

Malik Badshah

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

829
citations

471509

17
h-index

526287

27
g-index

49
all docs

49
docs citations

49
times ranked

1037
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of bioethanol and biogas from <i>Spirodela polyrhiza</i> in a biorefinery concept and output energy analysis of the process. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 11219-11228.	4.6	3
2	Bio-catalytic transesterification of mustard oil for biodiesel production. <i>Biofuels</i> , 2022, 13, 69-76.	2.4	15
3	Targeting Acyl Homoserine Lactones (AHLs) by the quorum quenching bacterial strains to control biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1673-1682.	3.8	12
4	Enrichment of the hydrogenotrophic methanogens for, in-situ biogas up-gradation by recirculation of gases and supply of hydrogen in methanogenic reactor. <i>Bioresource Technology</i> , 2022, 345, 126219.	9.6	22
5	Degradation of lignin by <i>Bacillus altitudinis</i> SL7 isolated from pulp and paper mill effluent. <i>Water Science and Technology</i> , 2022, 85, 420-432.	2.5	22
6	Positivity, diagnosis and treatment follow-up of cutaneous leishmaniasis in war-affected areas of Bajaur, Pakistan. <i>Parasitology Research</i> , 2022, 121, 991-998.	1.6	1
7	Silencing of Curlin Protein via M13 Phagemid-Mediated Synthetic sRNA Expression Reduces Virulence in the Avian Pathogenic <i>E. coli</i> (APEC). <i>Current Microbiology</i> , 2022, 79, 105.	2.2	0
8	Microbial Pretreatment of Chicken Feather and Its Co-digestion With Rice Husk and Green Grocery Waste for Enhanced Biogas Production. <i>Frontiers in Microbiology</i> , 2022, 13, 792426.	3.5	2
9	Prebiotic potential of enzymatically prepared resistant starch in reshaping gut microbiota and their respond to body physiology. <i>PLoS ONE</i> , 2022, 17, e0267318.	2.5	2
10	Starved <i>Spirodela polyrhiza</i> and <i>Saccharomyces cerevisiae</i> : a potent combination for sustainable bioethanol production. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1665-1674.	4.6	7
11	Bacterial community characterization of Batura Glacier in the Karakoram Range of Pakistan. <i>International Microbiology</i> , 2021, 24, 183-196.	2.4	6
12	Isolation and Characterization of an Acidic, Salt-Tolerant Endoglucanase Cel5A from a Bacterial Strain <i>Marteella endophytica</i> YC6887 Genome. <i>Molecular Biotechnology</i> , 2021, 63, 305-315.	2.4	3
13	Corrigendum to "Fabrication of an Original Transparent PVA/Gelatin Hydrogel: In Vitro Antimicrobial Activity against Skin Pathogens" <i>International Journal of Polymer Science</i> , 2021, 2021, 1-1.	2.7	0
14	Characterization of <i>Bacillus nealsonii</i> strain KBH10 capable of reducing aqueous mercury in laboratory-scale reactor. <i>Water Science and Technology</i> , 2021, 83, 2287-2295.	2.5	1
15	Enhancing methane production from dewatered waste activated sludge through alkaline and photocatalytic pretreatment. <i>Bioresource Technology</i> , 2021, 325, 124677.	9.6	28
16	Evaluation of phytochemical, bioactive, and antifungal potential of <i>Jatropha curcas</i> seed oil and de-oiled seed cake extracts against phytopathogenic fungi. <i>Journal of Plant Pathology</i> , 2021, 103, 863-873.	1.2	1
17	Cloning, expression, biochemical characterization, and molecular docking studies of a novel glucose tolerant β -glucosidase from <i>Saccharomonospora</i> sp. NB11. <i>Enzyme and Microbial Technology</i> , 2021, 148, 109799.	3.2	7
18	Crude oil biodegradation potential of biosurfactant-producing <i>Pseudomonas aeruginosa</i> and <i>Meyerozyma</i> sp.. <i>Journal of Hazardous Materials</i> , 2021, 418, 126276.	12.4	38

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19	Cloning, expression and biochemical characterization of lignin-degrading DyP-type peroxidase from <i>Bacillus</i> sp. Strain BL5. <i>Enzyme and Microbial Technology</i> , 2021, 151, 109917.	3.2	18
20	Cloning, biochemical characterization and molecular docking of novel thermostable β -glucosidase BglA9 from <i>Anoxybacillus ayderensis</i> A9 and its application in de-glycosylation of Polydatin. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1898-1909.	7.5	11
21	Isolation and screening of chromium resistant bacteria from industrial waste for bioremediation purposes. <i>Brazilian Journal of Biology</i> , 2021, 83, e242536.	0.9	4
22	Characterization of Organic Acid Producing <i>Aspergillus tubingensis</i> FMS1 and its Role in Metals Leaching from Soil. <i>Geomicrobiology Journal</i> , 2020, 37, 336-344.	2.0	22
23	Enhancement of biogas yield during anaerobic digestion of <i>Jatropha curcas</i> seed by pretreatment and co-digestion with mango peels. <i>Biomass Conversion and Biorefinery</i> , 2020, , 1.	4.6	1
24	Physicochemical properties of enzymatically prepared resistant starch from maize flour and its use in cookies formulation. <i>International Journal of Food Properties</i> , 2020, 23, 549-569.	3.0	8
25	Screening of Lipase-Producing Bacteria and Optimization of Lipase-Mediated Biodiesel Production from <i>Jatropha curcas</i> Seed Oil Using Whole Cell Approach. <i>Bioenergy Research</i> , 2020, 13, 1280-1296.	3.9	10
26	Development of Resistant Starch Film Coated Microparticles for an Oral Colon-Specific Drug Delivery. <i>Starch/Staerke</i> , 2020, 72, 1900262.	2.1	6
27	Antioxidative and Radioprotective Properties of Glycosylated Flavonoid, Xanthorhamnin from Radio-Resistant Bacterium <i>Bacillus indicus</i> Strain TMC-6. <i>Current Microbiology</i> , 2020, 77, 1245-1253.	2.2	3
28	Insight on esterase from <i>Pseudomonas aeruginosa</i> strain S3 that depolymerize poly(lactic acid) (PLA) at ambient temperature. <i>Polymer Degradation and Stability</i> , 2020, 174, 109096.	5.8	21
29	Immobilization of β -xylanase isolated from <i>Bacillus licheniformis</i> S3. <i>Journal of Basic Microbiology</i> , 2020, 60, 600-612.	3.3	8
30	Production of an alkali-stable xylanase from <i>Bacillus pumilus</i> K22 and its application in tomato juice clarification. <i>Food Biotechnology</i> , 2019, 33, 353-372.	1.5	8
31	Comprehensive investigation on the synergistic antibacterial activities of <i>Jatropha curcas</i> pressed cake and seed oil in combination with antibiotics. <i>AMB Express</i> , 2019, 9, 67.	3.0	25
32	Microbial population dynamics in temperature-phased anaerobic digestion of municipal wastewater sludge. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1816-1831.	3.2	25
33	Magnetic Nanoparticles: Eco-Friendly Application in Biofuel Production. <i>Nanotechnology in the Life Sciences</i> , 2019, , 109-129.	0.6	2
34	Preparation and characterization of resistant starch type III from enzymatically hydrolyzed maize flour. <i>Molecular Biology Reports</i> , 2019, 46, 4565-4580.	2.3	17
35	Fabrication of an Original Transparent PVA/Gelatin Hydrogel: <i>In Vitro</i> Antimicrobial Activity against Skin Pathogens. <i>International Journal of Polymer Science</i> , 2019, 2019, 1-11.	2.7	33
36	Lipolytic bacterial strains mediated transesterification of non-edible plant oils for generation of high quality biodiesel. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 609-617.	2.2	23

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37	Statistical optimization of lipase production from <i>Sphingobacterium</i> sp. strain S2 and evaluation of enzymatic depolymerization of Poly(lactic acid) at mesophilic temperature. <i>Polymer Degradation and Stability</i> , 2019, 160, 1-13.	5.8	14
38	Isolation and Molecular Characterization of a Model Antagonistic <i>Pseudomonas aeruginosa</i> In Vitro Plant Growth Promoting Characteristics. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	28
39	Comparison Between a Newly Isolated Yeast Strain and <i>Lalvin</i> EC-1118 for Enhanced Ethanol Yield from Sugarcane Molasses Employing Batch and Modified Fed-Batch Fermentation. <i>Journal of Biobased Materials and Bioenergy</i> , 2018, 12, 134-142.	0.3	3
40	Production and Characterization of Organic Solvent-Tolerant Cellulase from <i>Bacillus amyloliquefaciens</i> AK9 Isolated from Hot Spring. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 1390-1402.	2.9	16
41	Enhancement of biomethane production from cattle manure with codigestion of dilute acid pretreated lignocellulosic biomass. <i>International Journal of Green Energy</i> , 2017, 14, 632-637.	3.8	10
42	Recent progress in bioethanol production from lignocellulosic materials: A review. <i>International Journal of Green Energy</i> , 2016, 13, 1413-1441.	3.8	30
43	Degradation of poly(ϵ -caprolactone) by a thermophilic bacterium <i>Ralstonia</i> sp. strain MRL-TL isolated from hot spring. <i>International Biodeterioration and Biodegradation</i> , 2015, 98, 35-42.	3.9	47
44	High bioethanol titre from <i>Manihot glaziovii</i> through fed-batch simultaneous saccharification and fermentation in Automatic Gas Potential Test System. <i>Bioresource Technology</i> , 2014, 156, 348-356.	9.6	28
45	Characterisation and evaluation of a novel feedstock, <i>Manihot glaziovii</i> , Muell. Arg., for production of bioenergy carriers: Bioethanol and biogas. <i>Bioresource Technology</i> , 2014, 172, 58-67.	9.6	29
46	Anaerobic treatment of methanol condensate from pulp mill compared with anaerobic treatment of methanol using mesophilic UASB reactors. <i>Bioresource Technology</i> , 2012, 125, 318-327.	9.6	39
47	Ethanol production by continuous fermentation of d-(+)-cellobiose, d-(+)-xylose and sugarcane bagasse hydrolysate using the thermoanaerobe <i>Caloramator boliviensis</i> . <i>Bioresource Technology</i> , 2012, 103, 186-191.	9.6	52
48	Use of an Automatic Methane Potential Test System for evaluating the biomethane potential of sugarcane bagasse after different treatments. <i>Bioresource Technology</i> , 2012, 114, 262-269.	9.6	117