

# Nguyen Thi Kim Oanh

## List of Publications by Year in Descending Order

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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	Research Priorities of Applying Low-Cost PM Sensors in Southeast Asian Countries.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	4
101	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> , <b>2022</b> , 181, 1140-1154	8.1	0
100	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> , <b>2022</b> , 102507	7	0
99	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> , <b>2021</b> , 880, 012006	0.3	
98	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> , <b>2021</b> , 1	5.1	1
97	Photochemical smog modeling of PM2.5 for assessment of associated health impacts in crowded urban area of Southeast Asia. <i>Environmental Technology and Innovation</i> , <b>2021</b> , 21, 101241	7	10
96	Survey-based inventory for atmospheric emissions from residential combustion in Vietnam. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 10678-10695	5.1	3
95	Assessment of emissions from residential combustion in Southeast Asia and implications for climate forcing potential. <i>Science of the Total Environment</i> , <b>2021</b> , 785, 147311	10.2	6
94	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> , <b>2020</b> , 55, 975-988	2.3	4
93	Emission control for volatile organic compounds from gasoline stations and implication on ozone-forming potential. <i>Atmospheric Pollution Research</i> , <b>2020</b> , 11, 87-98	4.5	3
92	Influence of rice straw open burning on levels and profiles of semi-volatile organic compounds in ambient air. <i>Chemosphere</i> , <b>2020</b> , 243, 125379	8.4	13
91	Emission inventory for on-road traffic fleets in Greater Yangon, Myanmar. <i>Atmospheric Pollution Research</i> , <b>2020</b> , 11, 702-713	4.5	12
90	Pollution Characteristics and Policy Actions on Fine Particulate Matter in a Growing Asian Economy: The Case of Bangkok Metropolitan Region. <i>Atmosphere</i> , <b>2019</b> , 10, 227	2.7	22
89	Analysis of coastline change in relation to meteorological conditions and human activities in Ca mau cape, Viet Nam. <i>Ocean and Coastal Management</i> , <b>2019</b> , 171, 56-65	3.9	14
88	An overview of the development of vertical sampling technologies for ambient volatile organic compounds (VOCs). <i>Journal of Environmental Management</i> , <b>2019</b> , 247, 401-412	7.9	16
87	Characterization of emissions from diesel backup generators in Cambodia. <i>Atmospheric Pollution Research</i> , <b>2019</b> , 10, 345-354	4.5	6
86	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> , <b>2019</b> , 48, 25-33	5.4	18

85	Emission of Toxic Air Pollutants and Greenhouse Gases from Crop Residue Open Burning in Southeast Asia. <i>Springer Remote Sensing/photogrammetry</i> , <b>2018</b> , 47-66	0.2	9
84	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> , <b>2018</b> , 627, 290-303	10.2	30
83	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> , <b>2018</b> , 18, 2725-2747	6.8	24
82	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> , <b>2018</b> , 18, 3321-3334	6.8	10
81	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> , <b>2018</b> , 229, 1	2.6	3
80	Assessment of urban passenger fleet emissions to quantify climate and air quality co-benefits resulting from potential interventions. <i>Carbon Management</i> , <b>2018</b> , 9, 367-381	3.3	2
79	Annual emissions of air toxics emitted from crop residue open burning in Southeast Asia over the period of 2010-2015. <i>Atmospheric Environment</i> , <b>2018</b> , 187, 163-173	5.3	46
78	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> , <b>2017</b> , 154, 82-94	5.3	22
77	Assessment of national emissions of air pollutants and climate forcers from thermal power plants and industrial activities in Vietnam. <i>Atmospheric Pollution Research</i> , <b>2017</b> , 8, 503-513	4.5	19
76	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 <b>2017</b> ,		1
75	Mapping exposure to particulate pollution during severe haze episode using improved MODIS AOT-PM regression model with synoptic meteorology classification. <i>GeoHealth</i> , <b>2017</b> , 1, 165-179	5	7
74	Assessment of co-benefits of black carbon emission reduction measures in Southeast Asia: Part 1 emission inventory and simulation for the base year 2007 <b>2017</b> ,		1
73	Assessment of rice yield loss due to exposure to ozone pollution in Southern Vietnam. <i>Science of the Total Environment</i> , <b>2016</b> , 566-567, 1069-1079	10.2	18
72	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> , <b>2016</b> , 37, 388-98	2.6	16
71	Characterization of Particulate Matter Measured at Remote Forest Site in Relation to Local and Distant Contributing Sources. <i>Aerosol and Air Quality Research</i> , <b>2016</b> , 16, 2671-2684	4.6	5
70	Characterization of gaseous and semi-volatile organic compounds emitted from field burning of rice straw. <i>Atmospheric Environment</i> , <b>2015</b> , 119, 182-191	5.3	34
69	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> , <b>2015</b> , 6, 805-814	4.5	20
68	Traffic emission inventory for estimation of air quality and climate co-benefits of faster vehicle technology intrusion in Hanoi, Vietnam. <i>Carbon Management</i> , <b>2015</b> , 6, 117-128	3.3	24

67	Assessment of the relationship between satellite AOD and ground PM <sub>10</sub> measurement data considering synoptic meteorological patterns and Lidar data. <i>Science of the Total Environment</i> , <b>2014</b> , 473-474, 609-18	10.2	13
66	Satellite monitoring for carbon monoxide and particulate matter during forest fire episodes in Northern Thailand. <i>Environmental Monitoring and Assessment</i> , <b>2014</b> , 186, 2495-504	3.1	18
65	Characterization of black carbon at roadside sites and along vehicle roadways in the Bangkok Metropolitan Region. <i>Atmospheric Environment</i> , <b>2014</b> , 92, 231-239	5.3	15
64	Roadside levels and traffic emission rates of PM <sub>2.5</sub> and BTEX in Ho Chi Minh City, Vietnam. <i>Atmospheric Environment</i> , <b>2014</b> , 94, 806-816	5.3	37
63	Chemical characterization and sources apportionment of fine particulate pollution in a mining town of Vietnam. <i>Atmospheric Research</i> , <b>2014</b> , 145-146, 214-225	5.4	18
62	Photodegradation of dioxin in contaminated soil in the presence of solvents and nanoscale TiO <sub>2</sub> particles. <i>Environmental Technology (United Kingdom)</i> , <b>2014</b> , 35, 1121-32	2.6	5
61	Levels and Composition of Ambient Particulate Matter at a Mountainous Rural Site in Northern Vietnam. <i>Aerosol and Air Quality Research</i> , <b>2014</b> , 14, 1917-1928	4.6	9
60	Assessment of biomass open burning emissions in Indonesia and potential climate forcing impact. <i>Atmospheric Environment</i> , <b>2013</b> , 78, 250-258	5.3	62
59	Characterization of gaseous pollutants and PM <sub>2.5</sub> at fixed roadsides and along vehicle traveling routes in Bangkok Metropolitan Region. <i>Atmospheric Environment</i> , <b>2013</b> , 77, 674-685	5.3	34
58	Effects of local, regional meteorology and emission sources on mass and compositions of particulate matter in Hanoi. <i>Atmospheric Environment</i> , <b>2013</b> , 78, 105-112	5.3	55
57	Toward the next generation of air quality monitoring: Particulate Matter. <i>Atmospheric Environment</i> , <b>2013</b> , 80, 584-590	5.3	68
56	Emission of dioxins/furans and other U-POPs from test burns of non-POP pesticides in a hazardous waste incinerator. <i>Waste Management</i> , <b>2013</b> , 33, 833-41	8.6	13
55	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> , <b>2013</b> , 122, 403-468	5.4	207
54	Analysis of the vehicle fleet in the Kathmandu Valley for estimation of environment and climate co-benefits of technology intrusions. <i>Atmospheric Environment</i> , <b>2013</b> , 81, 579-590	5.3	48
53	Analysis of motorcycle fleet in Hanoi for estimation of air pollution emission and climate mitigation co-benefit of technology implementation. <i>Atmospheric Environment</i> , <b>2012</b> , 59, 438-448	5.3	66
52	Simultaneously mitigating near-term climate change and improving human health and food security. <i>Science</i> , <b>2012</b> , 335, 183-9	33.3	875
51	Removal of benzene by ZnO nanoparticles coated on porous adsorbents in presence of ozone and UV. <i>Chemical Engineering Journal</i> , <b>2012</b> , 181-182, 215-221	14.7	31
50	Protection of piglets against Edema disease by maternal immunization with Stx2e toxoid. <i>Infection and Immunity</i> , <b>2012</b> , 80, 469-73	3.7	28

49	Seasonal and diurnal variations of black carbon and organic carbon aerosols in Bangkok. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		63
48	Assessment of acid deposition over Dhaka division using CAMxMM5 modeling system. <i>Atmospheric Pollution Research</i> , <b>2011</b> , 2, 452-462	4.5	13
47	Analysis of meteorology and emission in haze episode prevalence over mountain-bounded region for early warning. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2261-71	10.2	56
46	CHARACTERIZATION OF PARTICULATE MATTER EMISSION FROM OPEN BURNING OF RICE STRAW. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 493-502	5.3	184
45	Indoor pesticide application practices and levels in homes of Bangkok Metropolitan Region. <i>Environmental Monitoring and Assessment</i> , <b>2011</b> , 181, 363-72	3.1	8
44	Development of Spatial and Temporal Emission Inventory for Crop Residue Field Burning. <i>Environmental Modeling and Assessment</i> , <b>2011</b> , 16, 453-464	2	50
43	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> , <b>2010</b> , 60, 1315-26	2.4	13
42	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> , <b>2010</b> , 45, 1702-14	2.3	11
41	Further analysis and PMF application to the chemical composition data of IPCAJT's Kashima SPM study. <i>International Journal of Environment and Pollution</i> , <b>2010</b> , 40, 337	0.7	
40	Integrated assessment of brick kiln emission impacts on air quality. <i>Environmental Monitoring and Assessment</i> , <b>2010</b> , 171, 381-94	3.1	39
39	Compositional characterization of PM2.5 emitted from in-use diesel vehicles. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 15-22	5.3	95
38	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> , <b>2009</b> , 43, 741-756	3.4	99
37	A comparison of North American and Asian exposure-response data for ozone effects on crop yields. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 1945-1953	5.3	210
36	Designing ambient particulate matter monitoring program for source apportionment study by receptor modeling. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 3334-3344	5.3	29
35	Assessment of ozone effects on local rice cultivar by portable ozone fumigation system in Hanoi, Vietnam. <i>Environmental Monitoring and Assessment</i> , <b>2009</b> , 155, 569-80	3.1	11
34	Indoor air pollution levels in public buildings in Thailand and exposure assessment. <i>Environmental Monitoring and Assessment</i> , <b>2009</b> , 156, 581-94	3.1	30
33	Climate-relevant properties of diesel particulate emissions: results from a piggyback study in Bangkok, Thailand. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 4213-8	10.3	50
32	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> , <b>2009</b> , 66, 101-111	1.8	2

31	Integrated management strategies for brick kiln emission reduction in Vietnam: a case study. <i>International Journal of Environmental Studies</i> , <b>2009</b> , 66, 113-124	1.8	10
30	. <i>ScienceAsia</i> , <b>2009</b> , 35, 276	1.4	2
29	Episodic ozone air quality in Jakarta in relation to meteorological conditions. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 6806-6815	5.3	19
28	Determination of fleet hourly emission and on-road vehicle emission factor using integrated monitoring and modeling approach. <i>Atmospheric Research</i> , <b>2008</b> , 89, 223-232	5.4	23
27	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> , <b>2008</b> , 58, 1341-1350	2.4	8
26	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> , <b>2008</b> , 10, 265-289	1.3	4
25	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> , <b>2008</b> , 1140, 91-112	6.5	18
24	Roadside BTEX and other gaseous air pollutants in relation to emission sources. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 7685-7697	5.3	71
23	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> , <b>2007</b> , 30, 45	0.7	
22	Assessment of potential long-range transport of particulate air pollution using trajectory modeling and monitoring data. <i>Atmospheric Research</i> , <b>2007</b> , 85, 3-17	5.4	57
21	. <i>ScienceAsia</i> , <b>2007</b> , 33, 339	1.4	69
20	Particulate air pollution in six Asian cities: Spatial and temporal distributions, and associated sources. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 3367-3380	5.3	198
19	Emission of particulate matter and polycyclic aromatic hydrocarbons from select cookstove fuel systems in Asia. <i>Biomass and Bioenergy</i> , <b>2005</b> , 28, 579-590	5.3	93
18	Meteorological pattern classification and application for forecasting air pollution episode potential in a mountain-valley area. <i>Atmospheric Environment</i> , <b>2005</b> , 39, 1211-1225	5.3	52
17	Indoor Air Pollution Control <b>2005</b> , 237-272		2
16	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> , <b>2004</b> , 54, 1321-38	2.4	15
15	Photochemical smog pollution in the Bangkok Metropolitan Region of Thailand in relation to O <sub>3</sub> precursor concentrations and meteorological conditions. <i>Atmospheric Environment</i> , <b>2002</b> , 36, 4211-4222	5.3	70
14	Emission of polycyclic aromatic hydrocarbons, toxicity, and mutagenicity from domestic cooking using sawdust briquettes, wood, and kerosene. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 833-9	10.3	109

13	Polycyclic aromatic hydrocarbons in the airborne particulate matter at a location 40km north of Bangkok, Thailand. <i>Atmospheric Environment</i> , <b>2000</b> , 34, 4557-4563	5.3	40
12	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> , <b>1999</b> , 37, 303-309	3.2	8
11	Emission of Polycyclic Aromatic Hydrocarbons and Particulate Matter from Domestic Combustion of Selected Fuels. <i>Environmental Science &amp; Technology</i> , <b>1999</b> , 33, 2703-2709	10.3	249
10	A comparative study of effluent toxicity for three chlorine-bleached pulp and paper mills in Southeast Asia. <i>Studies in Environmental Science</i> , <b>1997</b> , 469-487		
9	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> , <b>1997</b> , 66, 275-292		
8	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> , <b>1997</b> , 66, 349-361		4
7	A comparative study of effluent toxicity for three chlorine-bleached pulp and paper mills in Southeast Asia. <i>Resources, Conservation and Recycling</i> , <b>1996</b> , 18, 87-105	11.9	13
6	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> , <b>1996</b> , 18, 107-124	11.9	2
5	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> , <b>1996</b> , 18, 161-173	11.9	12
4	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> , <b>1995</b> , 29, 506	3.2	3
3	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> , <b>1995</b> , 14, 53-66	11.9	5
2	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> , <b>1995</b> , 90, 391-9	9.3	17
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> , <b>1994</b> , 9, 267-267	1.1	