Abhrajyoti Tarafdar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7190916/publications.pdf

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24	758	567144	580701
papers	citations	15	25
		h-index	g-index

25	25	25	834
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of soil pH on the sorption capacity of soil organic matter for polycyclic aromatic hydrocarbons in unsaturated soils. Pedosphere, 2023, 33, 365-371.	2.1	6
2	Profiling of seasonal variation in and cancer risk assessment of benzo(a)pyrene and heavy metals in drinking water from Kirkuk city, Iraq. Environmental Science and Pollution Research, 2022, 29, 22203-22222.	2.7	3
3	Profiling and assessing soil-air exchange of polycyclic aromatic hydrocarbons (PAHs) in playground dust and soil using ex situ equilibrium passive sampling. Chemosphere, 2022, 291, 133083.	4.2	7
4	Differential staining lowers the false positive detection in a novel volumetric measurement technique of microplastics. Journal of Hazardous Materials, 2022, 432, 128755.	6.5	16
5	Biofilm development of Bacillus siamensis ATKU1 on pristine short chain low-density polyethylene: A case study on microbe-microplastics interaction. Journal of Hazardous Materials, 2021, 409, 124516.	6.5	32
6	Profiling and Health Risk Assessment of PAHs Content in Tandoori and Tawa Bread from India. Polycyclic Aromatic Compounds, 2020, 40, 21-32.	1.4	21
7	Assessment of Serratia sp. isolated from iron ore mine in hexavalent chromium reduction: kinetics, fate and variation in cellular morphology. Environmental Technology (United Kingdom), 2020, 41, 1117-1126.	1.2	7
8	Health Risk Assessment from Polycyclic Aromatic Hydrocarbons (PAHs) Present in Dietary Components: A Meta-analysis on a Global Scale. Polycyclic Aromatic Compounds, 2020, 40, 850-861.	1.4	16
9	Profiling and potential cancer risk assessment on children exposed to PAHs in playground dust/soil: a comparative study on poured rubber surfaced and classical soil playgrounds in Seoul. Environmental Geochemistry and Health, 2020, 42, 1691-1704.	1.8	22
10	Effect of Glucose Cometabolism on Biodegradation of Gabapentin (an Anticonvulsant Drug) by Gram-Positive Bacteria Micrococcus luteus N.ISM.1. Applied Biochemistry and Microbiology, 2020, 56, 433-440.	0.3	6
11	Microplastics in Food: A Review on Analytical Methods and Challenges. International Journal of Environmental Research and Public Health, 2020, 17, 6710.	1.2	89
12	Discussion on the technical note entitled, â€œpublic health risk assessment following exposure to PAH-contaminated soils - specific considerations for bioaccessibility and other exposure parametersâ€• Science of the Total Environment, 2019, 656, 1448-1451.	3.9	1
13	Polycyclic Aromatic Hydrocarbons (PAHs) Pollution Generated from Coal-Fired Thermal Power Plants: Formation Mechanism, Characterization, and Profiling. Energy, Environment, and Sustainability, 2019, , 73-90.	0.6	10
14	Impact of Ammonia Nitrogen on COD Removal Efficiency in Anaerobic Hybrid Membrane Bioreactor Treating Synthetic Leachate. International Journal of Environmental Research, 2019, 13, 59-65.	1.1	8
15	Health risk assessment and source study of PAHs from roadside soil dust of a heavy mining area in India. Archives of Environmental and Occupational Health, 2019, 74, 252-262.	0.7	37
16	Biofilm development of Bacillus thuringiensis on MWCNT buckypaper: Adsorption-synergic biodegradation of phenanthrene. Ecotoxicology and Environmental Safety, 2018, 157, 327-334.	2.9	21
17	Public health risk assessment with bioaccessibility considerations for soil PAHs at oil refinery vicinity areas in India. Science of the Total Environment, 2018, 616-617, 1477-1484.	3.9	48
18	Effect of bioflocculants on the coagulation activity of alum for removal of trihalomethane precursors from low turbid water. Journal of Environmental Sciences, 2018, 70, 1-10.	3.2	22

#	Article	IF	Citations
19	Estimation of decrease in cancer risk by biodegradation of PAHs content from an urban traffic soil. Environmental Science and Pollution Research, 2017, 24, 10373-10380.	2.7	29
20	Mononuclear metal (II) complexes of a Bis(organoamido)phosphate ligand with antimicrobial activities against Escherichia coli. Applied Organometallic Chemistry, 2017, 31, e3821.	1.7	3
21	Synthesis, spectroscopic and single crystal X-ray studies on three new mononuclear Ni(II) pincer type complexes: DFT calculations and their antimicrobial activities. Journal of Molecular Structure, 2017, 1141, 428-435.	1.8	26
22	Biodegradation of anthracene by a newly isolated bacterial strain,Bacillus thuringiensisAT.ISM.1, isolated from a fly ash deposition site. Letters in Applied Microbiology, 2017, 65, 327-334.	1.0	35
23	Cancer Risk Assessment of Polycyclic Aromatic Hydrocarbons in the Soils and Sediments of India: A Meta-Analysis. Environmental Management, 2017, 60, 784-795.	1.2	30
24	Polycyclic aromatic hydrocarbons (PAHs) concentration levels, pattern, source identification and soil toxicity assessment in urban traffic soil of Dhanbad, India. Science of the Total Environment, 2016, 545-546, 353-360.	3.9	201