

Ramesh Chander Kuhad

List of Publications by Year in descending order

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166
papers

8,852
citations

38660

50
h-index

46693

89
g-index

173
all docs

173
docs citations

173
times ranked

8092
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial Cellulases and Their Industrial Applications. Enzyme Research, 2011, 2011, 1-10.	1.8	638
2	Detoxification of sugarcane bagasse hydrolysate improves ethanol production by <i>Candida shehatae</i> NCIM 3501. Bioresource Technology, 2007, 98, 1947-1950.	4.8	384
3	Evaluation of Inoculum Addition To Stimulate In Situ Bioremediation of Oily-Sludge-Contaminated Soil. Applied and Environmental Microbiology, 2001, 67, 1675-1681.	1.4	326
4	Lignocellulose Biotechnology: Current and Future Prospects. Critical Reviews in Biotechnology, 1993, 13, 151-172.	5.1	299
5	Bioethanol production from <i>Gracilaria verrucosa</i> , a red alga, in a biorefinery approach. Bioresource Technology, 2013, 135, 150-156.	4.8	254
6	Separate hydrolysis and fermentation (SHF) of <i>Prosopis juliflora</i> , a woody substrate, for the production of cellulosic ethanol by <i>Saccharomyces cerevisiae</i> and <i>Pichia stipitis</i> -NCIM 3498. Bioresource Technology, 2009, 100, 1214-1220.	4.8	234
7	Optimization of cellulase production by a brown rot fungus <i>Fomitopsis</i> sp. RCK2010 under solid state fermentation. Bioresource Technology, 2011, 102, 6065-6072.	4.8	227
8	Antioxidant phenolics and their microbial production by submerged and solid state fermentation process: A review. Trends in Food Science and Technology, 2016, 53, 60-74.	7.8	217
9	Microorganisms and enzymes involved in the degradation of plant fiber cell walls. Advances in Biochemical Engineering/Biotechnology, 1997, 57, 45-125.	0.6	192
10	In Situ Bioremediation Potential of an Oily Sludge-Degrading Bacterial Consortium. Current Microbiology, 2001, 43, 328-335.	1.0	185
11	A modified plate assay for screening phosphate solubilizing microorganisms.. Journal of General and Applied Microbiology, 1994, 40, 255-260.	0.4	182
12	Bioethanol production from pentose sugars: Current status and future prospects. Renewable and Sustainable Energy Reviews, 2011, 15, 4950-4962.	8.2	171
13	Bioethanol production from <i>Lantana camara</i> (red sage): Pretreatment, saccharification and fermentation. Bioresource Technology, 2010, 101, 8348-8354.	4.8	167
14	Revisiting cellulase production and redefining current strategies based on major challenges. Renewable and Sustainable Energy Reviews, 2016, 55, 249-272.	8.2	164
15	Evaluation of pretreatment methods in improving the enzymatic saccharification of cellulosic materials. Carbohydrate Polymers, 2011, 84, 1103-1109.	5.1	134
16	Cost-effective xylanase production from free and immobilized <i>Bacillus pumilus</i> strain MK001 and its application in saccharification of <i>Prosopis juliflora</i> . Biochemical Engineering Journal, 2008, 38, 88-97.	1.8	127
17	White-rot fungal conversion of wheat straw to energy rich cattle feed. Biodegradation, 2011, 22, 823-831.	1.5	118
18	Enhanced production of cellulase-free thermostable xylanase by <i>Bacillus pumilus</i> ASH and its potential application in paper industry. Enzyme and Microbial Technology, 2007, 41, 733-739.	1.6	117

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19	Pretreatment of lignocellulosic material with fungi capable of higher lignin degradation and lower carbohydrate degradation improves substrate acid hydrolysis and the eventual conversion to ethanol. <i>Canadian Journal of Microbiology</i> , 2008, 54, 305-313.	0.8	112
20	Fed batch enzymatic saccharification of newspaper cellulose improves the sugar content in the hydrolysates and eventually the ethanol fermentation by <i>Saccharomyces cerevisiae</i> . <i>Biomass and Bioenergy</i> , 2010, 34, 1189-1194.	2.9	112
21	Purification and characterization of extracellular xylanase from <i>Streptomyces cyaneus</i> SN32. <i>Bioresource Technology</i> , 2008, 99, 1252-1258.	4.8	111
22	Assessment of bacterial diversity during composting of agricultural byproducts. <i>BMC Microbiology</i> , 2013, 13, 99.	1.3	108
23	Production and optimization of cellulase-free, alkali-stable xylanase by <i>Bacillus pumilus</i> SV-85S in submerged fermentation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2010, 37, 71-83.	1.4	104
24	Developments in Microbial Methods for the Treatment of Dye Effluents. <i>Advances in Applied Microbiology</i> , 2004, 56, 185-213.	1.3	95
25	Biodegradation of lindane (γ -hexachlorocyclohexane) by the white-rot fungus <i>Trametes hirsutus</i> . <i>Letters in Applied Microbiology</i> , 1999, 28, 238-241.	1.0	94
26	Fungal delignification of lignocellulosic biomass improves the saccharification of cellulose. <i>Biodegradation</i> , 2011, 22, 797-804.	1.5	93
27	Biochemical and Molecular Basis of Pesticide Degradation by Microorganisms. <i>Critical Reviews in Biotechnology</i> , 1999, 19, 197-225.	5.1	91
28	Properties and application of a partially purified alkaline xylanase from an alkalophilic fungus <i>Aspergillus nidulans</i> KK-99. <i>Bioresource Technology</i> , 2002, 85, 39-42.	4.8	85
29	Immobilization of Xylanase from <i>Bacillus pumilus</i> Strain MK001 and its Application in Production of Xylo-oligosaccharides. <i>Applied Biochemistry and Biotechnology</i> , 2007, 142, 125-138.	1.4	84
30	Xylanase and laccase based enzymatic kraft pulp bleaching reduces adsorbable organic halogen (AOX) in bleach effluents: A pilot scale study. <i>Bioresource Technology</i> , 2014, 169, 96-102.	4.8	84
31	Optimization of xylanase production using inexpensive agro-residues by alkalophilic <i>Bacillus subtilis</i> ASH in solid-state fermentation. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 633-640.	1.7	81
32	Decolorization of triphenylmethane dyes by the bird's nest fungus <i>Cyathus bulleri</i> . <i>Current Microbiology</i> , 1995, 30, 269-272.	1.0	78
33	Bioprocessing of enhanced cellulase production from a mutant of <i>Trichoderma asperellum</i> RCK2011 and its application in hydrolysis of cellulose. <i>Fuel</i> , 2014, 124, 183-189.	3.4	75
34	Production and recovery of an alkaline exo-polygalacturonase from <i>Bacillus subtilis</i> RCK under solid-state fermentation using statistical approach. <i>Bioresource Technology</i> , 2008, 99, 937-945.	4.8	73
35	Enhanced production and extraction of phenolic compounds from wheat by solid-state fermentation with <i>Rhizopus oryzae</i> RCK2012. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2014, 4, 120-127.	2.1	71
36	Fungal pretreatment improves amenability of lignocellulosic material for its saccharification to sugars. <i>Carbohydrate Polymers</i> , 2014, 99, 264-269.	5.1	69

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37	Microorganisms as an Alternative Source of Protein. <i>Nutrition Reviews</i> , 1997, 55, 65-75.	2.6	68
38	Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 109965.	8.2	63
39	Effect of amino acids and vitamins on laccase production by the bird's nest fungus <i>Cyathus bulleri</i> . <i>Bioresource Technology</i> , 2002, 84, 35-38.	4.8	62
40	Laccase: enzyme revisited and function redefined. <i>Indian Journal of Microbiology</i> , 2008, 48, 309-316.	1.5	62
41	Strain improvement of thermotolerant <i>Saccharomyces cerevisiae</i> VS3 strain for better utilization of lignocellulosic substrates. <i>Journal of Applied Microbiology</i> , 2007, 103, 1480-1489.	1.4	60
42	Degradation of insecticide lindane ($\text{I}^3\text{-HCH}$) by white-rot fungi <i>Cyathus bulleri</i> and <i>Phanerochaete sordida</i> . <i>Pest Management Science</i> , 2000, 56, 142-146.	1.7	59
43	Bleaching of wheat straw-rich soda pulp with xylanase from a thermoalkalophilic <i>Streptomyces cyaneus</i> SN32. <i>Bioresource Technology</i> , 2006, 97, 2291-2295.	4.8	59
44	Bioconversion of pentose sugars to ethanol by free and immobilized cells of <i>Candida shehatae</i> (NCL-3501): Fermentation behaviour. <i>Process Biochemistry</i> , 1996, 31, 555-560.	1.8	58
45	Arbuscular mycorrhizae and phosphate solubilising bacteria of the rhizosphere of the mangrove ecosystem of Great Nicobar island, India. <i>Biology and Fertility of Soils</i> , 2006, 42, 358-361.	2.3	58
46	Kinetic study of batch and fed-batch enzymatic saccharification of pretreated substrate and subsequent fermentation to ethanol. <i>Biotechnology for Biofuels</i> , 2012, 5, 16.	6.2	56
47	Solid state bioconversion of wheat straw into digestible and nutritive ruminant feed by <i>Ganoderma</i> sp. rckk02. <i>Bioresource Technology</i> , 2012, 107, 347-351.	4.8	55
48	Organiodine(III) mediated synthesis of 3,9-diaryl- and 3,9-difuryl-bis-1,2,4-triazolo[4,3-a][4,3-c]pyrimidines as antibacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 868-872.	2.6	54
49	Differential and synergistic effects of xylanase and laccase mediator system (LMS) in bleaching of soda and waste pulps. <i>Journal of Applied Microbiology</i> , 2007, 103, 305-317.	1.4	54
50	One-step purification and characterization of cellulase-free xylanase produced by alkalophilic <i>Bacillus subtilis</i> ash. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 467-476.	0.8	53
51	High-level xylanase production by alkaliphilic <i>Bacillus pumilus</i> ASH under solid-state fermentation. <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 1281-1287.	1.7	52
52	Laccase production by <i>Coriopsis caperata</i> RCK2011: Optimization under solid state fermentation by Taguchi DOE methodology. <i>Scientific Reports</i> , 2013, 3, 1386.	1.6	52
53	Production of thermostable hydrolases (cellulases and xylanase) from <i>Thermoascus aurantiacus</i> RCKK: a potential fungus. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 787-796.	1.7	52
54	Enhanced production of an alkaline pectinase from <i>Streptomyces</i> sp. RCK-SC by whole-cell immobilization and solid-state cultivation. <i>World Journal of Microbiology and Biotechnology</i> , 2004, 20, 257-263.	1.7	51

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55	Decolorization of Synthetic Dyes and Textile Effluents by Basidiomycetous Fungi. <i>Water, Air, and Soil Pollution</i> , 2010, 210, 409-419.	1.1	51
56	In vivo enzymatic digestion, in vitro xylanase digestion, metabolic analogues, surfactants and polyethylene glycol ameliorate laccase production from <i>Ganoderma</i> sp. Rk-02. <i>Letters in Applied Microbiology</i> , 2005, 41, 24-31.	1.0	50
57	Use of xylan-rich cost effective agro-residues in the production of xylanase by <i>Streptomyces cyaneus</i> SN32. <i>Journal of Applied Microbiology</i> , 2005, 99, 1141-1148.	1.4	50
58	Upgrading the antioxidant potential of cereals by their fungal fermentation under solid-state cultivation conditions. <i>Letters in Applied Microbiology</i> , 2014, 59, 493-499.	1.0	50
59	Biochemical characterization and molecular evidence of a laccase from the bird's nest fungus <i>Cyathus bulleri</i> . <i>Fungal Genetics and Biology</i> , 2005, 42, 684-693.	0.9	48
60	Xylanase production from an alkalophilic actinomycete isolate <i>Streptomyces</i> sp. RCK-2010, its characterization and application in saccharification of second generation biomass. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 74, 170-177.	1.8	48
61	Arabinofuranosidases: Characteristics, microbial production, and potential in waste valorization and industrial applications. <i>Bioresource Technology</i> , 2020, 304, 123019.	4.8	48
62	Bioprocessing of wheat straw into nutritionally rich and digested cattle feed. <i>Scientific Reports</i> , 2014, 4, 6360.	1.6	46
63	Valorization of Rice Straw for Ethanol Production and Lignin Recovery Using Combined Acid-Alkali Pre-treatment. <i>Bioenergy Research</i> , 2019, 12, 570-582.	2.2	46
64	Induction of laccase production in <i>Cyathus bulleri</i> under shaking and static culture conditions. <i>Folia Microbiologica</i> , 1994, 39, 326-330.	1.1	45
65	Hyper production of alkali stable xylanase in lesser duration by <i>Bacillus pumilus</i> SV-85S using wheat bran under solid state fermentation. <i>New Biotechnology</i> , 2011, 28, 581-587.	2.4	44
66	Improvement of microbial α -amylase stability: Strategic approaches. <i>Process Biochemistry</i> , 2016, 51, 1380-1390.	1.8	44
67	Fermentation of xylose and rice straw hydrolysate to ethanol by <i>Candida shehatae</i> NCL-3501. <i>Journal of Industrial Microbiology</i> , 1996, 17, 20-23.	0.9	43
68	A hypercellulolytic mutant of <i>Fusarium oxysporum</i> . <i>Letters in Applied Microbiology</i> , 1994, 19, 397-400.	1.0	40
69	Process development for the production of bioethanol from waste algal biomass of <i>Gracilaria verrucosa</i> . <i>Bioresource Technology</i> , 2016, 220, 584-589.	4.8	39
70	Study of charcoal detoxification of acid hydrolysate from corncob and its fermentation to xylitol. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 4573-4582.	3.3	39
71	Optimization of xylanase production by a hyperxylanolytic mutant strain of <i>Fusarium oxysporum</i> . <i>Process Biochemistry</i> , 1998, 33, 641-647.	1.8	38
72	Genetic transformation of lignin degrading fungi facilitated by <i>Agrobacterium tumefaciens</i> . <i>BMC Biotechnology</i> , 2010, 10, 67.	1.7	37

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73	Bifunctional in vivo role of laccase exploited in multiple biotechnological applications. Applied Microbiology and Biotechnology, 2018, 102, 10327-10343.	1.7	37
74	Statistical optimization of alkaline xylanase production from <i>Streptomyces violaceoruber</i> under submerged fermentation using response surface methodology. Indian Journal of Microbiology, 2007, 47, 144-152.	1.5	36
75	Middle-redox potential laccase from <i>Ganoderma</i> sp.: its application in improvement of feed for monogastric animals. Scientific Reports, 2013, 3, 1299.	1.6	36
76	Cost effective production of complete cellulase system by newly isolated <i>Aspergillus niger</i> RCKH-3 for efficient enzymatic saccharification: Medium engineering by overall evaluation criteria approach (OEC). Biochemical Engineering Journal, 2018, 132, 182-190.	1.8	36
77	Ethidium bromide stimulated hyper laccase production from bird's nest fungus <i>Cyathus bulleri</i> . Letters in Applied Microbiology, 2003, 36, 64-67.	1.0	35
78	Title is missing!. World Journal of Microbiology and Biotechnology, 2001, 17, 5-8.	1.7	34
79	Saponin: Role in Animal system. Veterinary World, 2012, 5, 248.	0.7	34
80	Improved polygalacturonase production from <i>Bacillus</i> sp. MG-cp-2 under submerged (SmF) and solid state (SSF) fermentation. Letters in Applied Microbiology, 2002, 34, 317-322.	1.0	33
81	Modulation of xylanase production from alkaliphilic <i>Bacillus pumilus</i> VLK-1 through process optimization and temperature shift operation. 3 Biotech, 2014, 4, 345-356.	1.1	33
82	Xylanase production by a hyperxylanolytic mutant of <i>Fusarium oxysporum</i> . Enzyme and Microbial Technology, 1995, 17, 551-553.	1.6	32
83	Laccase from Basidiomycetous Fungus Catalyzes the Synthesis of Substituted 5-Deaza-10-oxaflavins via a Domino Reaction. Advanced Synthesis and Catalysis, 2009, 351, 589-595.	2.1	32
84	Isolation of Three Xylanase-Producing Strains of Actinomycetes and Their Identification Using Molecular Methods. Current Microbiology, 2006, 53, 178-182.	1.0	29
85	Improving the yield and quality of DNA isolated from white-rot fungi. Folia Microbiologica, 2004, 49, 112-116.	1.1	26
86	An evidence of laccases in archaea. Indian Journal of Microbiology, 2009, 49, 142-150.	1.5	26
87	Decolorization of PolyR-478 (Polyvinylamine sulfonate anthrapyridone) by <i>Cyathus bulleri</i> . Folia Microbiologica, 1994, 39, 61-64.	1.1	24
88	Effect of antibiotics on growth and laccase production from and. Bioresource Technology, 2005, 96, 1415-1418.	4.8	24
89	Laccase from an alkalitolerant basidiomycetes <i>Crinipellis</i> sp. RCK1: Production optimization by response surface methodology. Journal of Basic Microbiology, 2012, 52, 397-407.	1.8	24
90	Phosphate-Solubilizing Microorganisms. Soil Biology, 2011, , 65-84.	0.6	23

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91	Production of ganoderic acid by <i>Ganoderma lucidum</i> RCKB-2010 and its therapeutic potential. <i>Annals of Microbiology</i> , 2014, 64, 839-846.	1.1	22
92	In-Vitro Refolding and Characterization of Recombinant Laccase (CotA) From <i>Bacillus pumilus</i> MK001 and Its Potential for Phenolics Degradation. <i>Molecular Biotechnology</i> , 2016, 58, 789-800.	1.3	22
93	Corn-cob-based biorefinery: A comprehensive review of pretreatment methodologies, and biorefinery platforms. <i>Journal of the Energy Institute</i> , 2022, 101, 290-308.	2.7	22
94	Enhanced production of cellulases by <i>Penicillium citrinum</i> in solid state fermentation of cellulosic residue. <i>World Journal of Microbiology and Biotechnology</i> , 1993, 9, 100-101.	1.7	21
95	An amperometric polyphenol biosensor based on laccase immobilized on epoxy resin membrane. <i>Analytical Methods</i> , 2011, 3, 709.	1.3	21
96	Fermentation of pentose and hexose sugars from corn-cob, a low cost feedstock into ethanol. <i>Biomass and Bioenergy</i> , 2012, 47, 334-341.	2.9	21
97	An efficient and economical method for extraction of DNA amenable to biotechnological manipulations, from diverse soils and sediments. <i>Journal of Applied Microbiology</i> , 2014, 116, 923-933.	1.4	21
98	<i>Agrobacterium</i> -mediated delivery of marker genes to <i>Phanerochaete chrysosporium</i> mycelial pellets: a model transformation system for white-rot fungi. <i>Biotechnology and Applied Biochemistry</i> , 2006, 43, 181.	1.4	20
99	Assessment of bacterial diversity in agricultural by-product compost by sequencing of cultivated isolates and amplified rDNA restriction analysis. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6991-7003.	1.7	19
100	Isolation and partial characterization of actinomycetes with antimicrobial activity against multidrug resistant bacteria. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S1147-S1150.	0.5	18
101	Potential of in situ SSF laccase produced from <i>Ganoderma lucidum</i> RCK 2011 in biobleaching of paper pulp. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 367-377.	1.7	18
102	Enumeration of methanogens with a focus on fluorescence in situ hybridization. <i>Die Naturwissenschaften</i> , 2011, 98, 457-472.	0.6	17
103	Application of lignocellulolytic enzymes produced under solid state cultivation conditions. <i>Bioresource Technology</i> , 2012, 115, 249-254.	4.8	17
104	First time reported enzymatic synthesis of new series of quinoxalines – A green approach. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 74, 236-240.	1.8	17
105	Cellulases and Their Biotechnological Applications. , 2013, , 89-106.		17
106	Cost-effective production of cellulose hydrolysing enzymes from <i>Trichoderma</i> sp. RCK65 under SSF and its evaluation in saccharification of cellulosic substrates. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1659-1670.	1.7	17
107	Lovastatin production by <i>Aspergillus terreus</i> using lignocellulose biomass in large scale packed bed reactor. <i>Food and Bioprocesses Processing</i> , 2014, 92, 416-424.	1.8	15
108	Reduced toxicity of malachite green decolorized by laccase produced from <i>Ganoderma</i> sp. rckk-02 under solid-state fermentation. <i>3 Biotech</i> , 2015, 5, 621-631.	1.1	15

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109	Biological Remediation of Petroleum Contaminants. <i>Soil Biology</i> , 2009, , 173-187.	0.6	14
110	Improved Production of Thermostable Cellulase from <i>Thermoascus aurantiacus</i> RCKK by Fermentation Bioprocessing and Its Application in the Hydrolysis of Office Waste Paper, Algal Pulp, and Biologically Treated Wheat Straw. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 784-800.	1.4	14
111	Functional Expression of a Thermostable Endoglucanase from <i>Thermoascus aurantiacus</i> RCKK in <i>Pichia pastoris</i> X-33 and Its Characterization. <i>Molecular Biotechnology</i> , 2018, 60, 736-748.	1.3	14
112	Multiple Genes in a Single Host: Cost-Effective Production of Bacterial Laccase (cotA), Pectate Lyase (pel), and Endoxylanase (xyl) by Simultaneous Expression and Cloning in Single Vector in <i>E. coli</i> . <i>PLoS ONE</i> , 2015, 10, e0144379.	1.1	14
113	Microbes and their Role in Sustainable Development. <i>Indian Journal of Microbiology</i> , 2012, 52, 309-313.	1.5	13
114	Laccase—a natural source for the synthesis of benzofuro[2,3-c]pyrazolin-5-ones. <i>Catalysis Science and Technology</i> , 2013, 3, 230-234.	2.1	13
115	<i>Bacillus paraflexus</i> sp. nov., isolated from compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4735-4743.	0.8	12
116	Integrated Lignocellulosic Biorefinery for Sustainable Bio-Based Economy. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 25-46.	0.1	12
117	Simultaneous saccharification and fermentation of pretreated sugarcane bagasse to ethanol using a new thermotolerant yeast. <i>Annals of Microbiology</i> , 2015, 65, 423-429.	1.1	11
118	Microbiological Analyses of Traditional Alcoholic Beverage (Chhang) and its Starter (Balma) Prepared by Bhotiya Tribe of Uttarakhand, India. <i>Indian Journal of Microbiology</i> , 2016, 56, 28-34.	1.5	11
119	D-Glucose soluble starch, a novel medium for inducing microcyclic conidiation in <i>Aspergillus</i> . <i>Mycological Research</i> , 1992, 96, 490-494.	2.5	10
120	Ecofriendly approach for detection of phenols in water using laccase from different fungi. <i>Water Science and Technology</i> , 2012, 66, 385-393.	1.2	10
121	Laccase-catalysed reaction between Meldrum's acid and catechols/hydroquinones — An investigation. <i>Comptes Rendus Chimie</i> , 2013, 16, 728-735.	0.2	10
122	Microbial Pectinases and Their Applications. , 2013, , 107-124.		10
123	Pilot-scale pretreatments of sugarcane bagasse with steam explosion and mineral acid, organic acid, and mixed acids: synergies, enzymatic hydrolysis efficiencies, and structure-morphology correlations. <i>Biomass Conversion and Biorefinery</i> , 2017, 7, 179-189.	2.9	10
124	Second Generation Bioethanol Production: The State of Art. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 121-146.	0.1	10
125	Hydrolytic potential of extracellular enzymes from a mutant strain of. <i>Bioprocess and Biosystems Engineering</i> , 1999, 20, 133.	0.5	10
126	Microorganisms and Enzymes Involved in Lignin Degradation Vis-À-vis Production of Nutritionally Rich Animal Feed: An Overview. , 2013, , 3-44.		9

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127	Enzymatic Saccharification of Acid/Alkali Pre-treated, Mill-run, and Depithed Sugarcane Bagasse. <i>BioResources</i> , 2016, 11, .	0.5	9
128	A possible relation between cyclic-AMP levels and glycogen mobilization in <i>Coprinus cinereus</i> . <i>Transactions of the British Mycological Society</i> , 1987, 88, 229-236.	0.6	8
129	Karyogamy-dependent enzyme derepression in the basidiomycete. <i>Cell Biology International Reports</i> , 1987, 11, 335-341.	0.7	8
130	Light-independent conidiation in <i>Trichoderma</i> spp.: a novel approach to microcycle conidiation. <i>World Journal of Microbiology and Biotechnology</i> , 1993, 9, 353-356.	1.7	8
131	Development of an Amperometric Polyphenol Biosensor Based on Fungal Laccase Immobilized on Nitrocellulose Membrane. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2012, 40, 163-170.	0.9	8
132	Characterization of recombinant pectate lyase refolded from inclusion bodies generated in <i>E. coli</i> BL21(DE3). <i>Protein Expression and Purification</i> , 2015, 110, 43-51.	0.6	8
133	Nutritional and Toxicological Assessment of White-Rot Fermented Animal Feed. <i>Indian Journal of Microbiology</i> , 2012, 52, 185-190.	1.5	6
134	Cellulases: Application in Wine and Brewery Industry. , 2016, , 193-200.		6
135	Cellulose as Potential Feedstock for Cellulase Enzyme Production: Versatility and Properties of Various Cellulosic Biomasses. , 2019, , 11-27.		5
136	Comparative Study of Cellulase Production Using Submerged and Solid-State Fermentation. , 2019, , 99-113.		5
137	Biorefinery potential of newly isolated yeast <i>Clavispora lusitaniae</i> for co-production of erythritol and ethanol. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 8061-8073.	2.9	5
138	Production and characterization of a xylanase from <i>Cyathus stercoreus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 1994, 10, 293-295.	1.7	4
139	Nutritional evaluation of wheat straw treated with <i>Crinipellis</i> sp. in Sahiwal calves. <i>Tropical Animal Health and Production</i> , 2013, 45, 1817-1823.	0.5	4
140	Molecular identification and in vitro screening of antagonistic bacteria from agricultural byproduct compost: Effect of compost on development and photosynthetic efficiency of tomato plant. <i>Annals of Microbiology</i> , 2014, 64, 571-580.	1.1	4
141	<i>Bacillus pseudoflexus</i> sp. nov., a moderately halophilic bacterium isolated from compost. <i>Annals of Microbiology</i> , 2016, 66, 895-905.	1.1	4
142	Scale-up of abatement of fermentation inhibitors from acid hydrolysates for efficient conversion to ethanol as biofuel. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1826-1834.	1.6	4
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