

Dr. Suresh Pandian Elumalai

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ACADEMIC BACKGROUND

Name of Degree	Branch / Specialization	College/Institute/University	Year	CGPA/ %	Class
Ph.D.	Environmental Engineering	IIT GUWAHATI, Assam, India.	2006 – 2011	Awarded	N/A
M. Tech	Environmental Engineering	Pondicherry Engg College/ Pondicherry Univ, Pondicherry, India.	2003 – 2005	8.47	I st
B. Tech	Chemical Engineering	Arunai Engg College/ Univ of Madras, Tiruvannamalai, 606603, India.	1998 – 2002	77.57	I st
HSC	Science (PCMB)	Tamil Nadu State Board	1998	83.5	First
SSLC	Science	Tamil Nadu State Board	1996	83.8	First

A) List of Publication (SCI/SCIE)

Publication Index					
Q1	Q2	Q3	Q4	Total Publication (SCI/SCIE) only	Average Impact factor
08	05	08	02	20 No. (18 As corresponding Author + 05 As Co-author)	2.80

S. N.	Name of authors	Title of paper	Name of International Journal	Volum e/Issue	Page Nos	Year	IF	‘Q’ ranking
1.	Kumar, A., Elumalai, S.P.,	Study on respiratory deposition doses of typical Indian opencast coal mineworkers using occupational particulate matter levels	Air Quality, Atmosphere & Health	Accepted		2021	2.87	Q2
2.	Srivastava, A., Kumar, A., Elumalai, S.P.,	Evaluating Dispersion Modeling of Inhalable Particulates (PM10) Emissions in Complex Terrain of Coal Mines	Environmental Modeling and Assessment	Accepted		2021	1.63	Q3
3.	Chaudhry, S.K., Elumalai, S.P.,	Students exposure assessment towards PM number concentration while commuting from different transport modes during school timings	Stochastic Environmental Research and Risk Assessment	35 (2)	371-388	2021	2.72	Q1
4.	Chaudhry, S.K., Elumalai, S.P.,	The influence of school bus ventilation scenarios over in-cabin PM number concentration and air exchange rates	Atmospheric Pollution Research	11(8)	1396 - 1407	2020	2.92	Q2
5.	HH Yang, SK Gupta, NB Dhital, LC Wang, SP Elumalai	Comparative investigation of coal-and oil-fired boilers based on emission factors, ozone and secondary organic aerosol formation potentials of VOCs	Journal of Environmental Sciences	92	245-255	2020	3.96	Q1
6.	A Kumar, SP	On-site and off-site material preparation	Stochastic	34 (1)	183-	2020	2.72	Q1

	Elumalai, HH Yang	pavement approaches on particle emission and associated health impacts on workers	Environmental Research and Risk Assessment		199			
7.	Gupta, S. K., Elumalai, S.P.,	Exposure to traffic-related particulate matter and deposition dose to auto rickshaw driver in Dhanbad, India	Atmospheric pollution research	10 (4)	1128 - 1139	2019	2.92	Q3
8.	Gupta, S. K., Elumalai, S.P.,	Dependence of urban air pollutants on morning/evening peak hours and seasons	Archives of environmental contamination and toxicology	76 (4)	572-590	2019	2.4	Q3
9.	Kumar, A., Elumalai, S.P.,	Influence of Road Paving on Particulate Matter Emission and Fingerprinting of Elements of Road Dust.	Archives of environmental contamination and toxicology	75 (3)	424-435	2018	2.4	Q3
10.	Srivastava, A., Elumalai, S. P., Raju, E. V. R.,	Relationship in metastasis of coal fire and land use/cover using thermal imagery and support vector machine classifier	Arabian Journal of Geosciences	11 (6)	120	2018	1.53	Q4
11.	Gupta, S. K., Elumalai, S.P.,	Adverse impacts of fog events during winter on fine particulate matter, CO and VOCs: a case study of a highway near Dhanbad, India	Weather	73 (12)	396-402	2018	0.94	Q4
12.	Sahu, V., Elumalai, S.P., Gautam, S., Singh, N.K., Singh, P.,	Characterization of indoor settled dust and investigation of indoor air quality in different micro-environments	International journal of environmental health research	28 (4)	419-431	2018	1.91	Q3
13.	Manisha, Sahu, R., Elumalai, S.P.,	Impact Assessment of Atmospheric Dust on Foliage Pigments and Pollution Resistances of Plants Grown Nearby Coal Based Thermal Power Plants	Archives of Environmental Contamination and Toxicology	74 (1)	56-70	2018	2.4	Q3
14.	Sahu, R., Elumalai, S.P.,	Identifying speed hump, a traffic calming device, as a hotspot for environmental contamination in traffic-affected urban roads	ACS omega	2 (9)	5434 - 5444	2017	2.58	Q3
15.	Gupta, S. K., Elumalai, S.P.,	Size-segregated particulate matter and its association with respiratory deposition doses among outdoor exercisers in Dhanbad city, India	Journal of the Air & Waste Management Association	67 (10)	1137 - 1145	2017	2.24	Q2
16.	Manisha, Elumalai, S.P., Pal., A.K.,	Determining the Contribution of Nearby Power Plants to Deposited Foliar Dust: A Case Study of BTPS, Bokaro	Archives of Environmental Contamination and Toxicology	71 (4)	485-499	2016	2.4	Q2

17.	Sahu, R., Adak, P., and Elumalai, S.P.,	Characterization of hazardous solid waste (soot) accumulated in tailpipe of typical Indian share autos	Current Science	111 (3)	560-564	2016	0.72	Q3
18.	Kumar, A., Samadder, S.R., and Elumalai, S.P.,	Recovery of Trace and Heavy Metals from Coal Combustion Residues for Reuse and Safe Disposal: A Review	JOM (The Journal of The Minerals, Metals & Materials Society)	68 (9)	2413 - 2417	2016	2.6	Q2
19.	Singh, S., Elumalai, S.P., Pal., A.K.,	Rain pH estimation based on the particulate matter pollutants and wet deposition study	Science of the Total Environment	563-564	293-301	2016	6.5	Q1
20.	Adak, P., Sahu, R. and Elumalai, S.P.,	Development of emission factor for motorcycles and shared auto rickshaws using real world driving cycle for a typical Indian City	Science of the Total Environment	544	299-308	2016	6.5	Q1
21.	Pandian, S., Gokhale, S., Ghoshal, A.K.,	An open-terrain line source model coupled with street-canyon effects to forecast carbon monoxide at traffic roundabout	Science of the Total Environment	409 (6)	1145 - 1153	2011	6.5	Q1
22.	Pandian, S., Gokhale, S., Ghoshal, A.K.,	Evaluating effects of traffic and vehicle characteristics on vehicular emissions near traffic intersections	Transportation Research Part D: Transport and Environment	14 (3)	180-196	2009	4.57	Q1
23.	Gokhale, S., Pandian, S.,	A semi-empirical box model approach for predicting the carbon monoxide concentrations at an urban traffic intersection	Atmospheric Environment	41 (36)	7940 - 7950	2007	4.03	Q1

B) List of Publication (Book Chapter)

S. No	Publication Details
1.	Hariram M., Elumalai S. P. & Sahu R. "Impacts Assessment of Atmospheric Pollutants from Anthropogenic Sources on Plant Physiology and Soil" Submitted book: "Asian atmospheric pollution" by Singh (Elsevier).
2.	Singh, S., Elumalai S. P., Pal A. K. Hung, Y. T., 2020. "RAIN pH ESTIMATION BASED ON THE PARTICULATE MATTER POLLUTANTS AND WET DEPOSITION STUDY". Handbook of Environment and Waste Management - Volume 3: Acid Rain And Greenhouse Gas Pollution Control by World Scientific Publishing Co Pte Ltd. ISBN13 9789811207129.
3.	Kumar A., & Elumalai S. P. (2015). "Impacts of Urbanization on Urban Heat Island", July 28-29, 2015. Climate Change Combating Through Science and Technology. Indian Institute of Forest Management, Bhopal, India. ISBN: 978-81-211-0949-9, pp. 301-310.

Suresh Pandian

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