

Nasir Ali

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

661
citations

759233

12
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	Ebselen suitably interacts with the potential SARS-CoV-2 targets: an <i>in-silico</i> approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12286-12301.	3.5	7
2	Opportunities for holistic waste stream valorization from food waste treatment facilities: a review. <i>Reviews in Chemical Engineering</i> , 2022, 38, 35-53.	4.4	8
3	Perspectives of nervonic acid production by <i>Yarrowia lipolytica</i> . <i>Biotechnology Letters</i> , 2022, 44, 193-202.	2.2	5
4	Co-Digestion of Household Black Water with Kitchen Waste for a Sustainable Decentralized Waste Management: Biochemical Methane Potential and Mixing Ratios Effects. <i>Environmental Engineering Science</i> , 2021, 38, 877-885.	1.6	7
5	Evaluation of bacterial association in methane generation pathways of an anaerobic digesting sludge via metagenomic sequencing. <i>Archives of Microbiology</i> , 2020, 202, 31-41.	2.2	16
6	Emerging technologies for the pretreatment of lignocellulosic materials for bio-based products. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 455-473.	3.6	56
7	Alkaline hydrogen peroxide pretreatment of bamboo culm for improved enzymatic release of reducing sugars using recombinant cellulases. <i>Cellulose</i> , 2020, 27, 769-779.	4.9	19
8	Dissecting microbial community structure in sewage treatment plant for pathogens' detection using metagenomic sequencing technology. <i>Archives of Microbiology</i> , 2020, 202, 825-833.	2.2	13
9	Swine manure valorization in fabrication of nutrition and energy. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 9921-9933.	3.6	2
10	A two-stage anaerobic bioconversion of corn stover: Impact of pure bacterial pretreatment on methane production. <i>Environmental Technology and Innovation</i> , 2020, 20, 101141.	6.1	6
11	Combinations of alkaline hydrogen peroxide and lithium chloride/N,N-dimethylacetamide pretreatments of corn stalk for improved biomethanation. <i>Environmental Research</i> , 2020, 186, 109563.	7.5	9
12	Construction of novel <i>Trichoderma orientalis</i> EU7-22, strain with improved β -glucosidase activity by cellobiohydrolase I promotor optimization from <i>Trichoderma reesei</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101223.	3.1	1
13	Pyrolysis coupled anaerobic digestion process for food waste and recalcitrant residues: Fundamentals, challenges, and considerations. <i>Energy Science and Engineering</i> , 2019, 7, 2250-2264.	4.0	30
14	Single and joint oxidative stress-related toxicity of sediment-associated cadmium and lead on <i>Bellamyia aeruginosa</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 24695-24706.	5.3	17
15	Metagenomic analysis and characterization of acidogenic microbiome and effect of pH on organic acid production. <i>Archives of Microbiology</i> , 2019, 201, 1163-1171.	2.2	17
16	Strategies to improve aerobic granular sludge stability and nitrogen removal based on feeding mode and substrate. <i>Journal of Environmental Sciences</i> , 2019, 84, 144-154.	6.1	46
17	Effect of biochar on reactor performance and methane generation during the anaerobic digestion of food waste treatment at long-run operations. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103067.	6.7	88
18	Dengue Outbreak in Peshawar: Clinical Features and Laboratory Markers of Dengue Virus Infection. <i>Journal of Infection and Public Health</i> , 2019, 12, 258-262.	4.1	12

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19	Numerical solution of hydromagnetic peristaltic flow in a porous-saturated heated channel. Thermal Science, 2019, 23, 3075-3091.	1.1	3
20	Aerobic granules cultivated with simultaneous feeding/draw mode and low-strength wastewater: Performance and bacterial community analysis. Bioresource Technology, 2018, 261, 232-239.	9.6	36
21	Hybrid AgNPs/MEH-PPV nanocomplexes with enhanced optical absorption and photoluminescence properties. New Journal of Chemistry, 2018, 42, 18991-18999.	2.8	6
22	Peristaltic Flow of Rabinowitsch Fluid in a Curved Channel: Mathematical Analysis Revisited. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 245-251.	1.5	7
23	Current Nucleic Acid Extraction Methods and Their Implications to Point-of-Care Diagnostics. BioMed Research International, 2017, 2017, 1-13.	1.9	199
24	Distribution of HCV Genotypes and RNA Viral Load Along with Hemato-Biochemical Analysis of HCV Patients in Rahim Yar Khan, Okara and Toba Tek Singh Districts of Punjab, Pakistan. Hepatitis Monthly, 2017, 17, .	0.2	1
25	Purification, characterization, gene cloning and sequencing of a new β -glucosidase from <i>Aspergillus niger</i> BE-2. Applied Biochemistry and Microbiology, 2016, 52, 564-571.	0.9	5
26	Functional expression and synergistic cooperation of xylan-degrading enzymes from <i>Hypocrea orientalis</i> and <i>Aspergillus niger</i> . Journal of Chemical Technology and Biotechnology, 2015, 90, 2083-2091.	3.2	19
27	Heterogeneous Expression and Functional Characterization of Cellulose-Degrading Enzymes from <i>Aspergillus niger</i> for Enzymatic Hydrolysis of Alkali Pretreated Bamboo Biomass. Molecular Biotechnology, 2015, 57, 859-867.	2.4	16
28	High Level Expression of β -Glucosidase by Recombinant <i>Pichia pastoris</i> Through the One-Phase Fermentation Based on Cheap Medium Optimized by Back-Propagation Neural Network-Genetic Algorithm. Journal of Bioprocess Engineering and Biorefinery, 2014, 3, 50-56.	0.2	0
29	Catalytic oxidation of odorous organic acids. Catalysis Today, 2000, 62, 347-353.	4.4	10