

Lata Nain

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

6,765
citations

57681

46
h-index

100535

70
g-index

214
all docs

214
docs citations

214
times ranked

6604
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesta (<i>Hibiscus</i> spp.) as a potential feedstock for bioethanol production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2024, 42, 2664-2677.	1.2	7
2	Bacteria and fungi mediated degradation of poly aromatic hydrocarbons and effect of surfactant Tween-80. <i>International Journal of Environmental Analytical Chemistry</i> , 2024, 104, 27-42.	1.8	7
3	Effect of surfactant on degradation of <i>Aspergillus</i> sp. and <i>Trichoderma</i> sp. mediated crude oil. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1667-1680.	1.8	8
4	Production of ethanol, lipid and lactic acid from mixed agrowastes hydrolysate. <i>Natural Product Research</i> , 2023, 37, 2575-2582.	1.0	3
5	Current trends in the development of soy-based foods containing probiotics and paving the path for soy-synbiotics. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9995-10013.	5.4	12
6	Harnessing cyanobacterium-fungal interactions to develop potting mixes for disease-free tomato nursery. <i>Phytoparasitica</i> , 2023, 51, 703-716.	0.6	2
7	Valorization of jute (<i>Corchorus</i> sp.) biomass for bioethanol production. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5209-5220.	2.9	14
8	Green lactic acid production using low-cost renewable sources and potential applications. , 2022, , 345-365.		1
9	Free and Immobilized Microbial Culture Mediated Crude Oil Degradation and Microbial Diversity Changes Through Taxonomic and Functional Markers in a Sandy Loam Soil. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	6
10	Cyanobacterial inoculation in elevated CO ₂ environment stimulates soil C enrichment and plant growth of tomato. <i>Environmental Technology and Innovation</i> , 2022, 26, 102234.	3.0	9
11	An Overview of Enzymes and Rate-Limiting Steps Responsible for Lipid Production in Oleaginous Yeast. <i>Industrial Biotechnology</i> , 2022, 18, 20-31.	0.5	2
12	Bio-polysaccharide composites mediated degradation of polyaromatic hydrocarbons in a sandy soil using free and immobilized consortium of <i>Kocuria rosea</i> and <i>Aspergillus sydowii</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 80005-80020.	2.7	6
13	Potent ¹³ C-amino butyric acid producing psychobiotic <i>Lactococcus lactis</i> LP-68 from non-rhizospheric soil of <i>Syzygium cumini</i> (Black plum). <i>Archives of Microbiology</i> , 2022, 204, 82.	1.0	6
14	Fungal consortium and nitrogen supplementation stimulates soil microbial communities to accelerate in situ degradation of paddy straw. <i>Environmental Sustainability</i> , 2022, 5, 161-171.	1.4	3
15	Anthocyanin-rich fruit vinegar from <i>Grewia</i> and Cantaloupe fruit blends. <i>International Journal of Food Science and Technology</i> , 2022, 57, 4566-4574.	1.3	1
16	De-Oiled Citrus Peels as Feedstock for the Production of Pectin Oligosaccharides and Its Effect on <i>Lactobacillus fermentum</i> , Probiotic Source. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	3
17	Cyanobacterial Inoculation Enhances Nutrient Use Efficiency and Grain Quality of Basmati Rice in the System of Rice Intensification. <i>ACS Agricultural Science and Technology</i> , 2022, 2, 742-753.	1.0	9
18	Inulin from <i>Pachyrhizus erosus</i> root and its production intensification using evolutionary algorithm approach and response surface methodology. <i>Carbohydrate Polymers</i> , 2021, 251, 117042.	5.1	15

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19	Cyanobacterium-primed Chrysanthemum nursery improves performance of the plant and soil quality. <i>Biology and Fertility of Soils</i> , 2021, 57, 89-105.	2.3	8
20	Overexpression and repression of key rate-limiting enzymes (acetyl CoA carboxylase and HMG) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 <i>Microbiology</i> , 2021, 61, 4-14.	1.8	10
21	Rhizospheric Microbial Communities: Occurrence, Distribution, and Functions. , 2021, , 239-271.		4
22	Natural and Constructed Cyanobacteria-Based Consortia for Enhancing Crop Growth and Soil Fertility. <i>Microorganisms for Sustainability</i> , 2021, , 333-362.	0.4	5
23	Methane utilizing plant growth-promoting microbial diversity analysis of flooded paddy ecosystem of India. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 56.	1.7	11
24	Cyanobacterial inoculation as resource conserving options for improving the soil nutrient availability and growth of maize genotypes. <i>Archives of Microbiology</i> , 2021, 203, 2393-2409.	1.0	3
25	Bread waste to lactic acid: Applicability of simultaneous saccharification and solid state fermentation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 32, 101934.	1.5	12
26	Strain Improvement of Native <i>Saccharomyces cerevisiae</i> LN ITCC 8246 Strain Through Protoplast Fusion To Enhance Its Xylose Uptake. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 2455-2469.	1.4	5
27	One-pot production of lactic acid from rice straw pretreated with ionic liquid. <i>Bioresource Technology</i> , 2021, 323, 124563.	4.8	25
28	Restoration of heavy metal-contaminated soil and water through biosorbents: A review of current understanding and future challenges. <i>Physiologia Plantarum</i> , 2021, 173, 394-417.	2.6	8
29	Cyanobacterial amendment boosts plant growth and flower quality in Chrysanthemum through improved nutrient availability. <i>Applied Soil Ecology</i> , 2021, 162, 103899.	2.1	7
30	Cyanobacterium-amended mixes as priming options for stimulating growth and improving nutrient availability in nursery-grown Chrysanthemum rooted stem cuttings. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	1.0	2
31	Co-production of gamma amino butyric acid (GABA) and lactic acid using <i>Lactobacillus plantarum</i> LP-9 from agro-residues. <i>Environmental Technology and Innovation</i> , 2021, 23, 101650.	3.0	15
32	Interactions of microbial inoculants with soil and plant attributes for enhancing Fe and Zn biofortification in maize genotypes. <i>Rhizosphere</i> , 2021, 19, 100421.	1.4	7
33	Studies on the degradation and characterization of a novel metal-free polylactic acid synthesized via lipase-catalyzed polymerization: A step towards curing the environmental plastic issue. <i>Environmental Technology and Innovation</i> , 2021, 24, 101845.	3.0	10
34	PGPR Mediated Alterations in Root Traits: Way Toward Sustainable Crop Production. <i>Frontiers in Sustainable Food Systems</i> , 2021, 4, .	1.8	129
35	One-pot microbial bioconversion of wheat bran ferulic acid to biovanillin. <i>3 Biotech</i> , 2021, 11, 462.	1.1	2
36	Development of Nutrient-Rich Media Through Cyanobacterial Amendment and Their Characterization. <i>Waste and Biomass Valorization</i> , 2020, 11, 6003-6016.	1.8	7

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37	Soil metaproteomics as a tool for monitoring functional microbial communities: promises and challenges. <i>Reviews in Environmental Science and Biotechnology</i> , 2020, 19, 73-102.	3.9	30
38	Exploring the potential of Aloe vera as a carrier for developing a novel cyanobacterial formulation. <i>South African Journal of Botany</i> , 2020, 135, 437-443.	1.2	3
39	A simple downstream processing protocol for the recovery of lactic acid from the fermentation broth. <i>Bioresource Technology</i> , 2020, 318, 124260.	4.8	33
40	A biorefinery approach for the production of ferulic acid from agroresidues through ferulic acid esterase of lactic acid bacteria. <i>3 Biotech</i> , 2020, 10, 367.	1.1	14
41	Efficient two-step lactic acid production from cassava biomass using thermostable enzyme cocktail and lactic acid bacteria: insights from hydrolysis optimization and proteomics analysis. <i>3 Biotech</i> , 2020, 10, 409.	1.1	11
42	Single cell oil production by a novel yeast <i>Trichosporon mycotoxinivorans</i> for complete and ecofriendly valorization of paddy straw. <i>Electronic Journal of Biotechnology</i> , 2020, 44, 60-68.	1.2	18
43	Priming maize seeds with cyanobacteria enhances seed vigour and plant growth in elite maize inbreds. <i>3 Biotech</i> , 2020, 10, 154.	1.1	20
44	Arabinofuranosidases: Characteristics, microbial production, and potential in waste valorization and industrial applications. <i>Bioresource Technology</i> , 2020, 304, 123019.	4.8	48
45	Assessment of Water Quality in Indo-Gangetic Plain of South-Eastern Asia under Organic vs. Conventional Rice Farming. <i>Water (Switzerland)</i> , 2020, 12, 960.	1.2	7
46	Prospecting the Potential of Agroresidues as Substrate for Microbial Flavor Production. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	35
47	Prospecting the promise of cyanobacterial formulations developed using soil-less substrates as carriers. <i>Environmental Technology and Innovation</i> , 2020, 18, 100652.	3.0	8
48	Flooded Paddy Ecosystem Harbors Methanol Oxidizing-Plant Growth Promoting Bacteria Belonging to Order Enterobacterales. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 685-696.	0.0	3
49	Microbial Biofuels: Renewable Source of Energy. , 2020, , 181-192.		1
50	Technological interventions for utilization of crop residues and weedy biomass for second generation bio-ethanol production. <i>Renewable Energy</i> , 2019, 132, 723-741.	4.3	122
51	Valorization of agro-starchy wastes as substrates for oleaginous microbes. <i>Biomass and Bioenergy</i> , 2019, 127, 105294.	2.9	31
52	Seasonal variation induced stability of municipal solid waste compost: an enzyme kinetics study. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	9
53	Thermophilic Fungi and Their Enzymes for Biorefineries. , 2019, , 479-502.		3
54	Co-cultivation of cyanobacteria for raising nursery of chrysanthemum using a hydroponic system. <i>Journal of Applied Phycology</i> , 2019, 31, 3625-3635.	1.5	20

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55	Effect of paddy straw burning on soil microbial dynamics in sandy loam soil of Indo-Gangetic plains. <i>Environmental Technology and Innovation</i> , 2019, 16, 100469.	3.0	35
56	Impact of municipal wastewater reuse through micro-irrigation system on the incidence of coliforms in selected vegetable crops. <i>Journal of Environmental Management</i> , 2019, 251, 109532.	3.8	19
57	Additive effect of cow dung slurry and cellulolytic bacterial inoculation on humic fractions during composting of municipal solid waste. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2019, 8, 325-332.	2.0	20
58	Production of single cell oil by using cassava peel substrate from oleaginous yeast <i>Rhodotorula glutinis</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101308.	1.5	5
59	Legume residue and N management for improving productivity and N economy and soil fertility in wheat (<i>Triticum aestivum</i>)-based cropping systems. <i>The National Academy of Sciences, India</i> , 2019, 42, 297-307.	0.8	6
60	Exploring indigenous fermented foods of India for the presence of lactic acid bacteria. <i>Nutrition and Food Science</i> , 2019, 49, 942-954.	0.4	1
61	Cellulose as Potential Feedstock for Cellulase Enzyme Production: Versatility and Properties of Various Cellulosic Biomasses. , 2019, , 11-27.		5
62	<i>Trichoderma</i> and <i>Azotobacter</i> biofilm inoculation improves soil nutrient availability and plant growth in wheat and cotton. <i>Journal of Basic Microbiology</i> , 2019, 59, 632-644.	1.8	30
63	An iTRAQ Based Comparative Proteomic Profiling of Thermotolerant <i>Saccharomyces cerevisiae</i> JRC6 in Response to High Temperature Fermentation. <i>Current Proteomics</i> , 2019, 16, 289-296.	0.1	4
64	Novel chitosan grafted zinc containing nanoclay polymer biocomposite (CZNC/PBC): Controlled release formulation (CRF) of Zn ²⁺ . <i>Reactive and Functional Polymers</i> , 2018, 127, 55-66.	2.0	15
65	Optimization of fermentation condition for co-production of ethanol and 2,3-butanediol (2,3-BD) from hemicellulosic hydrolysates by <i>Klebsiella oxytoca</i> XF7. <i>Chemical Engineering Communications</i> , 2018, 205, 402-410.	1.5	11
66	Bioprospecting microbes for single-cell oil production from starchy wastes. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 296-302.	1.0	13
67	Bioprospecting of functional cellulases from metagenome for second generation biofuel production: a review. <i>Critical Reviews in Microbiology</i> , 2018, 44, 244-257.	2.7	76
68	Mode of application influences the biofertilizing efficacy of cyanobacterial biofilm formulations in chrysanthemum varieties under protected cultivation. <i>Open Agriculture</i> , 2018, 3, 478-489.	0.7	18
69	Augmenting Pentose Utilization and Ethanol Production of Native <i>Saccharomyces cerevisiae</i> LN Using Medium Engineering and Response Surface Methodology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 132.	2.0	8
70	Banana peel waste management for single-cell oil production. <i>Energy, Ecology and Environment</i> , 2018, 3, 296-303.	1.9	12
71	Sustainable Production of Biofuels from Weedy Biomass and Other Unconventional Lignocellulose Wastes. , 2018, , 83-116.		0
72	Influence of Silver, Zinc Oxide and Copper Oxide Nanoparticles on the Cyanobacterium <i>Calothrix elenkinii</i> . <i>BioNanoScience</i> , 2018, 8, 802-810.	1.5	9

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73	Complementary effect of thermotolerant yeast and cold active cellulase on simultaneous saccharification and fermentation for bioethanol production from rice straw. <i>Journal of Renewable and Sustainable Energy</i> , 2018, 10, .	0.8	9
74	Notable mixed substrate fermentation by native <i>Kodamaea ohmeri</i> strains isolated from <i>Lagenaria siceraria</i> flowers and ethanol production on paddy straw hydrolysates. <i>Chemistry Central Journal</i> , 2018, 12, 8.	2.6	13
75	Magnetic Nanoparticle Immobilized Cellulase Enzyme for Saccharification of Paddy Straw. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2018, 7, 881-893.	0.0	12
76	Simultaneous saccharification and fermentation of alkali-pretreated corncob under optimized conditions using cold-tolerant indigenous holocellulase. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 773-780.	1.2	10
77	Alginate immobilized enrichment culture for atrazine degradation in soil and water system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 229-236.	0.7	10
78	Microbial inoculation of seeds characteristically shapes the rhizosphere microbiome in desi and kabuli chickpea types. <i>Journal of Soils and Sediments</i> , 2017, 17, 2040-2053.	1.5	14
79	Wastewater grown microalgal biomass as inoculants for improving micronutrient availability in wheat. <i>Rhizosphere</i> , 2017, 3, 150-159.	1.4	42
80	Cost effective characterization process and molecular dynamic simulation of detergent compatible alkaline protease from <i>Bacillus pumilus</i> strain MP27. <i>Process Biochemistry</i> , 2017, 58, 199-203.	1.8	27
81	Evaluation of soil health in organic <i>vs</i>. conventional farming of basmati rice in North India. <i>Journal of Plant Nutrition and Soil Science</i> , 2017, 180, 389-406.	1.1	67
82	Improvement of Growth, Yield, and Pigmentation of Mung Bean Plants Using <i>Ochrobactrum intermedium</i> CP as Bioinoculant. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1500670.	0.7	9
83	Bioethanol Production Scenario in India: Potential and Policy Perspective. , 2017, , 21-37.		7
84	Deciphering the mode of interactions of nanoparticles with mung bean (<i>Vigna radiata</i> L.). <i>Israel Journal of Plant Sciences</i> , 2017, , 1-9.	0.3	2
85	Elucidating the interactions and phytotoxicity of zinc oxide nanoparticles with agriculturally beneficial bacteria and selected crop plants. <i>Folia Microbiologica</i> , 2017, 62, 253-262.	1.1	16
86	Immobilization of indigenous holocellulase on iron oxide (Fe ₂ O ₃) nanoparticles enhanced hydrolysis of alkali pretreated paddy straw. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 538-549.	3.6	39
87	Modulation of growth media influences aggregation and biofilm formation between <i>Azotobacter chroococcum</i> and <i>Trichoderma viride</i> . <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 546-556.	0.3	14
88	Cyanobacterial and rhizobial inoculation modulates the plant physiological attributes and nodule microbial communities of chickpea. <i>Archives of Microbiology</i> , 2017, 199, 1311-1323.	1.0	41
89	Efficient Microorganism Compost Benefits Plant Growth and Improves Soil Health in Calendula and Marigold. <i>Horticultural Plant Journal</i> , 2017, 3, 67-72.	2.3	49
90	Agro-waste biosorbents: Effect of physico-chemical properties on atrazine and imidacloprid sorption. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 671-682.	0.7	20

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91	Antibacterial characteristics of TiO ₂ nano-objects and their interaction with biofilm. <i>Materials Technology</i> , 2017, 32, 385-390.	1.5	15
92	Bioprospecting thermotolerant ethanologenic yeasts for simultaneous saccharification and fermentation from diverse environments. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 342-346.	1.1	54
93	Bioprospecting of novel thermostable β -glucosidase from <i>Bacillus subtilis</i> RA10 and its application in biomass hydrolysis. <i>Biotechnology for Biofuels</i> , 2017, 10, 246.	6.2	35
94	Current Technological Improvements in Enzymes toward Their Biotechnological Applications. <i>Frontiers in Microbiology</i> , 2016, 7, 965.	1.5	64
95	An Alkaline Protease from <i>Bacillus pumilus</i> MP 27: Functional Analysis of Its Binding Model toward Its Applications As Detergent Additive. <i>Frontiers in Microbiology</i> , 2016, 7, 1195.	1.5	70
96	Molecular Detection and Environment-Specific Diversity of Glycosyl Hydrolase Family 1 β -Glucosidase in Different Habitats. <i>Frontiers in Microbiology</i> , 2016, 7, 1597.	1.5	22
97	Taxonomic and functional diversity of the culturable microbiomes of epigeic earthworms and their prospects in agriculture. <i>Journal of Basic Microbiology</i> , 2016, 56, 1009-1020.	1.8	10
98	Two-step statistical optimization for cold active β -glucosidase production from <i>Pseudomonas lutea</i> BG8 and its application for improving saccharification of paddy straw. <i>Biotechnology and Applied Biochemistry</i> , 2016, 63, 659-668.	1.4	12
99	Beneficial cyanobacteria and eubacteria synergistically enhance bioavailability of soil nutrients and yield of okra. <i>Heliyon</i> , 2016, 2, e00066.	1.4	76
100	Thermotolerant fermenting yeasts for simultaneous saccharification fermentation of lignocellulosic biomass. <i>Electronic Journal of Biotechnology</i> , 2016, 21, 82-92.	1.2	114
101	Laccase Production by a Novel White-Rot Fungus <i>Pseudolagarobasidium acaciicola</i> LA 1 Through Solid-State Fermentation of Parthenium Biomass and Its Application in Dyes Decolorization. <i>Waste and Biomass Valorization</i> , 2016, 7, 1427-1435.	1.8	22
102	Cyanobacteria-based bioinoculants influence growth and yields by modulating the microbial communities favourably in the rhizospheres of maize hybrids. <i>European Journal of Soil Biology</i> , 2016, 75, 15-23.	1.4	48
103	Cyanobacterial inoculation modifies the rhizosphere microbiome of rice planted to a tropical alluvial soil. <i>Applied Soil Ecology</i> , 2016, 108, 195-203.	2.1	49
104	Enhanced biodegradation of PAHs by microbial consortium with different amendment and their fate in in-situ condition. <i>Journal of Environmental Management</i> , 2016, 181, 728-736.	3.8	61
105	Evaluating biological pretreatment as a feasible methodology for ethanol production from paddy straw. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 8, 66-72.	1.5	58
106	Microbial priming elicits improved plant growth promotion and nutrient uptake in pea. <i>Israel Journal of Plant Sciences</i> , 2016, 63, 191-207.	0.3	12
107	The Role and Applications of Xyloglucan Hydrolase in Biomass Degradation/Bioconversion. <i>Biofuel and Biorefinery Technologies</i> , 2016, , 231-248.	0.1	2
108	Saccharification of biopretreated paddy straw with indigenous holocellulase and fermentation with <i>Saccharomyces cerevisiae</i> LN1 under optimized conditions. <i>Energy, Ecology and Environment</i> , 2016, 1, 419-429.	1.9	4

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109	Do cultural conditions induce differential protein expression: Profiling of extracellular proteome of <i>Aspergillus terreus</i> CM20. <i>Microbiological Research</i> , 2016, 192, 73-83.	2.5	15
110	Exploring the efficacy of wastewater-grown microalgal biomass as a biofertilizer for wheat. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6608-6620.	2.7	133
111	Construction and screening of metagenomic library derived from soil for Î²-1, 4-endoglucanase gene. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 5, 186-192.	1.5	8
112	Micronutrient enrichment mediated by plant-microbe interactions and rice cultivation practices. <i>Journal of Plant Nutrition</i> , 2016, 39, 1216-1232.	0.9	74
113	Biofortification with Microorganisms: Present Status and Future Challenges. , 2016, , 249-262.		16
114	Long-term atmospheric CO2 enrichment impact on soil biophysical properties and root nodule biophysics in chickpea (<i>Cicer arietinum</i> L.). <i>European Journal of Agronomy</i> , 2016, 75, 1-11.	1.9	8
115	Characterization of bacterial diversity in an atrazine degrading enrichment culture and degradation of atrazine, cyanuric acid and biuret in industrial wastewater. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 24-34.	0.7	10
116	Cyanobacterial inoculation in rice grown under flooded and SRI modes of cultivation elicits differential effects on plant growth and nutrient dynamics. <i>Ecological Engineering</i> , 2015, 84, 532-541.	1.6	50
117	Identification and analysis of polyaromatic hydrocarbons (PAHs)â€™biodegrading bacterial strains from refinery soil of India. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 391.	1.3	20
118	Pyrene Degradation by Biosurfactant Producing Bacterium <i>Stenotrophomonas maltophilia</i> . <i>Agricultural Research</i> , 2015, 4, 42-47.	0.9	11
119	Proteomic analysis of <i>Streptomyces</i> sp. sssrâ€™198 grown on paddy straw. <i>Journal of Basic Microbiology</i> , 2015, 55, 790-797.	1.8	13
120	Improvement of antioxidant and defense properties of Tomato (var. Pusa Rohini) by application of bioaugmented compost. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 256-264.	1.8	39
121	Cyanobacterial inoculation elicits plant defense response and enhanced Zn mobilization in maize hybrids. <i>Cogent Food and Agriculture</i> , 2015, 1, 998507.	0.6	66
122	Soilâ€™Phosphorus Mobilization Potential of Phytate Mineralizing Fungi. <i>Journal of Plant Nutrition</i> , 2015, 38, 2159-2175.	0.9	32
123	PROSPECTING CYANOBACTERIA-FORTIFIED COMPOSTS AS PLANT GROWTH PROMOTING AND BIOCONTROL AGENTS IN COTTON. <i>Experimental Agriculture</i> , 2015, 51, 42-65.	0.4	68
124	Taxonomic and functional annotation of gut bacterial communities of <i>Eisenia foetida</i> and <i>Perionyx excavatus</i> . <i>Microbiological Research</i> , 2015, 175, 48-56.	2.5	54
125	Expression of novel glucose tolerant Î²-glucosidase on cell surface by <i>Rhodotorula glutinis</i> isolate. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 380-387.	1.5	12
126	Insights into biological delignification of rice straw by <i>Trametes hirsuta</i> and <i>Myrothecium roridum</i> and comparison of saccharification yields with dilute acid pretreatment. <i>Biomass and Bioenergy</i> , 2015, 76, 54-60.	2.9	42

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127	Cold active holocellulase cocktail from <i>Aspergillus niger</i> SH3: process optimization for production and biomass hydrolysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 56, 57-66.	2.7	30
128	Prospecting plant growth promoting bacteria and cyanobacteria as options for enrichment of macro- and micronutrients in grains in rice-wheat cropping sequence. <i>Cogent Food and Agriculture</i> , 2015, 1, 1037379.	0.6	62
129	Synergistic action of PGP agents and <i>Rhizobium</i> spp. for improved plant growth, nutrient mobilization and yields in different leguminous crops. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 456-464.	1.5	24
130	Prospecting cyanobacterial formulations as plant-growth-promoting agents for maize hybrids. <i>South African Journal of Plant and Soil</i> , 2015, 32, 199-207.	0.4	27
131	Synergistic interaction of arbuscular mycorrhizal fungi and mycorrhiza helper bacteria improving antioxidant activities in Troyer citrange and Cleopatra mandarin under low moisture stress. <i>Indian Journal of Horticulture</i> , 2015, 72, 33.	0.1	1
132	Pretreatment and Designing Energy Crops: Technological Innovations and Prospects. <i>Research Journal of Microbiology</i> , 2015, 10, 557-570.	0.2	0
133	Optimization of Enzymatic Saccharification of Alkali Pretreated <i>Parthenium</i> sp. Using Response Surface Methodology. <i>Enzyme Research</i> , 2014, 2014, 1-8.	1.8	46
134	Response of canola and wheat to amendment of pyrite and sulphur-oxidizing bacteria in soil. <i>Archives of Agronomy and Soil Science</i> , 2014, 60, 367-375.	1.3	13
135	Statistical Optimization of Media Components for Production of Fibrinolytic Alkaline Metalloproteases from <i>Xenorhabdus indica</i> KB-3. <i>Biotechnology Research International</i> , 2014, 2014, 1-11.	1.4	15
136	Biomass hydrolyzing enzymes from plant pathogen <i>Xanthomonas axonopodis</i> pv. <i>punicae</i> : optimizing production and characterization. <i>Annals of Microbiology</i> , 2014, 64, 267-274.	1.1	3
137	Comparative efficiency of different pretreatment methods on enzymatic digestibility of <i>Parthenium</i> sp.. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 55-64.	1.7	59
138	Cloning and expression of β -1, 4-endoglucanase gene from <i>Bacillus subtilis</i> isolated from soil long term irrigated with effluents of paper and pulp mill. <i>Microbiological Research</i> , 2014, 169, 693-698.	2.5	24
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