

Khamphe Phoungthong

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,079
citations

471061

17
h-index

476904

29
g-index

51
all docs

51
docs citations

51
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiesel produced using potassium methoxide homogeneous alkaline catalyst: effects of various factors on soap formation. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 9237-9247.	2.9	6
2	Distribution of heavy metals in water and sediment of an urban river in a developing country: A probabilistic risk assessment. <i>International Journal of Sediment Research</i> , 2022, 37, 173-187.	1.8	70
3	Geochemical speciation and bioaccumulation of trace elements in different tissues of pumpkin in the abandoned soils: Health hazard perspective in a developing country. <i>Toxin Reviews</i> , 2022, 41, 1124-1138.	1.5	12
4	Potential toxic elements in sediment and fishes of an important fish breeding river in Bangladesh: a preliminary study for ecological and health risks assessment. <i>Toxin Reviews</i> , 2022, 41, 945-958.	1.5	18
5	Contamination and ecological risk assessment of heavy metals in water and sediment from hubs of fish resource river in a developing country. <i>Toxin Reviews</i> , 2022, 41, 1253-1268.	1.5	13
6	Potentially toxic elements in vegetable and rice species in Bangladesh and their exposure assessment. <i>Journal of Food Composition and Analysis</i> , 2022, 106, 104350.	1.9	18
7	Microplastic pollution in urban Lake Phewa, Nepal: the first report on abundance and composition in surface water of lake in different seasons. <i>Environmental Science and Pollution Research</i> , 2022, 29, 39928-39936.	2.7	25
8	Use of hybrid MCDM methods for site location of solar-powered hydrogen production plants in Uzbekistan. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 101979.	1.7	14
9	FDI, Green Innovation and Environmental Quality Nexus: New Insights from BRICS Economies. <i>Sustainability</i> , 2022, 14, 2181.	1.6	76
10	Phthalate Esters in Tap Water, Southern Thailand: Daily Exposure and Cumulative Health Risk in Infants, Lactating Mothers, Pregnant and Nonpregnant Women. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2187.	1.2	12
11	Characteristics of Biochars Derived from the Pyrolysis and Co-Pyrolysis of Rubberwood Sawdust and Sewage Sludge for Further Applications. <i>Sustainability</i> , 2022, 14, 3829.	1.6	20
12	Environmental geochemistry of higher radioactivity in a transboundary Himalayan river sediment (Brahmaputra, Bangladesh): potential radiation exposure and health risks. <i>Environmental Science and Pollution Research</i> , 2022, 29, 57357-57375.	2.7	15
13	Assessing the Spectral Information of Sentinel-1 and Sentinel-2 Satellites for Above-Ground Biomass Retrieval of a Tropical Forest. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 199.	1.4	2
14	Evaluation of environmental radioactivity in soils around a coal burning power plant and a coal mining area in Barapukuria, Bangladesh: Radiological risks assessment. <i>Chemical Geology</i> , 2022, 600, 120865.	1.4	28
15	Intrinsic characteristics of coal combustion residues and their environmental impacts: A case study for Bangladesh. <i>Fuel</i> , 2022, 324, 124711.	3.4	18
16	Heavy metals from different land use soil in the capital of ancient Pundranagar, Bangladesh: a preliminary study for ecological risk assessment. <i>Chemistry and Ecology</i> , 2022, 38, 720-743.	0.6	11
17	Performance Comparison between Particle Swarm Optimization and Differential Evolution Algorithms for Postman Delivery Routing Problem. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2703.	1.3	7
18	The removal of Pb ²⁺ ion by MnFe ₂ O ₄ /waste tea leaves biochar and mechanism of adsorption. <i>Materials Research Express</i> , 2021, 8, 015505.	0.8	5

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19	Utilization of Cassava Wastewater for Low-Cost Production of Prodigiosin via <i>Serratia marcescens</i> TNU01 Fermentation and Its Novel Potent \pm -Glucosidase Inhibitory Effect. <i>Molecules</i> , 2021, 26, 6270.	1.7	15
20	Determine the Land-Use Land-Cover Changes, Urban Expansion and Their Driving Factors for Sustainable Development in Gazipur Bangladesh. <i>Atmosphere</i> , 2021, 12, 1353.	1.0	22
21	Spatial Pattern of Air Pollutant Concentrations and Their Relationship with Meteorological Parameters in Coastal Slum Settlements of Lagos, Southwestern Nigeria. <i>Atmosphere</i> , 2021, 12, 1426.	1.0	8
22	Barriers to Electric Vehicle Adoption in Thailand. <i>Sustainability</i> , 2021, 13, 12839.	1.6	26
23	An Effective Evaluation on Fault Detection in Solar Panels. <i>Energies</i> , 2021, 14, 7770.	1.6	37
24	Simultaneous appraisals of pathway and probable health risk associated with trace metals contamination in groundwater from Barapukuria coal basin, Bangladesh. <i>Chemosphere</i> , 2020, 242, 125183.	4.2	95
25	Magnetic biochar derived from sewage sludge of concentrated natural rubber latex (CNRL) for the removal of Al ³⁺ and Cu ²⁺ ions from wastewater. <i>Research on Chemical Intermediates</i> , 2020, 46, 385-407.	1.3	20
26	Enhancement the rhodamine 6G adsorption property on Fe ₃ O ₄ -composited biochar derived from rice husk. <i>Materials Research Express</i> , 2020, 7, 025511.	0.8	23
27	Facile synthesis of corncob biochar via in-house modified pyrolysis for removal of methylene blue in wastewater. <i>Materials Research Express</i> , 2020, 7, 015518.	0.8	25
28	Cadmium (II) removal from aqueous solution using magnetic spent coffee ground biochar: Kinetics, isotherm and thermodynamic adsorption. <i>Materials Research Express</i> , 2020, 7, 085503.	0.8	18
29	Green synthesis of low-cost and eco-friendly adsorbent for dye and pharmaceutical adsorption: kinetic, isotherm, thermodynamic and regeneration studies. <i>Materials Research Express</i> , 2019, 6, 125526.	0.8	13
30	Assessment of natural radioactivity in coals and coal combustion residues from a coal-based thermoelectric plant in Bangladesh: implications for radiological health hazards. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 27.	1.3	37
31	Distribution of naturally occurring radionuclides in soil around a coal-based power plant and their potential radiological risk assessment. <i>Radiochimica Acta</i> , 2019, 107, 243-259.	0.5	57
32	Investigation of Hydrochar Derived from Male Oil Palm Flower: Characteristics and Application for Dye Removal. <i>Polish Journal of Environmental Studies</i> , 2019, 29, 807-815.	0.6	18
33	Phytotoxicity and groundwater impacts of leaching from thermal treatment residues in roadways. <i>Journal of Environmental Sciences</i> , 2018, 63, 58-67.	3.2	11
34	Leaching characteristics and phytotoxic effects of sewage sludge biochar. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 2089-2099.	1.6	31
35	Leachate phytotoxicity of flue gas desulfurization residues from coal-fired power plant. <i>Environmental Science and Pollution Research</i> , 2018, 25, 19808-19817.	2.7	2
36	Evaluating the Potential Reutilizing of Fly Ash and Bottom Ash in Thailand. <i>Iranian Journal of Public Health</i> , 2018, 47, 917-918.	0.3	1

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37	Comparison of particulate matter and polycyclic aromatic hydrocarbons in emissions from IDI-turbo diesel engine fueled by palm oil "diesel blends during long-term usage. Atmospheric Pollution Research, 2017, 8, 344-350.	1.8	14
38	Leaching toxicity characteristics of municipal solid waste incineration bottom ash. Frontiers of Environmental Science and Engineering, 2016, 10, 399-411.	3.3	35
39	Leaching characteristics of calcium-based compounds in MSWI Residues: From the viewpoint of clogging risk. Waste Management, 2015, 42, 93-100.	3.7	33
40	Relationship between anaerobic digestion of biodegradable solid waste and spectral characteristics of the derived liquid digestate. Bioresource Technology, 2014, 161, 69-77.	4.8	30
41	Synthesis, Characterization, Crystal Structure, TGA and Blue Fluorescence of 6-(4-Chlorophenyl)-4-(4-methoxyphenyl)-2-methoxynicotinonitrile. Journal of Chemical Crystallography, 2013, 43, 538-543.	0.5	3
42	Evaluation of a classification method for biodegradable solid wastes using anaerobic degradation parameters. Waste Management, 2013, 33, 2632-2640.	3.7	84
43	Emissions of particulate matter and associated polycyclic aromatic hydrocarbons from agricultural diesel engine fueled with degummed, deacidified mixed crude palm oil blends. Journal of Environmental Sciences, 2013, 25, 751-757.	3.2	13
44	6-(4-Aminophenyl)-2-methoxy-4-phenylnicotinonitrile. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1816-o1817.	0.2	1
45	3-(4-Aminophenyl)-5-(4-methoxyphenyl)-4,5-dihydro-1H-pyrazole-1-carbothioamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1227-o1228.	0.2	0
46	Influence of trimethoxy-substituted positions on fluorescence of heteroaryl chalcone derivatives. Chemical Papers, 2011, 65, .	1.0	11
47	Geochemical variation and contamination level of potentially toxic elements in land-uses urban soils. International Journal of Environmental Analytical Chemistry, 0, , 1-18.	1.8	16
48	Physicochemical properties of water in an intensive agricultural region in Bangladesh: a preliminary study for water quality and health risk assessment. International Journal of Environmental Analytical Chemistry, 0, , 1-22.	1.8	4