

Sunil K Khare

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5907822/publications.pdf>

Version: 2024-02-01

188
papers

6,135
citations

66234

42
h-index

91712

69
g-index

193
all docs

193
docs citations

193
times ranked

6251
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of lactones for flavoring and pharmacological purposes from unsaturated lipids: an industrial perspective. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10047-10078.	5.4	6
2	Effect of <i>Psidium guajava</i> leaves extracts on thermo-lipid oxidation and Maillard pathway born food toxicant acrylamide in Indian staple food. <i>Journal of Food Science and Technology</i> , 2022, 59, 86-94.	1.4	3
3	Green lactic acid production using low-cost renewable sources and potential applications. , 2022, , 345-365.		1
4	Superoxide dismutase as multipotent therapeutic antioxidant enzyme: Role in human diseases. <i>Biotechnology Letters</i> , 2022, 44, 1-22.	1.1	36
5	Utilizing the β -lactam hydrolyzing activity of β -lactamase produced by <i>Bacillus cereus</i> EMB20 for remediation of β -lactam antibiotics. <i>International Biodeterioration and Biodegradation</i> , 2022, 168, 105363.	1.9	4
6	Benefits and challenges of antibody drug conjugates as novel form of chemotherapy. <i>Journal of Controlled Release</i> , 2022, 341, 555-565.	4.8	20
7	Sustainable production of succinic acid by utilization of agricultural wastes. , 2022, , 463-480.		1
8	Molecular and structural insights of β -boswellic acid and glycyrrhizic acid as potent SARS-CoV-2 Envelope protein inhibitors. <i>Phytomedicine Plus</i> , 2022, 2, 100241.	0.9	6
9	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
10	An Innovative <i>Prosopis cineraria</i> Pod Aqueous Waste as Natural Inhibitor for Enhancing Unsaturated Lipids Production in Yeast Cell Using Banana Peel. <i>Waste and Biomass Valorization</i> , 2022, 13, 3113-3126.	1.8	5
11	Potent β -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
12	Genome Sequence Analysis of <i>Exiguobacterium</i> sp. Strain TBG-PICH-001, Isolated from Pichavaram Mangrove Forest in South India. <i>Microbiology Resource Announcements</i> , 2022, 11, e0009622.	0.3	2
13	Recent perspectives on microbial and ionic liquid interactions with implications for biorefineries. <i>Journal of Molecular Liquids</i> , 2022, 362, 119796.	2.3	10
14	Production and characterization of <i>Komagataeibacter xylinus</i> SGP8 nanocellulose and its calcite based composite for removal of Cd ions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 46423-46430.	2.7	10
15	Phytochemical delivery through nanocarriers: a review. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111389.	2.5	90
16	Overexpression and repression of key rate-limiting enzymes (acetyl CoA carboxylase and HMG) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 <i>Microbiology</i> , 2021, 61, 4-14.	1.8	10
17	Recovery and purification of industrial enzymes. , 2021, , 59-75.		0
18	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

#	ARTICLE	IF	CITATIONS
19	One-pot production of lactic acid from rice straw pretreated with ionic liquid. <i>Bioresource Technology</i> , 2021, 323, 124563.	4.8	25
20	Microbial Nano-Factories: Synthesis and Biomedical Applications. <i>Frontiers in Chemistry</i> , 2021, 9, 626834.	1.8	88
21	Alzheimer's disease and its treatment by different approaches: A review. <i>European Journal of Medicinal Chemistry</i> , 2021, 216, 113320.	2.6	199
22	New threatening of SARS-CoV-2 coinfection and strategies to fight the current pandemic. <i>Medicine in Drug Discovery</i> , 2021, 10, 100089.	2.3	13
23	Biologically synthesized silver nanoparticles by <i>Streptomyces</i> sp. EMB24 extracts used against the drug-resistant bacteria. <i>Bioresource Technology Reports</i> , 2021, 15, 100753.	1.5	15
24	Antimicrobial resistance in biofilms: Exploring marine actinobacteria as a potential source of antibiotics and biofilm inhibitors. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 30, e00613.	2.1	38
25	A Review of Bacterial Antibiotic Resistance Genes and Their Removal Strategies from Wastewater. <i>Current Pollution Reports</i> , 2021, 7, 494-509.	3.1	20
26	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
27	Cellular adaptation responses in a halotolerant <i>Exiguobacterium</i> exhibiting organic solvent tolerance with simultaneous protease production. <i>Environmental Technology and Innovation</i> , 2021, 23, 101803.	3.0	7
28	Recent strategies for inhibiting multidrug-resistant and β -lactamase producing bacteria: A review. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111901.	2.5	15
29	Microbial itaconic acid production from starchy food waste by newly isolated thermotolerant <i>Aspergillus terreus</i> strain. <i>Bioresource Technology</i> , 2021, 337, 125426.	4.8	24
30	Effect of key regulators in augmenting transcriptional expression of Transglutaminase in <i>Streptomyces mobaraensis</i> . <i>Bioresource Technology</i> , 2021, 340, 125627.	4.8	5
31	Immobilization of L-asparaginase on magnetic nanoparticles: Kinetics and functional characterization and applications. <i>Bioresource Technology</i> , 2021, 339, 125599.	4.8	17
32	Lactic Acid Bacteria for Production of Platform Chemicals: A Dark Horse in the Field of Industrial Biotechnology. <i>Environmental and Microbial Biotechnology</i> , 2021, , 3-25.	0.4	1
33	Editorial: Mining, Designing, Mechanisms and Applications of Extremophilic Enzymes. <i>Frontiers in Microbiology</i> , 2021, 12, 709377.	1.5	1
34	A Chemosensor Based on Gold Nanoparticles and Dithiothreitol (DTT) for Acrylamide Electroanalysis. <i>Nanomaterials</i> , 2021, 11, 2610.	1.9	3
35	Trans fatty acids in food: A review on dietary intake, health impact, regulations and alternatives. <i>Journal of Food Science</i> , 2021, 86, 5159-5174.	1.5	20
36	Microbial transglutaminase nanoflowers as an alternative nanomedicine for breast cancer theranostics. <i>RSC Advances</i> , 2021, 11, 34613-34630.	1.7	4

#	ARTICLE	IF	CITATIONS
37	Secretome Analysis and Bioprospecting of Lignocellulolytic Fungal Consortium for Valorization of Waste Cottonseed Cake by Hydrolase Production and Simultaneous Gossypol Degradation. <i>Waste and Biomass Valorization</i> , 2020, 11, 2533-2548.	1.8	7
38	Synthesis of cost-effective magnetic nano-biocomposites mimicking peroxidase activity for remediation of dyes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 27211-27220.	2.7	28
39	Synergistic extraction using sweep-floc coagulation and acidification of rhamnolipid produced from industrial lignocellulosic hydrolysate in a bioreactor using sequential (fill-and-draw) approach. <i>Process Biochemistry</i> , 2020, 90, 233-240.	1.8	11
40	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
41	Enzymatic Remediation of Polyethylene Terephthalate (PET)-Based Polymers for Effective Management of Plastic Wastes: An Overview. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 602325.	2.0	79
42	Immobilization of Transglutaminase on multi-walled carbon nanotubes and its application as bioinspired hydrogel scaffolds. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1747-1758.	3.6	16
43	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
44	Ecological and toxicological manifestations of microplastics: current scenario, research gaps, and possible alleviation measures. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2020, 38, 1-20.	0.4	14
45	Screening of lactic acid bacteria stable in ionic liquids and lignocellulosic by-products for bio-based lactic acid production. <i>Bioresource Technology Reports</i> , 2020, 11, 100423.	1.5	9
46	Agroindustrial waste based biorefineries for sustainable production of lactic acid. , 2020, , 125-153.		3
47	Valorization of agro-starchy wastes as substrates for oleaginous microbes. <i>Biomass and Bioenergy</i> , 2019, 127, 105294.	2.9	31
48	Refolding of thermally denatured cholesterol oxidases by magnetic nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 958-965.	3.6	19
49	Microbial Diversity of Saline Habitats: An Overview of Biotechnological Applications. <i>Soil Biology</i> , 2019, , 65-92.	0.6	6
50	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
51	Thermozymes: Adaptive strategies and tools for their biotechnological applications. <i>Bioresource Technology</i> , 2019, 278, 372-382.	4.8	79
52	Proteomic profiling of <i>Sporotrichum thermophile</i> under the effect of ionic liquids: manifestation of an oxidative stress response. <i>3 Biotech</i> , 2019, 9, 240.	1.1	3
53	Kinetics of epoxidation by a <i>Musa paradisiaca</i> chloroperoxidase. <i>International Journal of Chemical Kinetics</i> , 2019, 51, 602-609.	1.0	0
54	Statistical and sequential (fill-and-draw) approach to enhance rhamnolipid production using industrial lignocellulosic hydrolysate C6 stream from <i>Achromobacter</i> sp. (PS1). <i>Bioresource Technology</i> , 2019, 288, 121494.	4.8	17

#	ARTICLE	IF	CITATIONS
55	Utilization of agro-industrial waste for production of Transglutaminase from <i>Streptomyces mobaraensis</i> . <i>Bioresource Technology</i> , 2019, 287, 121391.	4.8	8
56	Production and characterization of glycolipid biosurfactant from <i>Achromobacter</i> sp. (PS1) isolate using one-factor-at-a-time (OFAT) approach with feasible utilization of ammonia-soaked lignocellulosic pretreated residues. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1301-1315.	1.7	29
57	Efficacy of ureolytic <i>Enterobacter cloacae</i> EMB19 mediated calcite precipitation in remediation of Zn (II). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 536-542.	0.9	10
58	Role of <i>Musa paradisiaca</i> ascorbate peroxidase in the transformation of methyl phenyl sulfide to its sulfoxide. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 962-968.	3.6	4
59	<i>Sporotrichum thermophile</i> Xylanases and Their Biotechnological Applications. , 2019, , 307-328.		1
60	Stability of Therapeutic Enzymes: Challenges and Recent Advances. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1148, 131-150.	0.8	4
61	Effect of Nanomaterials and Their Possible Implication on the Plants. , 2019, , 213-229.		4
62	<i>Camelina sativa</i> : An Emerging Biofuel Crop. , 2019, , 2889-2925.		3
63	Bioprospecting microbes for single-cell oil production from starchy wastes. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 296-302.	1.0	13
64	Cholesterol-oxidase-magnetic nanobioconjugates for the production of 4-cholesten-3-one and 4-cholesten-3, 7-dione. <i>Bioresource Technology</i> , 2018, 254, 91-96.	4.8	35
65	One-pot bioprocess for lactic acid production from lignocellulosic agro-wastes by using ionic liquid stable <i>Lactobacillus brevis</i> . <i>Bioresource Technology</i> , 2018, 251, 268-273.	4.8	63
66	Immobilization of <i>Aspergillus niger</i> cellulase on multiwall carbon nanotubes for cellulose hydrolysis. <i>Bioresource Technology</i> , 2018, 252, 72-75.	4.8	125
67	Harnessing the bio-mineralization ability of urease producing <i>Serratia marcescens</i> and <i>Enterobacter cloacae</i> EMB19 for remediation of heavy metal cadmium (II). <i>Journal of Environmental Management</i> , 2018, 215, 143-152.	3.8	91
68	Structure and Functional Characterisation of a Distinctive β -Lactamase from an Environmental Strain EMB20 of <i>Bacillus cereus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 197-211.	1.4	6
69	Potential of ionic liquids for inhibiting the growth and β -lactamase production by <i>Bacillus cereus</i> EMB20. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1915-1921.	3.6	10
70	Stability and structure of <i>Penicillium chrysogenum</i> lipase in the presence of organic solvents. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 977-982.	1.0	10
71	Banana peel waste management for single-cell oil production. <i>Energy, Ecology and Environment</i> , 2018, 3, 296-303.	1.9	12
72	Ionic Liquid Stable Cellulases and Hemicellulases: Application in Biobased Production of Biofuels. , 2018, , 505-532.		3

#	ARTICLE	IF	CITATIONS
73	Potential and Perspective of Castor Biorefinery. , 2018, , 623-656.		15
74	Camelina sativa: An Emerging Biofuel Crop. , 2018, , 1-38.		6
75	Trends in Oil Production from Oleaginous Yeast Using Biomass: Biotechnological Potential and Constraints. Applied Biochemistry and Microbiology, 2018, 54, 361-369.	0.3	23
76	Halophilic lipase does forms catalytically active aggregates: Evidence from Marinobacter sp. EMB5 lipase (LipEMB5). International Journal of Biological Macromolecules, 2018, 119, 172-179.	3.6	7
77	Asparaginase conjugated magnetic nanoparticles used for reducing acrylamide formation in food model system. Bioresource Technology, 2018, 269, 121-126.	4.8	48
78	Current insight and futuristic vistas of microbial transglutaminase in nutraceutical industry. Microbiological Research, 2018, 215, 7-14.	2.5	35
79	Immobilization of Cholesterol Oxidase: An Overview. Open Biotechnology Journal, 2018, 12, 176-188.	0.6	20
80	Immobilization of cholesterol oxidase: An overview. Current Bionanotechnology, 2018, 04, .	0.6	0
81	Cost effective characterization process and molecular dynamic simulation of detergent compatible alkaline protease from Bacillus pumilus strain MP27. Process Biochemistry, 2017, 58, 199-203.	1.8	27
82	Three phase partitioning and spectroscopic characterization of bioactive constituent from halophilic Bacillus subtilis EMB M15. Bioresource Technology, 2017, 242, 283-286.	4.8	7
83	Biodegradation of γ -hexachlorocyclohexane (lindane) by halophilic bacterium Chromohalobacter sp. LD2 isolated from HCH dumpsite. International Biodeterioration and Biodegradation, 2017, 122, 23-28.	1.9	29
84	Biodegradation of 7-Ketocholesterol by Rhodococcus erythropolis MTCC 3951: Process optimization and enzymatic insights. Chemistry and Physics of Lipids, 2017, 207, 253-259.	1.5	18
85	Development of cellulase-nanoconjugates with enhanced ionic liquid and thermal stability for in situ lignocellulose saccharification. Bioresource Technology, 2017, 242, 236-243.	4.8	102
86	Biodegradation of 4-chlorobiphenyl by using induced cells and cell extract ofBurkholderia xenovorans. Bioremediation Journal, 2017, 21, 109-118.	1.0	4
87	Biodegradation of waste grease by Penicillium chrysogenum for production of fatty acid. Bioresource Technology, 2017, 226, 31-38.	4.8	13
88	Adverse effect of CdTe quantum dots on the cell membrane of Bacillus subtilis : Insight from microscopy. Nano Structures Nano Objects, 2017, 12, 19-26.	1.9	7
89	Multi-omic Approaches for Mapping Interactions Among Marine Microbiomes. , 2017, , 353-368.		1
90	Efficacy of ionic liquids on the growth and simultaneous xylanase production by Sporotrichum thermophile: membrane integrity, composition and morphological investigation. RSC Advances, 2017, 7, 21114-21123.	1.7	10

#	ARTICLE	IF	CITATIONS
91	Immobilization of <i>A. oryzae</i> β -galactosidase on Silica Nanoparticles: Development of an Effective Biosensor for Determination of Lactose in Milk Whey. , 2017, , 3-18.		2
92	2-Pyrrolidone synthesis from β -aminobutyric acid produced by <i>Lactobacillus brevis</i> under solid-state fermentation utilizing toxic deoiled cottonseed cake. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 145-152.	1.7	17
93	Lipolytic Enzymes. , 2017, , 175-198.		5
94	Comparative Proteomic Insights on Responses of Gram-positive and Gram-negative Halophilic Bacteria Grown in Two Different Salt Concentrations. <i>Current Proteomics</i> , 2017, 14, .	0.1	1
95	Effect of CeO ₂ Nanoparticles on Germination and Total Proteins Pattern of <i>Brassica nigra</i> Seeds. <i>Current Bionanotechnology</i> , 2017, 2, 122-126.	0.6	3
96	Biodegradation of 1,1,1-trichloro-2,2-bis(4-chlorophenyl) ethane (DDT) by using <i>Serratia marcescens</i> NCIM 2919. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 809-816.	0.7	19
97	Applicability of <i>Sporotrichum thermophile</i> xylanase in the in situ saccharification of wheat straw pre-treated with ionic liquids. <i>Process Biochemistry</i> , 2016, 51, 2090-2096.	1.8	20
98	Lipases as Biocatalyst for Production of Biolubricants. , 2016, , 187-203.		2
99	Biodegradation of cytotoxic 7-Ketocholesterol by <i>Pseudomonas aeruginosa</i> PseA. <i>Bioresource Technology</i> , 2016, 213, 44-49.	4.8	21
100	Structural elucidation and molecular characterization of <i>Marinobacter</i> sp. β -amylase. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 238-246.	1.0	10
101	Sustainable Options for Mitigation of Major Toxicants Originating from Electronic Waste. <i>Current Science</i> , 2016, 111, 1946.	0.4	9
102	Chloride Activated Halophilic β -Amylase from <i>Marinobacter</i> sp. EMB8: Production Optimization and Nanoimmobilization for Efficient Starch Hydrolysis. <i>Enzyme Research</i> , 2015, 2015, 1-9.	1.8	20
103	Current perspectives in enzymatic saccharification of lignocellulosic biomass. <i>Biochemical Engineering Journal</i> , 2015, 102, 38-44.	1.8	113
104	Immobilization of halophilic <i>Bacillus</i> sp. EMB9 protease on functionalized silica nanoparticles and application in whey protein hydrolysis. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 739-748.	1.7	26
105	Secretome Analysis of a <i>Pseudomonas aeruginosa</i> Strain Grown Under High Alkane Stress. <i>Current Proteomics</i> , 2015, 12, 202-208.	0.1	1
106	Protective role of salt in catalysis and maintaining structure of halophilic proteins against denaturation. <i>Frontiers in Microbiology</i> , 2014, 5, 165.	1.5	81
107	Efficacy of Herbal Drugs in Human Diseases and Disorders. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-2.	0.5	15
108	Extremophiles: An Overview of Microorganism from Extreme Environment. <i>International Journal of Agriculture Environment and Biotechnology</i> , 2014, 7, 371.	0.1	73

#	ARTICLE	IF	CITATIONS
109	Production of <i>Sporotrichum thermophile</i> xylanase by solid state fermentation utilizing deoiled <i>Jatropha curcas</i> seed cake and its application in xylooligosaccharide synthesis. <i>Bioresource Technology</i> , 2014, 153, 126-130.	4.8	76
110	Microbial mineralization of struvite: A promising process to overcome phosphate sequestering crisis. <i>Water Research</i> , 2014, 54, 33-43.	5.3	74
111	EFFICIENT PROTEOLYSIS AND APPLICATION OF AN ALKALINE PROTEASE FROM HALOPHILIC <i>Bacillus</i> sp. EMB9. <i>Preparative Biochemistry and Biotechnology</i> , 2014, 44, 680-696.	1.0	11
112	Effect of organic solvents on the structure and activity of moderately halophilic <i>Bacillus</i> sp. EMB9 protease. <i>Extremophiles</i> , 2014, 18, 1057-1066.	0.9	28
113	Structural Changes in Halophilic and Non-halophilic Proteases in Response to Chaotropic Reagents. <i>Protein Journal</i> , 2014, 33, 394-402.	0.7	6
114	Differential interactions of halophilic and non-halophilic proteases with nanoparticles. <i>Sustainable Chemical Processes</i> , 2014, 2, .	2.3	7
115	Heavy Metal Bioremediation and Nanoparticle Synthesis by Metallophilic. <i>Soil Biology</i> , 2014, , 101-118.	0.6	6
116	A Proteomic Approach to Understand the Role of the Outer Membrane Porins in the Organic Solvent-Tolerance of <i>Pseudomonas aeruginosa</i> PseA. <i>PLoS ONE</i> , 2014, 9, e103788.	1.1	13
117	Characterization of detergent compatible protease of a halophilic <i>Bacillus</i> sp. EMB9: Differential role of metal ions in stability and activity. <i>Bioresource Technology</i> , 2013, 145, 357-361.	4.8	67
118	Downstream processing, characterization, and structure–function relationship of solvent-, detergent-, psychro-, thermo-, alkalistable metalloprotease from metal-, solvent-tolerant psychrotrophic <i>Pseudomonas putida</i> SKG-1 isolate. <i>Biotechnology Progress</i> , 2013, 29, 99-108.	1.3	4
119	Purification and characterization of <i>Pseudomonas aeruginosa</i> lipase produced by SSF of deoiled <i>Jatropha</i> seed cake. <i>Biocatalysis and Agricultural Biotechnology</i> , 2013, 2, 32-37.	1.5	16
120	Biochemical Basis of Mercury Remediation and Bioaccumulation by <i>Enterobacter</i> sp. EMB21. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 256-267.	1.4	12
121	Thermostable Proteases. , 2013, , 859-880.		11
122	Molecular Basis of Nanotoxicity and Interaction of Microbial Cells with Nanoparticles. <i>Current Biotechnology</i> , 2013, 2, 64-72.	0.2	8
123	Manganese: Its Speciation, Pollution and Microbial Mitigation. <i>International Journal of Applied Sciences and Biotechnology</i> , 2013, 1, 162-170.	0.4	6
124	Screening and isolation of halophilic bacteria producing industrially important enzymes. <i>Brazilian Journal of Microbiology</i> , 2012, 43, 1595-1603.	0.8	111
125	Halophilic Microorganisms as Sources of Novel Enzymes. , 2012, , 555-579.		15
126	Purification and characterization of maltooligosaccharide-forming α -amylase from moderately halophilic <i>Marinobacter</i> sp. EMB8. <i>Bioresource Technology</i> , 2012, 116, 247-251.	4.8	68

#	ARTICLE	IF	CITATIONS
127	Bioremediation of waste cooking oil using a novel lipase produced by <i>Penicillium chrysogenum</i> SNP5 grown in solid medium containing waste grease. <i>Bioresource Technology</i> , 2012, 120, 300-304.	4.8	75
128	Induction of xylanase in thermophilic fungi <i>Scytalidium thermophilum</i> and <i>Sporotrichum thermophile</i> . <i>Brazilian Archives of Biology and Technology</i> , 2012, 55, 21-27.	0.5	14
129	Studies on mercury bioremediation by alginate immobilized mercury tolerant <i>Bacillus cereus</i> cells. <i>International Biodeterioration and Biodegradation</i> , 2012, 71, 1-8.	1.9	75
130	Mercury bioremediation by mercury accumulating <i>Enterobacter</i> sp. cells and its alginate immobilized application. <i>Biodegradation</i> , 2012, 23, 25-34.	1.5	42
131	Solvent tolerant <i>Pseudomonads</i> as a source of novel lipases for applications in non-aqueous systems. <i>Biocatalysis and Biotransformation</i> , 2011, 29, 161-171.	1.1	5
132	Comparative one-factor-at-a-time, response surface (statistical) and bench-scale bioreactor level optimization of thermoalkaline protease production from a psychrotrophic <i>Pseudomonas putida</i> SKG-1 isolate. <i>Microbial Cell Factories</i> , 2011, 10, 114.	1.9	58
133	Stability of haloalkaliphilic <i>Geomicrobium</i> sp. protease modulated by salt. <i>Biochemistry (Moscow)</i> , 2011, 76, 686-693.	0.7	29
134	Statistical optimization of palm oil hydrolysis by <i>Pseudomonas aeruginosa</i> PseA lipase. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2011, 6, 147-153.	0.8	9
135	Utilization of deoiled <i>Jatropha curcas</i> seed cake for production of xylanase from thermophilic <i>Scytalidium thermophilum</i> . <i>Bioresource Technology</i> , 2011, 102, 1722-1726.	4.8	34
136	Mercury bioaccumulation and simultaneous nanoparticle synthesis by <i>Enterobacter</i> sp. cells. <i>Bioresource Technology</i> , 2011, 102, 4281-4284.	4.8	92
137	Degradation of phorbol esters by <i>Pseudomonas aeruginosa</i> PseA during solid-state fermentation of deoiled <i>Jatropha curcas</i> seed cake. <i>Bioresource Technology</i> , 2011, 102, 4815-4819.	4.8	84
138	Interaction and nanotoxic effect of ZnO and Ag nanoparticles on mesophilic and halophilic bacterial cells. <i>Bioresource Technology</i> , 2011, 102, 1516-1520.	4.8	195
139	A novel organic solvent tolerant protease from a newly isolated <i>Geomicrobium</i> sp. EMB2 (MTCC 10310): production optimization by response surface methodology. <i>New Biotechnology</i> , 2011, 28, 136-145.	2.4	40
140	Synthesis and characterization of monodispersed orthorhombic manganese oxide nanoparticles produced by <i>Bacillus</i> sp. cells simultaneous to its bioremediation. <i>Journal of Hazardous Materials</i> , 2011, 192, 620-627.	6.5	54
141	A novel psychrotrophic, solvent tolerant <i>Pseudomonas putida</i> SKG-1 and solvent stability of its psychro-thermoalkaliphilic protease. <i>Process Biochemistry</i> , 2011, 46, 1430-1435.	1.8	29
142	Gene Identification and Molecular Characterization of Solvent Stable Protease from A Moderately Haloalkaliphilic Bacterium, <i>Geomicrobium</i> sp. EMB2. <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 129-135.	0.9	19
143	Alkaline lipase production from <i>Enterobacter aerogenes</i> by solid-state fermentation of agro-industrial wastes. <i>International Journal of Environment and Waste Management</i> , 2010, 5, 410.	0.2	4
144	Evaluation of hydrolytic enzymes in bioaugmented compost of <i>Jatropha</i> cake under aerobic and partial anaerobic conditions. <i>Annals of Microbiology</i> , 2010, 60, 685-691.	1.1	9

#	ARTICLE	IF	CITATIONS
145	Purification and characterization of a solvent stable aminopeptidase from <i>Pseudomonas aeruginosa</i> : Cloning and analysis of aminopeptidase gene conferring solvent stability. <i>Process Biochemistry</i> , 2010, 45, 757-764.	1.8	19
146	Purification and characterization of a solvent stable protease from <i>Geomicrobium</i> sp. EMB2. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1061-1072.	1.2	36
147	Antioxidant and Antimicrobial Activity in Some Indian Herbal Plants: Protective Effect against Free Radical Mediated DNA Damage. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2010, 19, 229-233.	0.9	4
148	Cellular response mechanisms in <i>Pseudomonas aeruginosa</i> PseA during growth in organic solvents. <i>Letters in Applied Microbiology</i> , 2009, 49, 372-377.	1.0	22
149	Lipase-catalyzed production of a bioactive fatty amide derivative of 7,10-dihydroxy-8(E)-octadecenoic acid. <i>Bioresource Technology</i> , 2009, 100, 1482-1485.	4.8	21
150	Enzymes from solvent-tolerant microbes: Useful biocatalysts for non-aqueous enzymology. <i>Critical Reviews in Biotechnology</i> , 2009, 29, 44-54.	5.1	85
151	Purification and characterization of lipase from solvent tolerant <i>Pseudomonas aeruginosa</i> PseA. <i>Process Biochemistry</i> , 2008, 43, 1040-1046.	1.8	80
152	Protein-Coated Microcrystals of <i>Pseudomonas aeruginosa</i> PseA lipase. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 160-166.	1.4	18
153	Purification and stability characteristics of an alkaline serine protease from a newly isolated Haloalkaliphilic bacterium sp. AH-6. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008, 35, 121-131.	1.4	91
154	Production of protease and lipase by solvent tolerant <i>Pseudomonas aeruginosa</i> PseA in solid-state fermentation using <i>Jatropha curcas</i> seed cake as substrate. <i>Bioresource Technology</i> , 2008, 99, 1729-1735.	4.8	206
155	Lipase from solvent tolerant <i>Pseudomonas aeruginosa</i> strain: Production optimization by response surface methodology and application. <i>Bioresource Technology</i> , 2008, 99, 4796-4802.	4.8	112
156	Solvent-Stable <i>Pseudomonas aeruginosa</i> PseA Protease Gene: Identification, Molecular Characterization, Phylogenetic and Bioinformatic Analysis to Study Reasons for Solvent Stability. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008, 15, 234-243.	1.0	14
157	Enhanced production and characterization of a solvent stable protease from solvent tolerant <i>Pseudomonas aeruginosa</i> PseA. <i>Enzyme and Microbial Technology</i> , 2007, 42, 11-16.	1.6	64
158	A novel process for extraction of edible oils. <i>Bioresource Technology</i> , 2007, 98, 696-699.	4.8	85
159	A solvent tolerant isolate of. <i>Bioresource Technology</i> , 2006, 97, 99-103.	4.8	27
160	A protease stable in organic solvents from solvent tolerant strain of <i>Pseudomonas aeruginosa</i> . <i>Bioresource Technology</i> , 2006, 97, 1788-1793.	4.8	65
161	Galacto-oligosaccharide synthesis by immobilized <i>Aspergillus oryzae</i> β -galactosidase. <i>Food Chemistry</i> , 2006, 97, 426-430.	4.2	160
162	One-step purification and characterization of an alkaline protease from haloalkaliphilic <i>Bacillus</i> sp.. <i>Journal of Chromatography A</i> , 2005, 1075, 103-108.	1.8	115

#	ARTICLE	IF	CITATIONS
163	Purification and characterization of a solvent stable protease from <i>Pseudomonas aeruginosa</i> PseA. <i>Journal of Chromatography A</i> , 2005, 1069, 155-161.	1.8	108
164	Antimicrobial activity of some natural dyes. <i>Dyes and Pigments</i> , 2005, 66, 99-102.	2.0	276
165	Immobilization of Xylan-Degrading Enzymes from <i>Scytalidium thermophilum</i> on Eudragit L-100. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 1123-1128.	1.7	23
166	Immobilization of xylan-degrading enzymes from <i>Melanocarpus albomyces</i> IIS 68 on the smart polymer Eudragit L-100. <i>Applied Microbiology and Biotechnology</i> , 2003, 61, 309-313.	1.7	39
167	Purification of an <i>Enterobacter aerogenes</i> plasmid DNA using MnCl ₂ as compaction agent. <i>Analytical Biochemistry</i> , 2003, 321, 256-258.	1.1	1
168	Enzyme-assisted aqueous extraction of peanut oil. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2002, 79, 215-218.	0.8	145
169	Three phase partitioning for extraction of oil from soybean. <i>Bioresource Technology</i> , 2002, 85, 327-329.	4.8	55
170	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 2005-2009.	1.1	5
171	Enzyme-assisted aqueous extraction of rice bran oil. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2001, 78, 949-951.	0.8	58
172	An efficient purification process for sweet potato beta-amylase by affinity precipitation with alginate. <i>Enzyme and Microbial Technology</i> , 2001, 28, 792-795.	1.6	42
173	Hydrolysis of rice hull by crosslinked <i>Aspergillus niger</i> cellulase. <i>Bioresource Technology</i> , 2001, 78, 281-284.	4.8	39
174	One-step purification of glucoamylase by affinity precipitation with alginate. <i>Journal of Molecular Recognition</i> , 2001, 14, 295-299.	1.1	34
175	Immobilization of <i>Rhizopus japonicus</i> lipase on celite and its application for enrichment of docosahexaenoic acid in soybean oil. <i>Food Chemistry</i> , 2000, 68, 153-157.	4.2	41
176	Applications of Enzymes and Membrane Technology in Fat and Oil Processing Processing. , 2000, , 70-89.		0
177	Solid-state fermentation of soyhull for the production of cellulase. <i>Bioresource Technology</i> , 1995, 54, 321-322.	4.8	21
178	Citric acid production from Okara (soy-residue) by solid-state fermentation. <i>Bioresource Technology</i> , 1995, 54, 323-325.	4.8	86
179	The active site and mechanism of the β -galactosidase from <i>Escherichia coli</i> . <i>International Journal of Biochemistry & Cell Biology</i> , 1994, 26, 309-318.	0.8	52
180	Hydrolysis of flatulence-causing galacto-oligosaccharides by agarose-entrapped <i>Aspergillus oryzae</i> cells. <i>Food Chemistry</i> , 1994, 51, 29-31.	4.2	9

#	ARTICLE	IF	CITATIONS
181	Preparation of soya bean meal protein hydrolysate by agarose-entrapped <i>Bacillus subtilis</i> cells. <i>Food Chemistry</i> , 1994, 50, 121-123.	4.2	1
182	Use of agarose-entrapped <i>Aspergillus niger</i> cells for the production of citric acid from soy whey. <i>Applied Microbiology and Biotechnology</i> , 1994, 41, 571-573.	1.7	22
183	Entrapment of proteins by aggregation within sephadex beads. <i>Applied Biochemistry and Biotechnology</i> , 1991, 27, 205-216.	1.4	14
184	An active insoluble aggregate of <i>E. coli</i> β -galactosidase. <i>Biotechnology and Bioengineering</i> , 1990, 35, 94-98.	1.7	24
185	Immobilization of <i>E. coli</i> β -galactosidase and its derivatives by polyacrylamide gel. <i>Biotechnology and Bioengineering</i> , 1988, 31, 829-833.	1.7	29
186	Preparation of Concanavalin A- β -galactosidase conjugate and its application in lactose hydrolysis. <i>Journal of Biosciences</i> , 1988, 13, 47-54.	0.5	16
187	A crosslinked preparation of <i>E. coli</i> β -D-galactosidase. <i>Applied Biochemistry and Biotechnology</i> , 1987, 16, 1-13.	1.4	10
188	Environment-Friendly Synergistic Abiotic Stress for Enhancing the Yield of Lipids from Oleaginous Yeasts. <i>European Journal of Lipid Science and Technology</i> , 0, , 2000376.	1.0	5