Ramesh Chander Kuhad

List of Publications by Year
in descending order

166 papers	8,852 citations	44444 50 h-index	53065 89 g-index
173 all docs	173 docs citations	173 times ranked	8928 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 Candida shehatae 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 Gracilaria verrucosa, a red alga, in a biorefinery approach. Bioresource Technology, 2013, 135, 150-156.	4.8	254
6	Separate hydrolysis and fermentation (SHF) of Prosopis juliflora, a woody substrate, for the production of cellulosic ethanol by Saccharomyces cerevisiae and Pichia stipitis-NCIM 3498. Bioresource Technology, 2009, 100, 1214-1220.	4.8	234
7	Optimization of cellulase production by a brown rot fungus Fomitopsis 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 Lantana camara (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 Bacillus pumilus strain MK001 and its application in saccharification of Prosopis juliflora. 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 Bacillus pumilus ASH and its potential application in paper industry. Enzyme and Microbial Technology, 2007, 41, 733-739.	1.6	117

#	Article	IF	Citations
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. Canadian Journal of Microbiology, 2008, 54, 305-313.	0.8	112
20	Fed batch enzymatic saccharification of newspaper cellulosics improves the sugar content in the hydrolysates and eventually the ethanol fermentation by Saccharomyces cerevisiae. Biomass and Bioenergy, 2010, 34, 1189-1194.	2.9	112
21	Purification and characterization of extracellular xylanase from Streptomyces cyaneus SN32. Bioresource Technology, 2008, 99, 1252-1258.	4.8	111
22	Assessment of bacterial diversity during composting of agricultural byproducts. BMC Microbiology, 2013, 13, 99.	1.3	108
23	Production and optimization of cellulase-free, alkali-stable xylanase by Bacillus pumilus SV-85S in submerged fermentation. Journal of Industrial Microbiology and Biotechnology, 2010, 37, 71-83.	1.4	104
24	Developments in Microbial Methods for the Treatment of Dye Effluents. Advances in Applied Microbiology, 2004, 56, 185-213.	1.3	95
25	Biodegradation of lindane (Î³-hexachlorocyclohexane) by the white-rot fungusTrametes hirsutus. Letters in Applied Microbiology, 1999, 28, 238-241.	1.0	94
26	Fungal delignification of lignocellulosic biomass improves the saccharification of cellulosics. Biodegradation, 2011, 22, 797-804.	1.5	93
27	Biochemical and Molecular Basis of Pesticide Degradation by Microorganisms. Critical Reviews in Biotechnology, 1999, 19, 197-225.	5.1	91
28	Properties and application of a partially purified alkaline xylanase from an alkalophilic fungus Aspergillus nidulans KK-99. Bioresource Technology, 2002, 85, 39-42.	4.8	85
29	Immobilization of Xylanase from Bacillus pumilus Strain MK001 and its Application in Production of Xylo-oligosaccharides. Applied Biochemistry and Biotechnology, 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. Bioresource Technology, 2014, 169, 96-102.	4.8	84
31	Optimization of xylanase production using inexpensive agro-residues by alkalophilic Bacillus subtilis ASH in solid-state fermentation. World Journal of Microbiology and Biotechnology, 2008, 24, 633-640.	1.7	81
32	Decolorization of triphenylmethane dyes by the bird's nest fungus Cyathus bulleri. Current Microbiology, 1995, 30, 269-272.	1.0	78
33	Bioprocessing of enhanced cellulase production from a mutant of Trichoderma asperellum RCK2011 and its application in hydrolysis of cellulose. Fuel, 2014, 124, 183-189.	3.4	75
34	Production and recovery of an alkaline exo-polygalacturonase from Bacillus subtilis RCK under solid-state fermentation using statistical approach. Bioresource Technology, 2008, 99, 937-945.	4.8	73
35	Enhanced production and extraction of phenolic compounds from wheat by solid-state fermentation with Rhizopus oryzae RCK2012. Biotechnology Reports (Amsterdam, Netherlands), 2014, 4, 120-127.	2.1	71
36	Fungal pretreatment improves amenability of lignocellulosic material for its saccharification to sugars. Carbohydrate Polymers, 2014, 99, 264-269.	5.1	69

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37	Microorganisms as an Alternative Source of Protein. Nutrition Reviews, 1997, 55, 65-75.	2.6	68
38	Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context. Renewable and Sustainable Energy Reviews, 2020, 131, 109965.	8.2	63
39	Effect of amino acids and vitamins on laccase production by the bird's nest fungus Cyathus bulleri. Bioresource Technology, 2002, 84, 35-38.	4.8	62
40	Laccase: enzyme revisited and function redefined. Indian Journal of Microbiology, 2008, 48, 309-316.	1.5	62
41	Strain improvement of thermotolerant Saccharomyces cerevisiae VS3 strain for better utilization of lignocellulosic substrates. Journal of Applied Microbiology, 2007, 103, 1480-1489.	1.4	60
42	Degradation of insecticide lindane (Î³-HCH) by white-rot fungiCyathus bulleri andPhanerochaete sordida. Pest Management Science, 2000, 56, 142-146.	1.7	59
43	Bleaching of wheat straw-rich soda pulp with xylanase from a thermoalkalophilic Streptomyces cyaneus SN32. Bioresource Technology, 2006, 97, 2291-2295.	4.8	59
44	Bioconversion of pentose sugars to ethanol by free and immobilized cells of Candida shehatae (NCL-3501): Fermentation behaviour. Process Biochemistry, 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. Biology and Fertility of Soils, 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. Biotechnology for Biofuels, 2012, 5, 16.	6.2	56
47	Solid state bioconversion of wheat straw into digestible and nutritive ruminant feed by Ganoderma sp. rckk02. Bioresource Technology, 2012, 107, 347-351.	4.8	55
48	Organoiodine(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. European Journal of Medicinal Chemistry, 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. Journal of Applied Microbiology, 2007, 103, 305-317.	1.4	54
50	One-step purification and characterization of cellulase-free xylanase produced by alkalophilic Bacillus subtilis ash. Brazilian Journal of Microbiology, 2010, 41, 467-476.	0.8	53
51	High-level xylanase production by alkaliphilic Bacillus pumilus ASH under solid-state fermentation. World Journal of Microbiology and Biotechnology, 2006, 22, 1281-1287.	1.7	52
52	Laccase production by Coriolopsis caperata RCK2011: Optimization under solid state fermentation by Taguchi DOE methodology. Scientific Reports, 2013, 3, 1386.	1.6	52
53	Production of thermostable hydrolases (cellulases and xylanase) from Thermoascus aurantiacus RCKK: a potential fungus. Bioprocess and Biosystems Engineering, 2015, 38, 787-796.	1.7	52
54	Enhanced production of an alkaline pectinase from Streptomyces sp. RCK-SC by whole-cell immobilization and solid-state cultivation. World Journal of Microbiology and Biotechnology, 2004, 20, 257-263.	1.7	51

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55	Decolorization of Synthetic Dyes and Textile Effluents by Basidiomycetous Fungi. Water, Air, and Soil Pollution, 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 Ganoderma sp. kk-02. Letters in Applied Microbiology, 2005, 41, 24-31.	1.0	50
57	Use of xylan-rich cost effective agro-residues in the production of xylanase by Streptomyces cyaneus SN32. Journal of Applied Microbiology, 2005, 99, 1141-1148.	1.4	50
58	Upgrading the antioxidant potential of cereals by their fungal fermentation under solid-state cultivation conditions. Letters in Applied Microbiology, 2014, 59, 493-499.	1.0	50
59	Biochemical characterization and molecular evidence of a laccase from the birdâ€™s nest fungus Cyathus bulleri. Fungal Genetics and Biology, 2005, 42, 684-693.	0.9	48
60	Xylanase production from an alkalophilic actinomycete isolate Streptomyces sp. RCK-2010, its characterization and application in saccharification of second generation biomass. Journal of Molecular Catalysis B: Enzymatic, 2012, 74, 170-177.	1.8	48
61	Arabinofuranosidases: Characteristics, microbial production, and potential in waste valorization and industrial applications. Bioresource Technology, 2020, 304, 123019.	4.8	48
62	Bioprocessing of wheat straw into nutritionally rich and digested cattle feed. Scientific Reports, 2014, 4, 6360.	1.6	46
63	Valorization of Rice Straw for Ethanol Production and Lignin Recovery Using Combined Acid-Alkali Pre-treatment. Bioenergy Research, 2019, 12, 570-582.	2.2	46
64	Induction of laccase production inCyathus bulleri under shaking and static culture conditions. Folia Microbiologica, 1994, 39, 326-330.	1.1	45
65	Hyper production of alkali stable xylanase in lesser duration by Bacillus pumilus SV-85S using wheat bran under solid state fermentation. New Biotechnology, 2011, 28, 581-587.	2.4	44
66	Improvement of microbial Î±-amylase stability: Strategic approaches. Process Biochemistry, 2016, 51, 1380-1390.	1.8	44
67	Fermentation of xylose and rice straw hydrolysate to ethanol byCandida shehatae NCL-3501. Journal of Industrial Microbiology, 1996, 17, 20-23.	0.9	43
68	A hypercellulolytic mutant of Fusarium oxysporum. Letters in Applied Microbiology, 1994, 19, 397-400.	1.0	40
69	Process development for the production of bioethanol from waste algal biomass of Gracilaria verrucosa. Bioresource Technology, 2016, 220, 584-589.	4.8	39
70	Study of charcoal detoxification of acid hydrolysate from corncob and its fermentation to xylitol. Journal of Environmental Chemical Engineering, 2017, 5, 4573-4582.	3.3	39
71	Optimization of xylanase production by a hyperxylanolytic mutant strain of Fusarium oxysporum. Process Biochemistry, 1998, 33, 641-647.	1.8	38
72	Genetic transformation of lignin degrading fungi facilitated by Agrobacterium tumefaciens. BMC Biotechnology, 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 Streptomyces violaceoruber under submerged fermentation using response surface methodology. Indian Journal of Microbiology, 2007, 47, 144-152.	1.5	36
75	Middle-redox potential laccase from Ganoderma 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 Aspergillus niger 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 Cyathus bulleri. 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 Bacillus 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 Bacillus pumilus 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 Fusarium oxysporum. Enzyme and Microbial Technology, 1995, 17, 551-553.	1.6	32
83	Laccase from Basidiomycetous Fungus Catalyzes the Synthesis of Substituted 5â€•Deazaâ€•10â€•oxaflavins <i>via</i> 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) byCyathus bulleri. 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. RCKâ€•1: 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 Ganoderma lucidum RCKB-2010 and its therapeutic potential. Annals of Microbiology, 2014, 64, 839-846.	1.1	22
92	In-Vitro Refolding and Characterization of Recombinant Laccase (CotA) From Bacillus pumilus MK001 and Its Potential for Phenolics Degradation. Molecular Biotechnology, 2016, 58, 789-800.	1.3	22
93	Corncob-based biorefinery: A comprehensive review of pretreatment methodologies, and biorefinery platforms. Journal of the Energy Institute, 2022, 101, 290-308.	2.7	22
94	Enhanced production of cellulases byPenicillium citrinum in solid state fermentation of cellulosic residue. World Journal of Microbiology and Biotechnology, 1993, 9, 100-101.	1.7	21
95	An amperometric polyphenol biosensor based on laccase immobilized on epoxy resin membrane. Analytical Methods, 2011, 3, 709.	1.3	21
96	Fermentation of pentose and hexose sugars from corncob, a low cost feedstock into ethanol. Biomass and Bioenergy, 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. Journal of Applied Microbiology, 2014, 116, 923-933.	1.4	21
98	Agrobacterium-mediated delivery of marker genes to Phanerochaete chrysosporium mycelial pellets: a model transformation system for white-rot fungi. Biotechnology and Applied Biochemistry, 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. Applied Microbiology and Biotechnology, 2013, 97, 6991-7003.	1.7	19
100	Isolation and partial characterization of actinomycetes with antimicrobial activity against multidrug resistant bacteria. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1147-S1150.	0.5	18
101	Potential of in situ SSF laccase produced from Ganoderma lucidum RCK 2011 in biobleaching of paper pulp. Bioprocess and Biosystems Engineering, 2019, 42, 367-377.	1.7	18
102	Enumeration of methanogens with a focus on fluorescence in situ hybridization. Die Naturwissenschaften, 2011, 98, 457-472.	0.6	17
103	Application of lignocellulolytic enzymes produced under solid state cultivation conditions. Bioresource Technology, 2012, 115, 249-254.	4.8	17
104	First time reported enzymatic synthesis of new series of quinoxalinesâ€"A green approach. Journal of Molecular Catalysis B: Enzymatic, 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 Trichoderma sp. RCK65 under SSF and its evaluation in saccharification of cellulosic substrates. Bioprocess and Biosystems Engineering, 2016, 39, 1659-1670.	1.7	17
107	Lovastatin production by Aspergillus terreus using lignocellulose biomass in large scale packed bed reactor. Food and Bioproducts Processing, 2014, 92, 416-424.	1.8	15
108	Reduced toxicity of malachite green decolorized by laccase produced from Ganoderma sp. rckk-02 under solid-state fermentation. 3 Biotech, 2015, 5, 621-631.	1.1	15

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109	Biological Remediation of Petroleum Contaminants. Soil Biology, 2009, , 173-187.	0.6	14
110	Improved Production of Thermostable Cellulase from Thermoascus aurantiacus RCKK by Fermentation Bioprocessing and Its Application in the Hydrolysis of Office Waste Paper, Algal Pulp, and Biologically Treated Wheat Straw. Applied Biochemistry and Biotechnology, 2017, 181, 784-800.	1.4	14
111	Functional Expression of a Thermostable Endoglucanase from Thermoascus aurantiacus RCKK in Pichia pastoris X-33 and Its Characterization. Molecular Biotechnology, 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 E. coli. PLoS ONE, 2015, 10, e0144379.	1.1	14
113	Microbes and their Role in Sustainable Development. Indian Journal of Microbiology, 2012, 52, 309-313.	1.5	13
114	Laccaseâ€"a natural source for the synthesis of benzofuro[2,3-c]pyrazolin-5-ones. Catalysis Science and Technology, 2013, 3, 230-234.	2.1	13
115	Bacillus paraflexus sp. nov., isolated from compost. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4735-4743.	0.8	12
116	Integrated Lignocellulosic Biorefinery for Sustainable Bio-Based Economy. Biofuel and Biorefinery Technologies, 2019, , 25-46.	0.1	12
117	Simultaneous saccharification and fermentation of pretreated sugarcane bagasse to ethanol using a new thermotolerant yeast. Annals of Microbiology, 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. Indian Journal of Microbiology, 2016, 56, 28-34.	1.5	11
119	D-Glucose soluble starch, a novel medium for inducing microcyclic conidiation in Aspergillus. Mycological Research, 1992, 96, 490-494.	2.5	10
120	Ecofriendly approach for detection of phenols in water using laccase from different fungi. Water Science and Technology, 2012, 66, 385-393.	1.2	10
121	Laccase-catalysed reaction between Meldrum's acid and catechols/hydroquinones â€"ÂAn investigation. Comptes Rendus Chimie, 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. Biomass Conversion and Biorefinery, 2017, 7, 179-189.	2.9	10
124	Second Generation Bioethanol Production: The State of Art. Biofuel and Biorefinery Technologies, 2019, , 121-146.	0.1	10
125	Hydrolytic potential of extracellular enzymes from a mutant strain of. Bioprocess and Biosystems Engineering, 1999, 20, 133.	0.5	10
126	Microorganisms and Enzymes Involved in Lignin Degradation Vis-Ã-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. BioResources, 2016, 11, .	0.5	9
128	A possible relation between cyclic-AMP levels and glycogen mobilization in Coprinus cinereus. Transactions of the British Mycological Society, 1987, 88, 229-236.	0.6	8
129	Karyogamy-dependent enzyme derepression in the basidlomycete. Cell Biology International Reports, 1987, 11, 335-341.	0.7	8
130	Light-independent conidiation in Trichoderma spp.: a novel approach to microcycle conidiation. World Journal of Microbiology and Biotechnology, 1993, 9, 353-356.	1.7	8
131	Development of an Amperometric Polyphenol Biosensor Based on Fungal Laccase Immobilized on Nitrocellulose Membrane. Artificial Cells, Blood Substitutes, and Biotechnology, 2012, 40, 163-170.	0.9	8
132	Characterization of recombinant pectate lyase refolded from inclusion bodies generated in E. coli BL21(DE3). Protein Expression and Purification, 2015, 110, 43-51.	0.6	8
133	Nutritional and Toxicological Assessment of White-Rot Fermented Animal Feed. Indian Journal of Microbiology, 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 Clavispora lusitaniae for co-production of erythritol and ethanol. Biomass Conversion and Biorefinery, 2023, 13, 8061-8073.	2.9	5
138	Production and characterization of a xylanase from Cyathus stercoreus. World Journal of Microbiology and Biotechnology, 1994, 10, 293-295.	1.7	4
139	Nutritional evaluation of wheat straw treated with Crinipellis sp. in Sahiwal calves. Tropical Animal Health and Production, 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. Annals of Microbiology, 2014, 64, 571-580.	1.1	4
141	Bacillus pseudoflexus sp. nov., a moderately halophilic bacterium isolated from compost. Annals of Microbiology, 2016, 66, 895-905.	1.1	4
142	Scaleâ€up of abatement of fermentation inhibitors from acid hydrolysates for efficient conversion to ethanol as biofuel. Journal of Chemical Technology and Biotechnology, 2016, 91, 1826-1834.	1.6	4
143	Chemoenzymatic Synthesis, Nanotization, and Anti-Aspergillus Activity of Optically Enriched Fluconazole Analogues. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	4
144	Composting of Lignocellulosic Waste Material for Soil Amendment. Soil Biology, 2011, , 107-128.	0.6	4

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145	Microbial Decolorization of Colored Industrial Effluents. , 2012, , 787-813.		4
146	Bioethanol Production from <I>Prosopis Juliflora</I> Using Thermotolerant <I>Saccharomyces Cereviseae</I> VS₃ Strain. Journal of Biobased Materials and Bioenergy, 2008, 2, 204-209.	0.1	4
147	Laccase from Basidiomycetous Fungusâ€"Catalyzed Synthesis of Substituted Benzopyranocoumarins via Domino Reaction. Synthetic Communications, 2011, 41, 695-706.	1.1	3
148	Enhanced Exoglucanase Production by Brown Rot Fungus Fomitopsis sp. RCK2010 and its Application for Cellulose Saccharification. Applied Biochemistry and Biotechnology, 2012, 168, 2004-2016.	1.4	3
149	Biocatalytic Synthesis of Novel Partial Esters of a Bioactive Dihydroxy 4-Methylcoumarin by Rhizopus oryzae Lipase (ROL). Molecules, 2016, 21, 1499.	1.7	3
150	Thermophilic Fungi and Their Enzymes for Biorefineries. , 2019, , 479-502.		3
151	Karyogamy-dependent enzyme derepression in the basidiomycete. Cell Biology International Reports, 1987, 11, 119-124.	0.7	2
152	Ligninolytic enzymes improve soil DNA purity: Solution to methodological challenges of soil metagenomics. Journal of Molecular Catalysis B: Enzymatic, 2012, 83, 73-79.	1.8	2
153	Ligninolytic Enzymes in Environmental Management. , 2013, , 219-238.		2
154	Diversity and Functions of Soil Microflora in Development of Plants. , 2008, , 71-98.		2
155	Mineralization of [¹⁴C]octadecane by <i>Acinetobacter calcoaceticus</i> S19. Canadian Journal of Microbiology, 1998, 44, 681-686.	0.8	2
156	Solubilization of low-grade Indian rock phosphates and inorganic phosphates byBacillus licheniformis. Folia Microbiologica, 1993, 38, 274-276.	1.1	1
157	Sustainable Enzyme Technology for Environment: Biosensors for Monitoring of Pollutants and Toxic Compounds. , 2013, , 69-76.		1
158	Effect of protein synthesis and respiratory inhibitors on microcycle conidiation of Aspergillus tamarii.. Journal of General and Applied Microbiology, 1992, 38, 617-621.	0.4	1
159	Preface. Biodegradation, 2011, 22, 685-685.	1.5	0
160	New President of AMIâ€"2011. Indian Journal of Microbiology, 2011, 51, 112-112.	1.5	0
161	Reply to comment by Passoth on â€œPretreatment of lignocellulosic material with fungi capable of higher lignin degradation and lower carbohydrate degradation improves substrate acid hydrolysis and the eventual conversion to ethanolâ€1Original article by Kuhar et al. appears in Can. J. Microbiol. 54(4): 305â€"313, and is available at http://www.nrcresearchpress.com/doi/full/10.1139/W08-003. Comment by Passoth appears in Can. J. Microbiol. 58: this issue, and is available at http://www.nrcresearchpress.com/doi/ful. Canadian Journal of Microbiology, 2012, 58, 683-683.	0.8	0
162	Know Your Chairman of Indian Academy of Microbiological Sciences. Indian Journal of Microbiology, 2013, 53, 119-119.	1.5	0

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163	Solid-State Bioconversion and Animal Feed Production: Present Status and Future Prospects. , 2013, , 45-53.		0
164	Biofuels: The Environment-Friendly Energy Carriers. , 2013, , 125-148.		0
165	Biodegradation of Styrene-Butadiene-Styrene Coploymer via Sugars Attached to the Polymer Chain. Advances in Materials Physics and Chemistry, 2013, 03, 112-118.	0.3	0
166	Reply by Author to the discussion by Ramesh Chander. Geophysics, 1976, 41, 777-778.	1.4	0