminated soil in the presence of solvents and nanoscale TiO ₂ particles. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 1121-32	2.6	5
26	Development of a wastewater monitoring program incorporated into process control for mitigation of chemical and fiber loss from the Bai Bang Paper Company (BAPACO), a bleached kraft pulp and paper mill in Vietnam. <i>Resources, Conservation and Recycling</i> , 1995 , 14, 53-66	11.9	5
25	Characterization of Particulate Matter Measured at Remote Forest Site in Relation to Local and Distant Contributing Sources. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 2671-2684	4.6	5
24	Analysis of roadside air pollutant concentrations and potential health risk of exposure in Hanoi, Vietnam. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020 , 55, 975-988	2.3	4
23	An integrated waste survey and environmental effects of COGIDO, a bleached pulp and paper mill in Vietnam, on the receiving waterbody. <i>Studies in Environmental Science</i> , 1997 , 66, 349-361		4
22	PARTICULATE MATTER AIR POLLUTION REDUCTION SCENARIOS IN OSAKA, HOUSTON, BANGKOK AND SEOUL: A PROSPECTIVE HEALTH BENEFITS ANALYSIS. <i>Journal of Environmental Assessment Policy and Management</i> , 2008 , 10, 265-289	1.3	4
21	Research Priorities of Applying Low-Cost PM Sensors in Southeast Asian Countries.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	4
20	Emission control for volatile organic compounds from gasoline stations and implication on ozone-forming potential. <i>Atmospheric Pollution Research</i> , 2020 , 11, 87-98	4.5	3
19	Catalytic Oxidation of Volatile Organic Compounds by 13X Zeolite Coated with nZnO in Presence of UV and Ozone at High Bed Temperature. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	3
18	Levels of contaminants in effluent, sediment, and biota from Bai Bang, a bleached kraft pulp and paper mill in Vietnam. <i>Archives of Environmental Contamination and Toxicology</i> , 1995 , 29, 506	3.2	3
17	Survey-based inventory for atmospheric emissions from residential combustion in Vietnam. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 10678-10695	5.1	3
16	Open top chamber experiment study to assess effects of ground level ozone on local peanut cultivar in Vietnam. <i>International Journal of Environmental Studies</i> , 2009 , 66, 101-111	1.8	2
15	Design of a representative and cost-effective sampling programs for industrial wastewater with examples from bleached kraft pulp and paper mills. <i>Resources, Conservation and Recycling</i> , 1996 , 18, 107-124	11.9	2
14	. <i>ScienceAsia</i> , 2009 , 35, 276	1.4	2

13	Indoor Air Pollution Control 2005 , 237-272		2
12	Assessment of urban passenger fleet emissions to quantify climate and air quality co-benefits resulting from potential interventions. <i>Carbon Management</i> , 2018 , 9, 367-381	3.3	2
11	Assessment of co-benefits of black carbon emission reduction measures in Southeast Asia: Part 2 emission scenarios for 2030 and co-benefits on mitigation of air pollution and climate forcing 2017 ,		1
10	Assessment of co-benefits of black carbon emission reduction measures in Southeast Asia: Part 1 emission inventory and simulation for the base year 2007 2017 ,		1
9	Large spatio-temporal variations of size-resolved particulate matter and volatile organic compounds in urban area with heavy traffic. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1
8	Effects of length-to-diameter ratio, pinewood sawdust, and sodium lignosulfonate on quality of rice straw pellets produced via a flat die pellet mill. <i>Renewable Energy</i> , 2022 , 181, 1140-1154	8.1	0
7	Impact of lowering fuel sulfur content on atmospheric emissions from shipping activities in a World Heritage Bay in Vietnam. <i>Environmental Technology and Innovation</i> , 2022 , 102507	7	0
6	Further analysis and PMF application to the chemical composition data of IPCAJTB Kashima SPM study. <i>International Journal of Environment and Pollution</i> , 2010 , 40, 337	0.7	
5	A comparative study of effluent toxicity for three chlorine-bleached pulp and paper mills in Southeast Asia. <i>Studies in Environmental Science</i> , 1997 , 469-487		
4	Design of a representative and cost-effective sampling program for industrial wastewater with examples from bleached kraft pulp and paper mills. <i>Studies in Environmental Science</i> , 1997 , 66, 275-292		
3	Strategies for the promotion of cleaner and energy efficient technologies in the urban transport system in selected Asian cities. <i>International Journal of Environment and Pollution</i> , 2007 , 30, 45	0.7	
2	Evaluation of regional simulation of surface ozone over Southeast Asia using ground-based observation at two existing Global Atmospheric Watch stations. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 880, 012006	0.3	
1	Wastewater monitoring, a tool to control process upsets and reduce contamination from a pulp and paper mill. <i>Nordic Pulp and Paper Research Journal</i> , 1994 , 9, 267-267	1.1	