Ashok Pandey

List of Articles by Year in descending order

44 PR articles	3,457 PR citations	200625 27 PR h-index	276547 42 g-index
59 documents	4065 doc citations	214072 28 h-index	7215 citing authors

#	Article	IF	Citations
1	Physical, mental and social status after COVID-19 recovery in Nepal: A mixed method study. PLoS ONE, 2023, 18, e0290693.	2.3	4
2	Effect of sewage sludge biochar on the soil nutrient, microbial abundance, and plant biomass: A sustainable approach towards mitigation of solid waste. Chemosphere, 2022, 287, 132112.	8.2	71
3	Upgrading the value of anaerobic fermentation via renewable chemicals production: A sustainable integration for circular bioeconomy. Science of the Total Environment, 2022, 806, 150312.	8.4	67
4	Potential utilization of dairy industries by-products and wastes through microbial processes: A critical review. Science of the Total Environment, 2022, 810, 152253.	8.4	112
5	A dual chamber microbial fuel cell based biosensor for monitoring copper and arsenic in municipal wastewater. Science of the Total Environment, 2022, 811, 152261.	8.4	43
6	Bacterial biopolymers: From production to applications in biomedicine. Sustainable Chemistry and Pharmacy, 2022, 25, 100582.	3.5	21
7	Recent advances in circular bioeconomy based clean technologies for sustainable environment. Journal of Water Process Engineering, 2022, 46, 102534.	6.2	29
8	Advances on tailored biochar for bioremediation of antibiotics, pesticides and polycyclic aromatic hydrocarbon pollutants from aqueous and solid phases. Science of the Total Environment, 2022, 817, 153054.	8.4	84
9	Recycling of cathode material from spent lithium-ion batteries: Challenges and future perspectives. Journal of Hazardous Materials, 2022, 429, 128312.	12.5	215
10	Genotoxicity evaluation of paper industry wastewater prior and post-treatment with laccase producing Pseudomonas putida MTCC 7525. Journal of Cleaner Production, 2022, 342, 130981.	9.5	39
11	Biomass-derived biochar: From production to application in removing heavy metal-contaminated water. Chemical Engineering Research and Design, 2022, 160, 704-733.	6.2	164
12	Bacterial bioactive metabolites as therapeutic agents: From production to action. Sustainable Chemistry and Pharmacy, 2022, 27, 100650.	3.5	12
13	Perspective review on Municipal Solid Waste-to-energy route: Characteristics, management strategy, and role in circular economy. Journal of Cleaner Production, 2022, 359, 131897.	9.5	245
14	Occurrence of emerging sulfonamide resistance (sul1 and sul2) associated with mobile integrons-integrase (intl1 and intl2) in riverine systems. Science of the Total Environment, 2021, 751, 142217.	8.4	88
15	Prevalence and hazardous impact of pharmaceutical and personal care products and antibiotics in environment: A review on emerging contaminants. Environmental Research, 2021, 194, 110664.	7.8	615
16	Sustainable green processing of grape pomace for the production of value-added products: An overview. Environmental Technology and Innovation, 2021, 23, 101592.	6.5	122
17	Microbial dynamics during anaerobic digestion of sewage sludge combined with food waste at high organic loading rates in immersed membrane bioreactors. Fuel, 2021, 303, 121276.	7.4	94
18	Performance of a dual-chamber microbial fuel cell as biosensor for on-line measuring ammonium nitrogen in synthetic municipal wastewater. Science of the Total Environment, 2021, 795, 148755.	8.4	28

#	Article	IF	Citations
19	Promising eco-friendly biomaterials for future biomedicine: Cleaner production and applications of Nanocellulose. Environmental Technology and Innovation, 2021, 24, 101855.	6.5	22
20	Recent advances in biodiesel production: Challenges and solutions. Science of the Total Environment, 2021, 794, 148751.	8.4	301
21	Isobutanol production by Candida glabrata â€“ A potential organism for future fuel demands. Fuel, 2021, 306, 121634.	7.4	3
22	Adsorptive and photocatalytic properties of metal oxides towards arsenic remediation from water: A review. Journal of Environmental Chemical Engineering, 2021, 9, 106376.	6.1	58
23	A critical review on advances in the practices and perspectives for the treatment of dye industry wastewater. Bioengineered, 2021, 12, 70-87.	4.0	612
24	Microbial engineering for the production of isobutanol: current status and future directions. Bioengineered, 2021, 12, 12308-12321.	4.0	47
25	Possibility of Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) through Wastewater in Developing Countries. Water (Switzerland), 2021, 13, 3412.	2.7	3
26	Sustainability and life cycle assessments of lignocellulosic and algal pretreatments. Bioresource Technology, 2020, 301, 122678.	9.7	71
27	Critical review on bioconversion of winery wastes into value-added products. Industrial Crops and Products, 2020, 158, 112954.	5.8	43
28	Microbial Electro-Remediation (MER) of hazardous waste in aid of sustainable energy generation and resource recovery. Environmental Technology and Innovation, 2020, 19, 100997.	6.5	43
29	Global Burden of Childhood Epilepsy, Intellectual Disability, and Sensory Impairments. Pediatrics, 2020, 146, e20192623.	4.5	179
30	Comprehensive review on the application of inorganic and organic nanoparticles for enhancing biohydrogen production. Fuel, 2020, 270, 117453.	7.4	199
31	Hyper-production of pullulan from de-oiled rice bran by Aureobasidium pullulans in a stirred tank reactor and its characterization. Bioresource Technology Reports, 2020, 11, 100494.	2.7	14
32	Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context. Renewable and Sustainable Energy Reviews, 2020, 131, 109965.	16.5	101
33	Telemedicine in Resource-Limited Setting: Narrative Synthesis of Evidence in Nepalese Context . Smart Homecare Technology and Telehealth, 2020, Volume 6, 1-14.	2.0	15
34	New coculture system of Clostridium spp. and Megasphaera hexanoica using submerged hollow-fiber membrane bioreactors for caproic acid production. Bioresource Technology, 2018, 270, 498-503.	9.7	37
35	Non-conventional Yeast cell factories for sustainable bioprocesses. FEMS Microbiology Letters, 2018, , .	1.9	39
36	Production of chitin deacetylase byAspergillus flavusin submerged conditions. Preparative Biochemistry and Biotechnology, 2016, 46, 501-508.	2.3	12

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37	Application of a new xylanase activity from Bacillus amyloliquefaciensXR44A in brewer's spent grain saccharification. Journal of Chemical Technology and Biotechnology, 2015, 90, 573-581.	2.7	72
38	Computational fluid dynamics modeling of gas dispersion in multi impeller bioreactor. Journal of Bioscience and Bioengineering, 2010, 109, 588-597.	2.8	72
39	Polyphasic Taxonomy of Novel Actinobacteria Showing Macromolecule Degradation Potentials in Bigeum Island, Korea. Current Microbiology, 2009, 59, 21-29.	2.3	12
40	Biodegradation of Polycyclic Aromatic Hydrocarbons by Laccase of Pycnoporus sanguineus and Toxicity Evaluation of Treated PAH. Biotechnology, 2008, 7, 669-677.	0.0	16
41	Purification, characterization and some studies on secondary structure of tannase from Aspergillus awamori nakazawa. Process Biochemistry, 2005, 40, 3251-3254.	3.9	62
42	Fermentative Production of Lactic Acid in Presence of some Trace Elements. Zentralblatt Fur Bakteriologie, Parasitenkunde, Infektionskrankheiten Und Hygiene Zweite Naturwissenschaftliche Abteilung: Mikrobiologie Der Landwirtschaft Der Technologie Und Des Umweltschutzes, 1980, 135, 523-526.	0.1	1
43	Lactic acid production from molasses by Lactobacillus bulgaricus AU in presence of U, Th, Zr, and Tl. Zentralblatt Fur Bakteriologie, Parasitenkunde, Infektionskrankheiten Und Hygiene Zweite Naturwissenschaftliche Abteilung: Mikrobiologie Der Landwirtschaft Der Technologie Und Des Umweltschutzes, 1980, 135, 226-229.	0.1	0
44	Current and future ABE processes. Biofuel Research Journal, 0, , 77-77.	12.5	22