

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 | Functional traits of urban trees: air pollution mitigation potential. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 543-550. | 4.0 | 255 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Modelling the size-dependent collection efficiency of hedgerows for ambient aerosols. <i>Journal of Aerosol Science</i> , 2006, 37, 990-1015. | 3.8 | 57 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Measurement and analysis of household carbon: The case of a UK city. <i>Applied Energy</i> , 2016, 164, 871-881. | 10.1 | 39 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Systems scale assessment of the sustainability implications of emerging green initiatives. <i>Environmental Pollution</i> , 2013, 183, 213-223. | 7.5 | 13 |
| 18 | Urban Trees and Their Relation to Air Pollution. <i>Future City</i> , 2017, , 21-30. | 0.5 | 13 |

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|----|---|-----|-----------|
| 19 | Co-managing carbon and air quality: pros and cons of local sustainability initiatives. Journal of Environmental Planning and Management, 2014, 57, 1266-1283. | 4.5 | 10 |
| 20 | Management of nature-based goods and services provisioning from the urban common: a pan-European perspective. Urban Ecosystems, 2020, 23, 645-657. | 2.4 | 10 |
| 21 | Inferring the source strength of isoprene from ambient concentrations. Environmental Modelling and Software, 2007, 22, 1281-1293. | 4.5 | 8 |
| 22 | Measurements of atmospheric aerosol size distributions by co-located optical particle counters. Journal of Environmental Monitoring, 2004, 6, 734. | 2.1 | 7 |
| 23 | Mitigating secondary aerosol generation potentials from biofuel use in the energy sector. Science of the Total Environment, 2010, 408, 607-616. | 8.0 | 5 |
| 24 | Species-Specific Information for Enhancing Ecosystem Services. Future City, 2017, , 111-144. | 0.5 | 3 |
| 25 | Assessment of autonomous renewable energy system operability under extreme events and disasters. Sustainable Energy Technologies and Assessments, 2021, 44, 100995. | 2.7 | 3 |
| 26 | Spatial Variation in Personal Exposure of Parking Attendants to Traffic Emissions in an Urban Conurbation. The Open Atmospheric Science Journal, 2012, 6, 78-83. | 0.5 | 2 |
| 27 | Ambient air quality. , 2018, , 229-287. | | 2 |
| 28 | Advance Oxidation Process (AOP) of Bisphenol A Using a Novel Surface-Functionalised Polyacrylonitrile (PAN) Fibre Catalyst. Water (Switzerland), 2022, 14, 640. | 2.7 | 2 |
| 29 | Delivery of Goods and Services. Future City, 2017, , 59-65. | 0.5 | 0 |
| 30 | Air quality standards and legislations. , 2018, , 603-645. | | 0 |
| 31 | Noise and light pollution. , 2018, , 583-601. | | 0 |
| 32 | Gaseous air pollutants. , 2018, , 35-83. | | 0 |
| 33 | Air pollution control and mitigation. , 2018, , 361-413. | | 0 |
| 34 | Particulate matter. , 2018, , 85-137. | | 0 |
| 35 | Air pollution impacts on ozone. , 2018, , 539-582. | | 0 |