

# Abhishek Tiwary

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/824451/publications.pdf>

Version: 2024-02-01

35  
papers

1,168  
citations

516710

16  
h-index

526287

27  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advance Oxidation Process (AOP) of Bisphenol A Using a Novel Surface-Functionalised Polyacrylonitrile (PAN) Fibre Catalyst. <i>Water (Switzerland)</i> , 2022, 14, 640.	2.7	2
2	Using artificial intelligence and data fusion for environmental monitoring: A review and future perspectives. <i>Information Fusion</i> , 2022, 86-87, 44-75.	19.1	50
3	Assessment of autonomous renewable energy system operability under extreme events and disasters. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 44, 100995.	2.7	3
4	Management of nature-based goods and services provisioning from the urban common: a pan-European perspective. <i>Urban Ecosystems</i> , 2020, 23, 645-657.	2.4	10
5	Towards an integrative approach to evaluate the environmental ecosystem services provided by urban forest. <i>Journal of Forestry Research</i> , 2019, 30, 1981-1996.	3.6	73
6	A community-scale hybrid energy system integrating biomass for localised solid waste and renewable energy solution: Evaluations in UK and Bulgaria. <i>Renewable Energy</i> , 2019, 139, 960-967.	8.9	56
7	Trade-offs between economic and environmental performance of an autonomous hybrid energy system using micro hydro. <i>Applied Energy</i> , 2018, 226, 891-904.	10.1	29
8	Air quality standards and legislations. , 2018, , 603-645.		0
9	Noise and light pollution. , 2018, , 583-601.		0
10	Gaseous air pollutants. , 2018, , 35-83.		0
11	Air pollution control and mitigation. , 2018, , 361-413.		0
12	Ambient air quality. , 2018, , 229-287.		2
13	Particulate matter. , 2018, , 85-137.		0
14	Air pollution impacts on ozone. , 2018, , 539-582.		0
15	Species-Specific Information for Enhancing Ecosystem Services. <i>Future City</i> , 2017, , 111-144.	0.5	3
16	Urban Trees and Their Relation to Air Pollution. <i>Future City</i> , 2017, , 21-30.	0.5	13
17	Delivery of Goods and Services. <i>Future City</i> , 2017, , 59-65.	0.5	0
18	Functional traits of urban trees: air pollution mitigation potential. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 543-550.	4.0	255

#	ARTICLE	IF	CITATIONS
19	Measurement and analysis of household carbon: The case of a UK city. <i>Applied Energy</i> , 2016, 164, 871-881.	10.1	39
20	Emerging perspectives on environmental burden minimisation initiatives from anaerobic digestion technologies for community scale biomass valorisation. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 42, 883-901.	16.4	58
21	Co-managing carbon and air quality: pros and cons of local sustainability initiatives. <i>Journal of Environmental Planning and Management</i> , 2014, 57, 1266-1283.	4.5	10
22	Spatial planning of public charging points using multi-dimensional analysis of early adopters of electric vehicles for a city region. <i>Technological Forecasting and Social Change</i> , 2014, 89, 188-200.	11.6	72
23	Impact evaluation of green-grey infrastructure interaction on built-space integrity: An emerging perspective to urban ecosystem service. <i>Science of the Total Environment</i> , 2014, 487, 350-360.	8.0	51
24	Systems scale assessment of the sustainability implications of emerging green initiatives. <i>Environmental Pollution</i> , 2013, 183, 213-223.	7.5	13
25	Environmental appraisal of green production systems: Challenges faced by small companies using life cycle assessment. <i>International Journal of Production Research</i> , 2013, 51, 5884-5896.	7.5	61
26	Spatial Variation in Personal Exposure of Parking Attendants to Traffic Emissions in an Urban Conurbation. <i>The Open Atmospheric Science Journal</i> , 2012, 6, 78-83.	0.5	2
27	Estimation of age-related vulnerability to air pollution: Assessment of respiratory health at local scale. <i>Environment International</i> , 2011, 37, 829-837.	10.0	28
28	Air flow and concentration fields at urban road intersections for improved understanding of personal exposure. <i>Environment International</i> , 2011, 37, 1005-1018.	10.0	37
29	Mitigating secondary aerosol generation potentials from biofuel use in the energy sector. <i>Science of the Total Environment</i> , 2010, 408, 607-616.	8.0	5
30	Towards greening a university campus: The case of the University of Maribor, Slovenia. <i>Resources, Conservation and Recycling</i> , 2009, 53, 639-644.	10.8	53
31	An integrated tool to assess the role of new planting in PM10 capture and the human health benefits: A case study in London. <i>Environmental Pollution</i> , 2009, 157, 2645-2653.	7.5	133
32	Collection of ambient particulate matter by porous vegetation barriers: Sampling and characterization methods. <i>Journal of Aerosol Science</i> , 2008, 39, 40-47.	3.8	38
33	Inferring the source strength of isoprene from ambient concentrations. <i>Environmental Modelling and Software</i> , 2007, 22, 1281-1293.	4.5	8
34	Modelling the size-dependent collection efficiency of hedgerows for ambient aerosols. <i>Journal of Aerosol Science</i> , 2006, 37, 990-1015.	3.8	57
35	Measurements of atmospheric aerosol size distributions by co-located optical particle counters. <i>Journal of Environmental Monitoring</i> , 2004, 6, 734.	2.1	7