

Duckshin Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5205935/publications.pdf>

Version: 2024-02-01

35
papers

1,231
citations

567144

15
h-index

377752

34
g-index

35
all docs

35
docs citations

35
times ranked

1488
citing authors

#	ARTICLE	IF	CITATIONS
1	Indoor Air Pollution, Related Human Diseases, and Recent Trends in the Control and Improvement of Indoor Air Quality. International Journal of Environmental Research and Public Health, 2020, 17, 2927.	1.2	300
2	Chitosan Combined with ZnO, TiO ₂ and Ag Nanoparticles for Antimicrobial Wound Healing Applications: A Mini Review of the Research Trends. Polymers, 2017, 9, 21.	2.0	179
3	Recent Insights into Particulate Matter (PM _{2.5})-Mediated Toxicity in Humans: An Overview. International Journal of Environmental Research and Public Health, 2022, 19, 7511.	1.2	128
4	Systematic Review and Meta-Analysis of Human Skin Diseases Due to Particulate Matter. International Journal of Environmental Research and Public Health, 2017, 14, 1458.	1.2	104
5	Recent Trends of Sunscreen Cosmetic: An Update Review. Cosmetics, 2019, 6, 64.	1.5	78
6	Generation of Nanoparticles from Friction between Railway Brake Disks and Pads. Environmental Science & Technology, 2016, 50, 3453-3461.	4.6	60
7	Source identification of PM ₁₀ pollution in subway passenger cabins using positive matrix factorization. Atmospheric Environment, 2012, 49, 180-185.	1.9	57
8	Emission Characteristics of Particulate Matter and Volatile Organic Compounds in Cow Dung Combustion. Environmental Science & Technology, 2013, 47, 12952-12957.	4.6	33
9	Sources and Characteristics of Particulate Matter in Subway Tunnels in Seoul, Korea. International Journal of Environmental Research and Public Health, 2018, 15, 2534.	1.2	33
10	Size distribution analysis of airborne wear particles released by subway brake system. Wear, 2017, 372-373, 169-176.	1.5	30
11	Prediction of Aerosol Deposition in the Human Respiratory Tract via Computational Models: A Review with Recent Updates. Atmosphere, 2020, 11, 137.	1.0	29
12	Identification of the sources of PM ₁₀ in a subway tunnel using positive matrix factorization. Journal of the Air and Waste Management Association, 2014, 64, 1361-1368.	0.9	27
13	Particulate Matter Exposure of Passengers at Bus Stations: A Review. International Journal of Environmental Research and Public Health, 2018, 15, 2886.	1.2	23
14	The effects of operating conditions on particulate matter exhaust from diesel locomotive engines. Science of the Total Environment, 2012, 419, 76-80.	3.9	22
15	Correlation of PM_{10} and $\text{PM}_{2.5}$ concentrations with Fe_2O_3 nanoparticles with the toxicity of particulate matter originating from subway tunnels in Seoul stations, Korea. Journal of Hazardous Materials, 2010, 185, 1211-1217.	6.5	21
16	Emission Characteristics of Particulate Matter, Volatile Organic Compounds, and Trace Elements from the Combustion of Coals in Mongolia. International Journal of Environmental Research and Public Health, 2018, 15, 1706.	1.2	14
17	Generation Characteristics of Nanoparticles Emitted from Subways in Operation. Aerosol and Air Quality Research, 2018, 18, 2230-2239.	0.9	14
18	Effect of a fuel activation device (FAD) on particulate matter and black carbon emissions from a diesel locomotive engine. Science of the Total Environment, 2017, 575, 97-102.	3.9	9

#	ARTICLE	IF	CITATIONS
19	Characteristics of Particulate Matter and Volatile Organic Compound Emissions from the Combustion of Waste Vinyl. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1390.	1.2	9
20	Inactivation of filter bound aerosolized MS2 bacteriophages using a non-conductive ultrasound transducer. <i>Journal of Virological Methods</i> , 2018, 255, 76-81.	1.0	7
21	A Study on Characteristic Emission Factors of Exhaust Gas from Diesel Locomotives. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3788.	1.2	7
22	Development and Calibration of A Particulate Matter Measurement Device with Wireless Sensor Network Function. <i>International Journal of Environmental Monitoring and Analysis</i> , 2013, 1, 15.	0.2	7
23	Study on Characteristics of Particulate Matter Resuspension in School Classroom through Experiments Using a Simulation Chamber: Influence of Humidity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2856.	1.2	6
24	Reduction of Escherichia Coli Using Metal Plates with the Influenced of Applied Low Current and Physical Barrier of Filter Layers. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3887.	1.2	5
25	The Characteristics and Distribution of Chemical Components in Particulate Matter Emissions from Diesel Locomotives. <i>Atmosphere</i> , 2021, 12, 70.	1.0	5
26	A UAV-Based Air Quality Evaluation Method for Determining Fugitive Emissions from a Quarry during the Railroad Life Cycle. <i>Sensors</i> , 2021, 21, 3206.	2.1	5
27	Estimation of particulate matters in subway tunnels using a kriging method. <i>Journal of Odor and Indoor Environment</i> , 2016, 15, 126-133.	0.1	5
28	Solid Oxygen-Purifying (SOP) Filters: A Self-Disinfecting Filters to Inactivate Aerosolized Viruses. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7858.	1.2	3
29	A New Method of Removing Fine Particulates Using an Electrostatic Force. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6199.	1.2	3
30	Analysis of the Airflow Generated by Human Activity Using a Mobile Slipstream Measuring Device. <i>Environments - MDPI</i> , 2021, 8, 97.	1.5	2
31	Quantification of the Ecological Value of Railroad Development Areas Using Logistic Regression Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11764.	1.2	2
32	Extremely low-frequency magnetic field exposure level for Koreans by occupational code. <i>Emerging Contaminants</i> , 2018, 4, 40-46.	2.2	1
33	Determination of the Optimum Removal Efficiency of Fine Particulate Matter Using Activated Carbon Fiber (ACF). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8230.	1.2	1
34	Study on the estimation of configuration ratio of ion compound with carbonate in subway. <i>Journal of Odor and Indoor Environment</i> , 2016, 15, 154-163.	0.1	1
35	Characteristics of Inflow and Outflow of Particulate Matters by Train-induced Wind through Natural Shift in Subway Tunnel. <i>Journal of Korean Society for Atmospheric Environment</i> , 2022, 38, 46-56.	0.2	1