

# Shukra Raj Paudel

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	Applications of smart grid technology in Nepal: status, challenges, and opportunities. Environmental Science and Pollution Research, 2023, 30, 25452-25476.	5.3	20
2	Enzymatic Hydrolysis Intensification of Lignocellulolytic Enzymes Through Ultrasonic Treatment. Bioenergy Research, 2022, 15, 875-888.	3.9	2
3	Multi-stage pre-treatment of lignocellulosic biomass for multi-product biorefinery: A review. Sustainable Energy Technologies and Assessments, 2022, 49, 101702.	2.7	21
4	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
5	Effect of temperature on turbidity removal by coagulation: Sludge recirculation for rapid settling. Journal of Water Process Engineering, 2022, 46, 102559.	5.6	13
6	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
7	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
8	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
9	Potential application of enhanced phytoremediation for heavy metals treatment in Nepal. Chemosphere, 2022, 306, 135581.	8.2	13
10	WASTEWATER AND BIOGAS PRODUCTION IN KATHMANDU VALLEY, NEPAL: CHALLENGES AND OPPORTUNITIES. Environmental Engineering and Management Journal, 2021, 20, 257-266.	0.6	5
11	Potential modification of groundwater arsenic removal filter commonly used in Nepal: A review. Groundwater for Sustainable Development, 2021, 12, 100549.	4.6	13
12	Investigation of Pre-Earthquake Ionospheric and Atmospheric Disturbances for Three Large Earthquakes in Mexico. Geosciences (Switzerland), 2021, 11, 16.	2.2	14
13	Nitrogen recovery via aquaponics in Nepal: current status, prospects, and challenges. SN Applied Sciences, 2020, 2, 1.	2.9	7
14	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
15	Real Time Monitoring of Groundwater Fluorescence: Principle and Applicability in Nepal. Journal of the Institute of Engineering, 2020, 15, 137-143.	0.3	1
16	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
17	Earthquake chemical precursors in groundwater: a review. Journal of Seismology, 2018, 22, 1293-1314.	1.3	33
18	Earthquake - Science in Himalayas: Ground Water Quality Change and its Implications. Journal of the Institute of Engineering, 2018, 13, 201-205.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Pretreatment of agricultural biomass for anaerobic digestion: Current state and challenges. <i>Bioresource Technology</i> , 2017, 245, 1194-1205.	9.6	261
20	Effects of temperature on nitrous oxide (N <sub>2</sub> O) emission from intensive aquaculture system. <i>Science of the Total Environment</i> , 2015, 518-519, 16-23.	8.0	46