# Shukra Raj Paudel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5154882/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 20 papers | 498 citations | 933447 10 h-index | 752698 20 g-index |
| 21 all docs | 21 docs citations | 21 times ranked | 662 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Pretreatment of agricultural biomass for anaerobic digestion: Current state and challenges. Bioresource Technology, 2017, 245, 1194-1205. | 9.6 | 261 |
| 2 | Effects of temperature on nitrous oxide (N2O) emission from intensive aquaculture system. Science of the Total Environment, 2015, 518-519, 16-23. | 8.0 | 46 |
| 3 | Earthquake chemical precursors in groundwater: a review. Journal of Seismology, 2018, 22, 1293-1314. | 1.3 | 33 |
| 4 | Nitrogen transformation in engineered aquaponics with water celery (Oenanthe javanica) and koi carp (Cyprinus carpio): Effects of plant to fish biomass ratio. Aquaculture, 2020, 520, 734971. | 3.5 | 21 |
| 5 | Multi-stage pre-treatment of lignocellulosic biomass for multi-product biorefinery: A review. Sustainable Energy Technologies and Assessments, 2022, 49, 101702. | 2.7 | 21 |
| 6 | Applications of smart grid technology in Nepal: status, challenges, and opportunities. Environmental Science and Pollution Research, 2023, 30, 25452-25476. | 5.3 | 20 |
| 7 | Investigation of Pre-Earthquake Ionospheric and Atmospheric Disturbances for Three Large Earthquakes in Mexico. Geosciences (Switzerland), 2021, 11, 16. | 2.2 | 14 |
| 8 | Potential modification of groundwater arsenic removal filter commonly used in Nepal: A review. Groundwater for Sustainable Development, 2021, 12, 100549. | 4.6 | 13 |
| 9 | Effect of temperature on turbidity removal by coagulation: Sludge recirculation for rapid settling. Journal of Water Process Engineering, 2022, 46, 102559. | 5.6 | 13 |
| 10 | Potential application of enhanced phytoremediation for heavy metals treatment in Nepal. Chemosphere, 2022, 306, 135581. | 8.2 | 13 |
| 11 | Estimation of greenhouse gases emission from domestic wastewater in Nepal: A scenario-based analysis applicable for developing countries. Chemosphere, 2022, 300, 134501. | 8.2 | 12 |
| 12 | Nitrogen recovery via aquaponics in Nepal: current status, prospects, and challenges. SN Applied Sciences, 2020, 2, 1. | 2.9 | 7 |
| 13 | WASTEWATER AND BIOGAS PRODUCTION IN KATHMANDU VALLEY, NEPAL: CHALLENGES AND OPPORTUNITIES. Environmental Engineering and Management Journal, 2021, 20, 257-266. | 0.6 | 5 |
| 14 | Potential nitrous oxide (N<sub>2</sub>O) emission from aquaculture in Nepal. International Journal of Environmental Studies, 2019, 76, 318-328. | 1.6 | 4 |
| 15 | Assessment of technologies for water quality control of the Bagmati River in Kathmandu valley, Nepal. Groundwater for Sustainable Development, 2022, 18, 100770. | 4.6 | 4 |
| 16 | Earthquake - Science in Himalayas: Ground Water Quality Change and its Implications. Journal of the Institute of Engineering, 2018, 13, 201-205. | 0.3 | 3 |
| 17 | Optimisation of dual coagulation process for the removal of turbidity in source water using streaming potential. Groundwater for Sustainable Development, 2022, 16, 100714. | 4.6 | 3 |
| 18 | Enzymatic Hydrolysis Intensification of Lignocellulolytic Enzymes Through Ultrasonic Treatment. Bioenergy Research, 2022, 15, 875-888. | 3.9 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Spatial and temporal distribution of arsenic contamination in groundwater of Nawalparasi-West, Nepal: an investigation with suggested countermeasures for South Asian Region. Environmental Monitoring and Assessment, 2022, 194, . | 2.7 | 2 |
| 20 | Real Time Monitoring of Groundwater Fluorescence: Principle and Applicability in Nepal. Journal of the Institute of Engineering, 2020, 15, 137-143. | 0.3 | 1 |