

Ramesh Chander Kuhad

List of Publications by Year in descending order

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167
papers

8,852
citations

38742

50
h-index

46799

89
g-index

173
all docs

173
docs citations

173
times ranked

8092
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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. | 4.6 | 5 |
| 2 | Corn-cob-based biorefinery: A comprehensive review of pretreatment methodologies, and biorefinery platforms. <i>Journal of the Energy Institute</i> , 2022, 101, 290-308. | 5.3 | 22 |
| 3 | Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 109965. | 16.4 | 63 |
| 4 | Arabinofuranosidases: Characteristics, microbial production, and potential in waste valorization and industrial applications. <i>Bioresource Technology</i> , 2020, 304, 123019. | 9.6 | 48 |
| 5 | Integrated Lignocellulosic Biorefinery for Sustainable Bio-Based Economy. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 25-46. | 0.3 | 12 |
| 6 | Thermophilic Fungi and Their Enzymes for Biorefineries. , 2019, , 479-502. | | 3 |
| 7 | Valorization of Rice Straw for Ethanol Production and Lignin Recovery Using Combined Acid-Alkali Pre-treatment. <i>Bioenergy Research</i> , 2019, 12, 570-582. | 3.9 | 46 |
| 8 | Cellulose as Potential Feedstock for Cellulase Enzyme Production: Versatility and Properties of Various Cellulosic Biomasses. , 2019, , 11-27. | | 5 |
| 9 | Comparative Study of Cellulase Production Using Submerged and Solid-State Fermentation. , 2019, , 99-113. | | 5 |
| 10 | 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. | 3.4 | 18 |
| 11 | Second Generation Bioethanol Production: The State of Art. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 121-146. | 0.3 | 10 |
| 12 | 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). <i>Biochemical Engineering Journal</i> , 2018, 132, 182-190. | 3.6 | 36 |
| 13 | Bifunctional in vivo role of laccase exploited in multiple biotechnological applications. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10327-10343. | 3.6 | 37 |
| 14 | 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. | 2.4 | 14 |
| 15 | 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. | 2.9 | 14 |
| 16 | Chemoenzymatic Synthesis, Nanotization, and Anti- <i>Aspergillus</i> Activity of Optically Enriched Fluconazole Analogues. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, . | 3.2 | 4 |
| 17 | Study of charcoal detoxification of acid hydrolysate from corn-cob and its fermentation to xylitol. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 4573-4582. | 6.7 | 39 |
| 18 | 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. | 4.6 | 10 |

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|----|---|------|-----------|
| 19 | Enzymatic Saccharification of Acid/Alkali Pre-treated, Mill-run, and Depithed Sugarcane Bagasse. <i>BioResources</i> , 2016, 11, . | 1.0 | 9 |
| 20 | Cellulases: Application in Wine and Brewery Industry. , 2016, , 193-200. | | 6 |
| 21 | Biocatalytic Synthesis of Novel Partial Esters of a Bioactive Dihydroxy 4-Methylcoumarin by <i>Rhizopus oryzae</i> Lipase (ROL). <i>Molecules</i> , 2016, 21, 1499. | 3.8 | 3 |
| 22 | Antioxidant phenolics and their microbial production by submerged and solid state fermentation process: A review. <i>Trends in Food Science and Technology</i> , 2016, 53, 60-74. | 15.1 | 217 |
| 23 | Process development for the production of bioethanol from waste algal biomass of <i>Gracilaria verrucosa</i> . <i>Bioresource Technology</i> , 2016, 220, 584-589. | 9.6 | 39 |
| 24 | 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. | 2.4 | 22 |
| 25 | Improvement of microbial α -amylase stability: Strategic approaches. <i>Process Biochemistry</i> , 2016, 51, 1380-1390. | 3.7 | 44 |
| 26 | 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. | 3.4 | 17 |
| 27 | <i>Bacillus pseudoflexus</i> sp. nov., a moderately halophilic bacterium isolated from compost. <i>Annals of Microbiology</i> , 2016, 66, 895-905. | 2.6 | 4 |
| 28 | Revisiting cellulase production and redefining current strategies based on major challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 55, 249-272. | 16.4 | 164 |
| 29 | 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. | 2.7 | 11 |
| 30 | 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. | 3.2 | 4 |
| 31 | 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. | 1.3 | 8 |
| 32 | 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. | 2.2 | 15 |
| 33 | 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. | 3.4 | 52 |
| 34 | Simultaneous saccharification and fermentation of pretreated sugarcane bagasse to ethanol using a new thermotolerant yeast. <i>Annals of Microbiology</i> , 2015, 65, 423-429. | 2.6 | 11 |
| 35 | 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. | 2.5 | 14 |
| 36 | Modulation of xylanase production from alkaliphilic <i>Bacillus pumilus</i> VLK-1 through process optimization and temperature shift operation. <i>3 Biotech</i> , 2014, 4, 345-356. | 2.2 | 33 |

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|----|--|------|-----------|
| 37 | 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. | 6.4 | 75 |
| 38 | 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. | 3.1 | 21 |
| 39 | Lovastatin production by <i>Aspergillus terreus</i> using lignocellulose biomass in large scale packed bed reactor. <i>Food and Bioproducts Processing</i> , 2014, 92, 416-424. | 3.6 | 15 |
| 40 | Fungal pretreatment improves amenability of lignocellulosic material for its saccharification to sugars. <i>Carbohydrate Polymers</i> , 2014, 99, 264-269. | 10.2 | 69 |
| 41 | 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. | 4.4 | 71 |
| 42 | 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. | 9.6 | 84 |
| 43 | 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. | 2.6 | 4 |
| 44 | Production of ganoderic acid by <i>Ganoderma lucidum</i> RCKB-2010 and its therapeutic potential. <i>Annals of Microbiology</i> , 2014, 64, 839-846. | 2.6 | 22 |
| 45 | 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. | 2.2 | 50 |
| 46 | Bioprocessing of wheat straw into nutritionally rich and digested cattle feed. <i>Scientific Reports</i> , 2014, 4, 6360. | 3.3 | 46 |
| 47 | Assessment of bacterial diversity during composting of agricultural byproducts. <i>BMC Microbiology</i> , 2013, 13, 99. | 3.3 | 108 |
| 48 | Know Your Chairman of Indian Academy of Microbiological Sciences. <i>Indian Journal of Microbiology</i> , 2013, 53, 119-119. | 2.7 | 0 |
| 49 | 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. | 1.4 | 4 |
| 50 | 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. | 4.1 | 13 |
| 51 | Laccase production by <i>Coriolopsis caperata</i> RCK2011: Optimization under solid state fermentation by Taguchi DOE methodology. <i>Scientific Reports</i> , 2013, 3, 1386. | 3.3 | 52 |
| 52 | Laccase-catalysed reaction between Meldrum's acid and catechols/hydroquinones —An investigation. <i>Comptes Rendus Chimie</i> , 2013, 16, 728-735. | 0.5 | 10 |
| 53 | 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. | 3.6 | 19 |
| 54 | 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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|----|--|-----|-----------|
| 55 | Solid-State Bioconversion and Animal Feed Production: Present Status and Future Prospects. , 2013, , 45-53. | | 0 |
| 56 | Sustainable Enzyme Technology for Environment: Biosensors for Monitoring of Pollutants and Toxic Compounds. , 2013, , 69-76. | | 1 |
| 57 | Cellulases and Their Biotechnological Applications. , 2013, , 89-106. | | 17 |
| 58 | Microbial Pectinases and Their Applications. , 2013, , 107-124. | | 10 |
| 59 | Ligninolytic Enzymes in Environmental Management. , 2013, , 219-238. | | 2 |
| 60 | Biofuels: The Environment-Friendly Energy Carriers. , 2013, , 125-148. | | 0 |
| 61 | Bioethanol production from <i>Gracilaria verrucosa</i> , a red alga, in a biorefinery approach. <i>Bioresource Technology</i> , 2013, 135, 150-156. | 9.6 | 254 |
| 62 | <i>Bacillus paraflexus</i> sp. nov., isolated from compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4735-4743. | 1.7 | 12 |
| 63 | Middle-redox potential laccase from <i>Ganoderma</i> sp.: its application in improvement of feed for monogastric animals. <i>Scientific Reports</i> , 2013, 3, 1299. | 3.3 | 36 |
| 64 | Biodegradation of Styrene-Butadiene-Styrene Copolymer via Sugars Attached to the Polymer Chain. <i>Advances in Materials Physics and Chemistry</i> , 2013, 03, 112-118. | 0.7 | 0 |
| 65 | Saponin: Role in Animal system. <i>Veterinary World</i> , 2012, 5, 248. | 1.7 | 34 |
| 66 | Ecofriendly approach for detection of phenols in water using laccase from different fungi. <i>Water Science and Technology</i> , 2012, 66, 385-393. | 2.5 | 10 |
| 67 | 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 |
| 68 | Fermentation of pentose and hexose sugars from corncob, a low cost feedstock into ethanol. <i>Biomass and Bioenergy</i> , 2012, 47, 334-341. | 5.7 | 21 |
| 69 | Reply to comment by Passoth on <i>Acid 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> Original article by Kuhar et al. appears in <i>Can. J. Microbiol.</i> 54(4): 305-313, and is available at http://www.nrcresearchpress.com/doi/full/10.1139/W08-003 . Comment by Passoth appears in <i>Can. J. Microbiol.</i> 58: this issue, and is available at http://www.nrcresearchpress.com/doi/full/10.1139/CJM-58-683-688 . | 1.7 | 0 |
| 70 | Ligninolytic enzymes improve soil DNA purity: Solution to methodological challenges of soil metagenomics. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 83, 73-79. | 1.8 | 2 |
| 71 | 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 |
| 72 | Enhanced Exoglucanase Production by Brown Rot Fungus <i>Fomitopsis</i> sp. RCK2010 and its Application for Cellulose Saccharification. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2004-2016. | 2.9 | 3 |

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|----|--|------|-----------|
| 73 | Isolation and partial characterization of actinomycetes with antimicrobial activity against multidrug resistant bacteria. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1147-S1150. | 1.2 | 18 |
| 74 | Laccase from an alkalitolerant basidiomycetes <i>Crinipellis</i> sp. RCK-1: Production optimization by response surface methodology. Journal of Basic Microbiology, 2012, 52, 397-407. | 3.3 | 24 |
| 75 | Nutritional and Toxicological Assessment of White-Rot Fermented Animal Feed. Indian Journal of Microbiology, 2012, 52, 185-190. | 2.7 | 6 |
| 76 | Microbes and their Role in Sustainable Development. Indian Journal of Microbiology, 2012, 52, 309-313. | 2.7 | 13 |
| 77 | Application of lignocellulolytic enzymes produced under solid state cultivation conditions. Bioresource Technology, 2012, 115, 249-254. | 9.6 | 17 |
| 78 | Solid state bioconversion of wheat straw into digestible and nutritive ruminant feed by <i>Ganoderma</i> sp. rckk02. Bioresource Technology, 2012, 107, 347-351. | 9.6 | 55 |
| 79 | Xylanase production from an alkalophilic actinomycete isolate <i>Streptomyces</i> 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 |
| 80 | First time reported enzymatic synthesis of new series of quinoxalines—A green approach. Journal of Molecular Catalysis B: Enzymatic, 2012, 74, 236-240. | 1.8 | 17 |
| 81 | Microbial Decolorization of Colored Industrial Effluents. , 2012, , 787-813. | | 4 |
| 82 | Phosphate-Solubilizing Microorganisms. Soil Biology, 2011, , 65-84. | 0.8 | 23 |
| 83 | An amperometric polyphenol biosensor based on laccase immobilized on epoxy resin membrane. Analytical Methods, 2011, 3, 709. | 2.7 | 21 |
| 84 | Laccase from Basidiomycetous Fungus—Catalyzed Synthesis of Substituted Benzopyranocoumarins via Domino Reaction. Synthetic Communications, 2011, 41, 695-706. | 2.1 | 3 |
| 85 | Hyper production of alkali stable xylanase in lesser duration by <i>Bacillus pumilus</i> SV-85S using wheat bran under solid state fermentation. New Biotechnology, 2011, 28, 581-587. | 4.4 | 44 |
| 86 | Bioethanol production from pentose sugars: Current status and future prospects. Renewable and Sustainable Energy Reviews, 2011, 15, 4950-4962. | 16.4 | 171 |
| 87 | Fungal delignification of lignocellulosic biomass improves the saccharification of celluloses. Biodegradation, 2011, 22, 797-804. | 3.0 | 93 |
| 88 | White-rot fungal conversion of wheat straw to energy rich cattle feed. Biodegradation, 2011, 22, 823-831. | 3.0 | 118 |
| 89 | Preface. Biodegradation, 2011, 22, 685-685. | 3.0 | 0 |
| 90 | Enumeration of methanogens with a focus on fluorescence in situ hybridization. Die Naturwissenschaften, 2011, 98, 457-472. | 1.6 | 17 |

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|-----|--|------|-----------|
| 91 | New President of AMLâ€™2011. Indian Journal of Microbiology, 2011, 51, 112-112. | 2.7 | 0 |
| 92 | Optimization of cellulase production by a brown rot fungus Fomitopsis sp. RCK2010 under solid state fermentation. Bioresource Technology, 2011, 102, 6065-6072. | 9.6 | 227 |
| 93 | Evaluation of pretreatment methods in improving the enzymatic saccharification of cellulosic materials. Carbohydrate Polymers, 2011, 84, 1103-1109. | 10.2 | 134 |
| 94 | Microbial Cellulases and Their Industrial Applications. Enzyme Research, 2011, 2011, 1-10. | 1.8 | 638 |
| 95 | Composting of Lignocellulosic Waste Material for Soil Amendment. Soil Biology, 2011, , 107-128. | 0.8 | 4 |
| 96 | Bioethanol production from Lantana camara (red sage): Pretreatment, saccharification and fermentation. Bioresource Technology, 2010, 101, 8348-8354. | 9.6 | 167 |
| 97 | 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. | 3.0 | 104 |
| 98 | Decolorization of Synthetic Dyes and Textile Effluents by Basidiomycetous Fungi. Water, Air, and Soil Pollution, 2010, 210, 409-419. | 2.4 | 51 |
| 99 | Fed batch enzymatic saccharification of newspaper cellulose improves the sugar content in the hydrolysates and eventually the ethanol fermentation by Saccharomyces cerevisiae. Biomass and Bioenergy, 2010, 34, 1189-1194. | 5.7 | 112 |
| 100 | Genetic transformation of lignin degrading fungi facilitated by Agrobacterium tumefaciens. BMC Biotechnology, 2010, 10, 67. | 3.3 | 37 |
| 101 | One-step purification and characterization of cellulase-free xylanase produced by alkalophilic Bacillus subtilis ash. Brazilian Journal of Microbiology, 2010, 41, 467-476. | 2.0 | 53 |
| 102 | Biological Remediation of Petroleum Contaminants. Soil Biology, 2009, , 173-187. | 0.8 | 14 |
| 103 | Laccase from Basidiomycetous Fungus Catalyzes the Synthesis of Substituted 5â€œDeazaâ€œ10â€œoxaflavins <i>via</i> a Domino Reaction. Advanced Synthesis and Catalysis, 2009, 351, 589-595. | 4.3 | 32 |
| 104 | An evidence of laccases in archaea. Indian Journal of Microbiology, 2009, 49, 142-150. | 2.7 | 26 |
| 105 | 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. | 9.6 | 234 |
| 106 | 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. | 3.6 | 81 |
| 107 | Laccase: enzyme revisited and function redefined. Indian Journal of Microbiology, 2008, 48, 309-316. | 2.7 | 62 |
| 108 | Purification and characterization of extracellular xylanase from Streptomyces cyaneus SN32. Bioresource Technology, 2008, 99, 1252-1258. | 9.6 | 111 |

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|-----|---|-----|-----------|
| 109 | Cost-effective xylanase production from free and immobilized <i>Bacillus pumilus</i> strain MK001 and its application in saccharification of <i>Prosopis juliflora</i> . <i>Biochemical Engineering Journal</i> , 2008, 38, 88-97. | 3.6 | 127 |
| 110 | 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. | 9.6 | 73 |
| 111 | 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. | 1.7 | 112 |
| 112 | Bioethanol Production from $\text{Prosopis Juliflora}$ Using Thermotolerant $\text{Saccharomyces Cerevisiae}$ VS3 Strain. <i>Journal of Biobased Materials and Bioenergy</i> , 2008, 2, 204-209. | 0.3 | 4 |
| 113 | Diversity and Functions of Soil Microflora in Development of Plants. , 2008, , 71-98. | | 2 |
| 114 | Detoxification of sugarcane bagasse hydrolysate improves ethanol production by <i>Candida shehatae</i> NCIM 3501. <i>Bioresource Technology</i> , 2007, 98, 1947-1950. | 9.6 | 384 |
| 115 | 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. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 868-872. | 5.5 | 54 |
| 116 | Enhanced production of cellulase-free thermostable xylanase by <i>Bacillus pumilus</i> ASH and its potential application in paper industry. <i>Enzyme and Microbial Technology</i> , 2007, 41, 733-739. | 3.2 | 117 |
| 117 | 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. | 3.1 | 54 |
| 118 | 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. | 3.1 | 60 |
| 119 | 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. | 2.9 | 84 |
| 120 | Statistical optimization of alkaline xylanase production from <i>Streptomyces violaceoruber</i> under submerged fermentation using response surface methodology. <i>Indian Journal of Microbiology</i> , 2007, 47, 144-152. | 2.7 | 36 |
| 121 | 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. | 9.6 | 59 |
| 122 | <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. | 3.1 | 20 |
| 123 | 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. | 3.6 | 52 |
| 124 | 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. | 4.3 | 58 |
| 125 | Isolation of Three Xylanase-Producing Strains of Actinomycetes and Their Identification Using Molecular Methods. <i>Current Microbiology</i> , 2006, 53, 178-182. | 2.2 | 29 |
| 126 | Effect of antibiotics on growth and laccase production from and. <i>Bioresource Technology</i> , 2005, 96, 1415-1418. | 9.6 | 24 |

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|-----|---|-----|-----------|
| 127 | In vivo enzymatic digestion, in vitro xylanase digestion, metabolic analogues, surfactants and polyethylene glycol ameliorate laccase production from <i>Ganoderma</i> sp. kk-02. <i>Letters in Applied Microbiology</i> , 2005, 41, 24-31. | 2.2 | 50 |
| 128 | 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. | 3.1 | 50 |
| 129 | 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. | 2.1 | 48 |
| 130 | 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. | 3.6 | 51 |
| 131 | Improving the yield and quality of DNA isolated from white-rot fungi. <i>Folia Microbiologica</i> , 2004, 49, 112-116. | 2.3 | 26 |
| 132 | Developments in Microbial Methods for the Treatment of Dye Effluents. <i>Advances in Applied Microbiology</i> , 2004, 56, 185-213. | 2.4 | 95 |
| 133 | Ethidium bromide stimulated hyper laccase production from bird's nest fungus <i>Cyathus bulleri</i> . <i>Letters in Applied Microbiology</i> , 2003, 36, 64-67. | 2.2 | 35 |
| 134 | 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. | 9.6 | 62 |
| 135 | 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. | 9.6 | 85 |
| 136 | Improved polygalacturonase production from <i>Bacillus</i> sp. MG-cp-2 under submerged (SmF) and solid state (SSF) fermentation. <i>Letters in Applied Microbiology</i> , 2002, 34, 317-322. | 2.2 | 33 |
| 137 | In Situ Bioremediation Potential of an Oily Sludge-Degrading Bacterial Consortium. <i>Current Microbiology</i> , 2001, 43, 328-335. | 2.2 | 185 |
| 138 | Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2001, 17, 5-8. | 3.6 | 34 |
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