

Zhen-Ming Chi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121
papers

2,852
citations

29
h-index

46
g-index

122
ext. papers

3,260
ext. citations

5.8
avg. IF

5.36
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 121 | A high molecular weight polyomalate is synthesized by the whole genome duplicated strain <i>Aureobasidium melanogenum</i> OUC.. <i>International Journal of Biological Macromolecules</i> , 2022 , 202, 608-608 | 7.9 | 1 |
| 120 | Making of Massoia Lactone-Loaded and Food-Grade Nanoemulsions and Their Bioactivities against a Pathogenic Yeast. <i>Journal of Marine Science and Engineering</i> , 2022 , 10, 339 | 2.4 | 0 |
| 119 | <i>Aureobasidium</i> spp. and their applications in biotechnology. <i>Process Biochemistry</i> , 2022 , 116, 72-83 | 4.8 | 2 |
| 118 | Liamocin overproduction by the mutants of <i>Aureobasidium melanogenum</i> 9-1 for effectively killing spores of the pathogenic fungi from diseased human skin by Massoia lactone.. <i>World Journal of Microbiology and Biotechnology</i> , 2022 , 38, 107 | 4.4 | 0 |
| 117 | Metabolic engineering of <i>Aureobasidium melanogenum</i> for the overproduction of putrescine by improved L-ornithine biosynthesis.. <i>Microbiological Research</i> , 2022 , 260, 127041 | 5.3 | 0 |
| 116 | The signaling pathways involved in metabolic regulation and stress responses of the yeast-like fungi <i>Aureobasidium</i> spp.. <i>Biotechnology Advances</i> , 2021 , 107898 | 17.8 | 0 |
| 115 | Occurrence and Distribution of Strains of <i>Saccharomyces cerevisiae</i> in China Seas. <i>Journal of Marine Science and Engineering</i> , 2021 , 9, 590 | 2.4 | |
| 114 | Liamocins biosynthesis, its regulation in spp., and their bioactivities. <i>Critical Reviews in Biotechnology</i> , 2021 , 1-13 | 9.4 | 6 |
| 113 | Molecular evolution and regulation of DHN melanin-related gene clusters are closely related to adaptation of different melanin-producing fungi. <i>Genomics</i> , 2021 , 113, 1962-1975 | 4.3 | 5 |
| 112 | Pullulan biosynthesis and its regulation in <i>Aureobasidium</i> spp. <i>Carbohydrate Polymers</i> , 2021 , 251, 117076 | 6.3 | 8 |
| 111 | cAMP-PKA and HOG1 signaling pathways regulate liamocin production by different ways via the transcriptional activator Msn2 in <i>Aureobasidium melanogenum</i> . <i>Enzyme and Microbial Technology</i> , 2021 , 143, 109705 | 3.8 | 4 |
| 110 | <i>Metschnikowia bicuspidate</i> associated with a milky disease in <i>Eriocheir sinensis</i> and its effective treatment by Massoia lactone. <i>Microbiological Research</i> , 2021 , 242, 126641 | 5.3 | 7 |
| 109 | The Genome-Wide Mutation Shows the Importance of Cell Wall Integrity in Growth of the Psychrophilic Yeast <i>Metschnikowia australis</i> W7-5 at Different Temperatures. <i>Microbial Ecology</i> , 2021 , 81, 52-66 | 4.4 | 2 |
| 108 | Polyomalate (PMA) biosynthesis and its molecular regulation in <i>Aureobasidium</i> spp. <i>International Journal of Biological Macromolecules</i> , 2021 , 174, 512-518 | 7.9 | 3 |
| 107 | The GATA type transcriptional factors regulate pullulan biosynthesis in <i>Aureobasidium melanogenum</i> P16. <i>International Journal of Biological Macromolecules</i> , 2021 , 192, 161-168 | 7.9 | 3 |
| 106 | Massoia Lactone Displays Strong Antifungal Property Against Many Crop Pathogens and Its Potential Application. <i>Microbial Ecology</i> , 2021 , 1 | 4.4 | 3 |
| 105 | Fungi in mangrove ecosystems and their potential applications. <i>Critical Reviews in Biotechnology</i> , 2020 , 40, 852-864 | 9.4 | 2 |

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| 104 | Pullulan biosynthesis in yeast-like fungal cells is regulated by the transcriptional activator Msn2 and cAMP-PKA signaling pathway. <i>International Journal of Biological Macromolecules</i> , 2020 , 157, 591-603 | 7.9 | 8 |
| 103 | Genetic evidences for the core biosynthesis pathway, regulation, transport and secretion of liamocins in yeast-like fungal cells. <i>Biochemical Journal</i> , 2020 , 477, 887-903 | 3.8 | 10 |
| 102 | Alternative primers are required for pullulan biosynthesis in <i>Aureobasidium melanogenum</i> P16. <i>International Journal of Biological Macromolecules</i> , 2020 , 147, 10-17 | 7.9 | 9 |
| 101 | Cellular lipid production by the fatty acid synthase-duplicated <i>Lipomyces kononenkoae</i> BF1S57 strain for biodiesel making. <i>Renewable Energy</i> , 2020 , 151, 707-714 | 8.1 | 5 |
| 100 | A multidomain β -glucan synthetase 2 (AmAgs2) is the key enzyme for pullulan biosynthesis in <i>Aureobasidium melanogenum</i> P16. <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 1037-1045 | 7.9 | 11 |
| 99 | A novel PMA synthetase is the key enzyme for polymalate biosynthesis and its gene is regulated by a calcium signaling pathway in <i>Aureobasidium melanogenum</i> ATCC62921. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 1053-1063 | 7.9 | 8 |
| 98 | Improved production of an acidic exopolysaccharide, the efficient flocculant, by <i>Lipomyces starkeyi</i> U9 overexpressing UDP-glucose dehydrogenase gene. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 1656-1663 | 7.9 | 5 |
| 97 | The differences between fungal β -glucan synthase determining pullulan synthesis and that controlling cell wall β 1,3 glucan synthesis. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 436-444 | 7.9 | 2 |
| 96 | Glycerol, trehalose and vacuoles had relations to pullulan synthesis and osmotic tolerance by the whole genome duplicated strain <i>Aureobasidium melanogenum</i> TN3-1 isolated from natural honey. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 131-140 | 7.9 | 3 |
| 95 | Melanin biosynthesis in the desert-derived <i>Aureobasidium melanogenum</i> XJ5-1 is controlled mainly by the CWI signal pathway via a transcriptional activator Cmr1. <i>Current Genetics</i> , 2020 , 66, 173-185 | 2.9 | 8 |
| 94 | Improved pullulan production by a mutant of <i>Aureobasidium melanogenum</i> TN3-1 from a natural honey and capsule shell preparation. <i>International Journal of Biological Macromolecules</i> , 2019 , 141, 268-277 | 7.9 | 16 |
| 93 | Macromolecular pullulan produced by <i>Aureobasidium melanogenum</i> 13-2 isolated from the Taklimakan desert and its crucial roles in resistance to the stress treatments. <i>International Journal of Biological Macromolecules</i> , 2019 , 135, 429-436 | 7.9 | 13 |
| 92 | Inulinase hyperproduction by <i>Kluyveromyces marxianus</i> through codon optimization, selection of the promoter, and high-cell-density fermentation for efficient inulin hydrolysis. <i>Annals of Microbiology</i> , 2019 , 69, 647-657 | 3.2 | 5 |
| 91 | Overproduction of a β -fructofuranosidase1 with a high FOS synthesis activity for efficient biosynthesis of fructooligosaccharides. <i>International Journal of Biological Macromolecules</i> , 2019 , 130, 988-996 | 7.9 | 20 |
| 90 | Over-expression of <i>Vitreoscilla</i> hemoglobin (VHb) and flavohemoglobin (FHb) genes greatly enhances pullulan production. <i>International Journal of Biological Macromolecules</i> , 2019 , 132, 701-709 | 7.9 | 13 |
| 89 | Biosynthesis of some organic acids and lipids in industrially important microorganisms is promoted by pyruvate carboxylases. <i>Journal of Biosciences</i> , 2019 , 44, 1 | 2.3 | 7 |
| 88 | High pullulan biosynthesis from high concentration of glucose by a hyperosmotic resistant, yeast-like fungal strain isolated from a natural comb-honey. <i>Food Chemistry</i> , 2019 , 286, 123-128 | 8.5 | 18 |
| 87 | Genome editing of different strains of <i>Aureobasidium melanogenum</i> using an efficient Cre/loxP site-specific recombination system. <i>Fungal Biology</i> , 2019 , 123, 723-731 | 2.8 | 18 |

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| 86 | Genome sequencing of a yeast-like fungal strain P6, a novel species of <i>Aureobasidium</i> spp.: insights into its taxonomy, evolution, and biotechnological potentials. <i>Annals of Microbiology</i> , 2019 , 69, 1475-1488 ^{3,2} | | 4 |
| 85 | Relationship between α -D-fructofuranosidase activity, fructooligosaccharides and pullulan biosynthesis in <i>Aureobasidium melanogenum</i> P16. <i>International Journal of Biological Macromolecules</i> , 2019 , 125, 1103-1111 | 7.9 | 7 |
| 84 | Production, Gene Cloning, and Overexpression of a Laccase in the Marine-Derived Yeast <i>Aureobasidium melanogenum</i> Strain 11-1 and Characterization of the Recombinant Laccase. <i>Marine Biotechnology</i> , 2019 , 21, 76-87 | 3.4 | 13 |
| 83 | Genome sequencing of <i>Aureobasidium pullulans</i> P25 and overexpression of a glucose oxidase gene for hyper-production of Ca-gluconic acid. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 669-678 | 2.1 | 7 |
| 82 | Efficient transformation of sucrose into high pullulan concentrations by <i>Aureobasidium melanogenum</i> TN1-2 isolated from a natural honey. <i>Food Chemistry</i> , 2018 , 257, 29-35 | 8.5 | 26 |
| 81 | Cell wall integrity is required for pullulan biosynthesis and glycogen accumulation in <i>Aureobasidium melanogenum</i> P16. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 1516-1526 | 4.6 | 7 |
| 80 | Fatty acids from oleaginous yeasts and yeast-like fungi and their potential applications. <i>Critical Reviews in Biotechnology</i> , 2018 , 38, 1049-1060 | 9.4 | 43 |
| 79 | Overexpression of a pyruvate carboxylase gene enhances extracellular liamocin and intracellular lipid biosynthesis by <i>Aureobasidium melanogenum</i> M39. <i>Process Biochemistry</i> , 2018 , 69, 64-74 | 4.8 | 20 |
| 78 | Genetics of trehalose biosynthesis in desert-derived <i>Aureobasidium melanogenum</i> and role of trehalose in the adaptation of the yeast to extreme environments. <i>Current Genetics</i> , 2018 , 64, 479-491 | 2.9 | 19 |
| 77 | α -Amylase, glucoamylase and isopullulanase determine molecular weight of pullulan produced by <i>Aureobasidium melanogenum</i> P16. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 727-734 ⁹ | 7.9 | 22 |
| 76 | Overexpression of an Inulinase Gene in an Oleaginous Yeast, <i>Aureobasidium melanogenum</i> P10, for Efficient Lipid Production from Inulin. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2018 , 28, 190-200 | 0.9 | 4 |
| 75 | Cloning, deletion, and overexpression of a glucose oxidase gene in <i>Aureobasidium</i> sp. P6 for Ca ²⁺ -gluconic acid overproduction. <i>Annals of Microbiology</i> , 2018 , 68, 871-879 | 3.2 | 6 |
| 74 | Cloning and characterization of pyruvate carboxylase gene responsible for calcium malate overproduction in <i>Penicillium viticola</i> 152 and its expression analysis. <i>Gene</i> , 2017 , 605, 81-91 | 3.8 | 7 |
| 73 | Heavy oils (mainly alkanes) over-production from inulin by <i>Aureobasidium melanogenum</i> 9-1 and its transformant 88 carrying an inulinase gene. <i>Renewable Energy</i> , 2017 , 105, 561-568 | 8.1 | 11 |
| 72 | Simultaneous production of both high molecular weight pullulan and oligosaccharides by <i>Aureobasidium melanogenum</i> P16 isolated from a mangrove ecosystem. <i>International Journal of Biological Macromolecules</i> , 2017 , 102, 1016-1024 | 7.9 | 17 |
| 71 | High-efficient production of fructo-oligosaccharides from inulin by a two-stage bioprocess using an engineered <i>Yarrowia lipolytica</i> strain. <i>Carbohydrate Polymers</i> , 2017 , 173, 592-599 | 10.3 | 21 |
| 70 | Overexpression of both the lactase gene and its transcriptional activator gene greatly enhances lactase production by <i>Kluyveromyces marxianus</i> . <i>Process Biochemistry</i> , 2017 , 61, 38-46 | 4.8 | 5 |
| 69 | A glycosyltransferase gene responsible for pullulan biosynthesis in <i>Aureobasidium melanogenum</i> P16. <i>International Journal of Biological Macromolecules</i> , 2017 , 95, 539-549 | 7.9 | 24 |

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| 68 | Production, purification, characterization and gene cloning of an esterase produced by <i>Aureobasidium melanogenum</i> HN6.2. <i>Process Biochemistry</i> , 2017 , 53, 69-79 | 4.8 | 11 |
| 67 | Both a PKS and a PPTase are involved in melanin biosynthesis and regulation of <i>Aureobasidium melanogenum</i> XJ5-1 isolated from the Taklimakan desert. <i>Gene</i> , 2017 , 602, 8-15 | 3.8 | 23 |
| 66 | CreA is directly involved in pullulan biosynthesis and regulation of <i>Aureobasidium melanogenum</i> P16. <i>Current Genetics</i> , 2017 , 63, 471-485 | 2.9 | 30 |
| 65 | Cloning and Characterization of a Pyruvate Carboxylase Gene from <i>Penicillium rubens</i> and Overexpression of the Gene in the Yeast <i>Yarrowia lipolytica</i> for Enhanced Citric Acid Production. <i>Marine Biotechnology</i> , 2016 , 18, 1-14 | 3.4 | 44 |
| 64 | Molecular cloning and sequence analysis of a PVGOX gene encoding glucose oxidase in <i>Penicillium viticola</i> F1 strain and its expression quantitation. <i>Gene</i> , 2016 , 592, 291-302 | 3.8 | 4 |
| 63 | DNA Methyltransferase Inhibitor Induced Fungal Biosynthetic Products: Diethylene Glycol Phthalate Ester Oligomers from the Marine-Derived Fungus <i>Cochliobolus lunatus</i> . <i>Marine Biotechnology</i> , 2016 , 18, 409-17 | 3.4 | 19 |
| 62 | Melanin production by a yeast strain XJ5-1 of <i>Aureobasidium melanogenum</i> isolated from the Taklimakan desert and its role in the yeast survival in stress environments. <i>Extremophiles</i> , 2016 , 20, 567-77 | 3.7 | 27 |
| 61 | Microbial biosynthesis and secretion of l-malic acid and its applications. <i>Critical Reviews in Biotechnology</i> , 2016 , 36, 99-107 | 9.4 | 89 |
| 60 | Poly(L-malic acid) (PMLA) from <i>Aureobasidium</i> spp. and its current proceedings. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 3841-51 | 5.7 | 41 |
| 59 | Bio-products produced by marine yeasts and their potential applications. <i>Bioresource Technology</i> , 2016 , 202, 244-52 | 11 | 24 |
| 58 | Production, Purification, and Gene Cloning of a α -Fructofuranosidase with a High Inulin-hydrolyzing Activity Produced by a Novel Yeast <i>Aureobasidium</i> sp. P6 Isolated from a Mangrove Ecosystem. <i>Marine Biotechnology</i> , 2016 , 18, 500-10 | 3.4 | 18 |
| 57 | Synergistic effect between the recombinant exo-inulinase and endo-inulinase on inulin hydrolysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 128, 27-38 | | 13 |
| 56 | Enhanced exo-inulinase activity and stability by fusion of an inulin-binding module. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 8063-74 | 5.7 | 13 |
| 55 | Enhanced citric acid production by a yeast <i>Yarrowia lipolytica</i> over-expressing a pyruvate carboxylase gene. <i>Bioprocess and Biosystems Engineering</i> , 2016 , 39, 1289-96 | 3.7 | 29 |
| 54 | Cloning and characterization of an inulinase gene from the marine yeast <i>Candida membranifaciens</i> subsp. <i>flavinogenie</i> W14-3 and its expression in <i>Saccharomyces</i> sp. W0 for ethanol production. <i>Molecular Biotechnology</i> , 2015 , 57, 337-47 | 3 | 12 |
| 53 | Hydrocarbons, the advanced biofuels produced by different organisms, the evidence that alkanes in petroleum can be renewable. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 7481-94 | 5.7 | 27 |
| 52 | Taxonomy of <i>Aureobasidium</i> spp. and biosynthesis and regulation of their extracellular polymers. <i>Critical Reviews in Microbiology</i> , 2015 , 41, 228-37 | 7.8 | 52 |
| 51 | Enhanced production of Ca ²⁺ -polymalate (PMA) with high molecular mass by <i>Aureobasidium pullulans</i> var. <i>pullulans</i> MCW. <i>Microbial Cell Factories</i> , 2015 , 14, 115 | 6.4 | 22 |

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| 50 | Genetic Modification of the Marine-Isolated Yeast <i>Aureobasidium melanogenum</i> P16 for Efficient Pullulan Production from Inulin. <i>Marine Biotechnology</i> , 2015 , 17, 511-22 | 3-4 | 36 |
| 49 | Role of pyruvate carboxylase in accumulation of intracellular lipid of the oleaginous yeast <i>Yarrowia lipolytica</i> ACA-DC 50109. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 1637-45 | 5-7 | 24 |
| 48 | Role of SUC2 gene and invertase of <i>Saccharomyces</i> sp. W0 in inulin hydrolysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015 , 111, 71-78 | | 5 |
| 47 | High-level pullulan production by <i>Aureobasidium pullulans</i> var. <i>melanogenum</i> P16 isolated from mangrove system. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 4865-73 | 5-7 | 58 |
| 46 | Inulinase production by the yeast <i>Kluyveromyces marxianus</i> with the disrupted MIG1 gene and the over-expressed inulinase gene. <i>Process Biochemistry</i> , 2014 , 49, 1867-1874 | 4-8 | 22 |
| 45 | Heavy oils, principally long-chain n-alkanes secreted by <i>Aureobasidium pullulans</i> var. <i>melanogenum</i> strain P5 isolated from mangrove system. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014 , 41, 1329-37 | 4-2 | 23 |
| 44 | Calcium malate overproduction by <i>Penicillium viticola</i> 152 using the medium containing corn steep liquor. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 1539-46 | 5-7 | 36 |
| 43 | Direct conversion of cassava starch into single cell oil by co-cultures of the oleaginous yeast <i>Rhodospiridium toruloides</i> and immobilized amylases-producing yeast <i>Saccharomycopsis fibuligera</i> . <i>Renewable Energy</i> , 2014 , 62, 522-526 | 8-1 | 36 |
| 42 | Evaluation of single cell oil from <i>Aureobasidium pullulans</i> var. <i>melanogenum</i> P10 isolated from mangrove ecosystems for biodiesel production. <i>Process Biochemistry</i> , 2014 , 49, 725-731 | 4-8 | 35 |
| 41 | Enhanced expression of the codon-optimized exo-inulinase gene from the yeast <i>Meyerozyma guilliermondii</i> in <i>Saccharomyces</i> sp. W0 and bioethanol production from inulin. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 9129-38 | 5-7 | 35 |
| 40 | Direct conversion of inulin into cell lipid by an inulinase-producing yeast <i>Rhodospiridium toruloides</i> 2F5. <i>Bioresource Technology</i> , 2014 , 161, 131-6 | 11 | 25 |
| 39 | Citric acid production from extract of Jerusalem artichoke tubers by the genetically engineered yeast <i>Yarrowia lipolytica</i> strain 30 and purification of citric acid. <i>Bioprocess and Biosystems Engineering</i> , 2013 , 36, 1759-66 | 3-7 | 24 |
| 38 | The changes in Tps1 activity, trehalose content and expression of TPS1 gene in the psychrotolerant yeast <i>Guehomyces pullulans</i> 17-1 grown at different temperatures. <i>Extremophiles</i> , 2013 , 17, 241-9 | 3 | 21 |
| 37 | Role of a GATA-type transcriptional repressor Sre1 in regulation of siderophore biosynthesis in the marine-derived <i>Aureobasidium pullulans</i> HN6.2. <i>BioMetals</i> , 2013 , 26, 955-67 | 3-4 | 16 |
| 36 | Disruption of the MIG1 gene enhances lipid biosynthesis in the oleaginous yeast <i>Yarrowia lipolytica</i> ACA-DC 50109. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 675-82 | 5 | 56 |
| 35 | Ethanol production from inulin and unsterilized meal of Jerusalem artichoke tubers by <i>Saccharomyces</i> sp. W0 expressing the endo-inulinase gene from <i>Arthrobacter</i> sp. <i>Bioresource Technology</i> , 2013 , 147, 254-259 | 11 | 24 |
| 34 | The simultaneous production of single-cell protein and a recombinant antibacterial peptide by expression of an antibacterial peptide gene in <i>Yarrowia lipolytica</i> . <i>Process Biochemistry</i> , 2013 , 48, 212-217 ⁸ | | 10 |
| 33 | High-level production of calcium malate from glucose by <i>Penicillium sclerotiorum</i> K302. <i>Bioresource Technology</i> , 2013 , 143, 674-7 | 11 | 22 |

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|----|--|-----|-----|
| 32 | Cloning, characterization and heterologous expression of the INU1 gene from <i>Cryptococcus aureus</i> HYA. <i>Gene</i> , 2013 , 516, 255-62 | 3.8 | 17 |
| 31 | Both decrease in ACL1 gene expression and increase in ICL1 gene expression in marine-derived yeast <i>Yarrowia lipolytica</i> expressing INU1 gene enhance citric acid production from inulin. <i>Marine Biotechnology</i> , 2013 , 15, 26-36 | 3.4 | 54 |
| 30 | Molecular characterization and expression of microbial inulinase genes. <i>Critical Reviews in Microbiology</i> , 2013 , 39, 152-65 | 7.8 | 42 |
| 29 | Overproduction of poly(L-malic acid) (PMA) from glucose by a novel <i>Aureobasidium</i> sp. P6 strain isolated from mangrove system. <i>Applied Microbiology and Biotechnology</i> , 2013 , 97, 8931-9 | 5.7 | 29 |
| 28 | Lipid production from hydrolysate of cassava starch by <i>Rhodospiridium toruloides</i> 21167 for biodiesel making. <i>Renewable Energy</i> , 2012 , 46, 164-168 | 8.1 | 67 |
| 27 | Overexpression of the endo-inulinase gene from <i>Arthrobacter</i> sp. S37 in <i>Yarrowia lipolytica</i> and characterization of the recombinant endo-inulinase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 , 74, 109-115 | | 28 |
| 26 | Simultaneous production of single cell protein and killer toxin by <i>Wickerhamomyces anomalus</i> HN1-2 isolated from mangrove ecosystem. <i>Process Biochemistry</i> , 2012 , 47, 251-256 | 4.8 | 13 |
| 25 | Purification and characterization of the cold-active killer toxin from the psychrotolerant yeast <i>Mrakia frigida</i> isolated from sea sediments in Antarctica. <i>Process Biochemistry</i> , 2012 , 47, 822-827 | 4.8 | 15 |
| 24 | The unique role of siderophore in marine-derived <i>Aureobasidium pullulans</i> HN6.2. <i>BioMetals</i> , 2012 , 25, 219-30 | 3.4 | 65 |
| 23 | High level lipid production by a novel inulinase-producing yeast <i>Pichia guilliermondii</i> Pcl22. <i>Bioresource Technology</i> , 2012 , 124, 77-82 | 11 | 46 |
| 22 | Disruption of the pullulan synthetase gene in siderophore-producing <i>Aureobasidium pullulans</i> enhances siderophore production and simplifies siderophore extraction. <i>Process Biochemistry</i> , 2012 , 47, 1807-1812 | 4.8 | 23 |
| 21 | Occurrence and diversity of yeasts in the mangrove ecosystems in Fujian, Guangdong and Hainan provinces of China. <i>Indian Journal of Microbiology</i> , 2012 , 52, 346-53 | 3.7 | 17 |
| 20 | Purification, characterization and gene cloning of the killer toxin produced by the marine-derived yeast <i>Williopsis saturnus</i> WC91-2. <i>Microbiological Research</i> , 2012 , 167, 558-63 | 5.3 | 20 |
| 19 | Disruption of the gene encoding β -1, 3-glucanase in marine-derived <i>Williopsis saturnus</i> WC91-2 enhances its killer toxin activity. <i>Marine Biotechnology</i> , 2012 , 14, 261-9 | 3.4 | 3 |
| 18 | Mig1 is involved in mycelial formation and expression of the genes encoding extracellular enzymes in <i>Saccharomycopsis fibuligera</i> A11. <i>Fungal Genetics and Biology</i> , 2011 , 48, 904-13 | 3.9 | 56 |
| 17 | Cloning of exo- β -1,3-glucanase gene from a marine yeast <i>Williopsis saturnus</i> and its overexpression in <i>Yarrowia lipolytica</i> . <i>Marine Biotechnology</i> , 2011 , 13, 193-204 | 3.4 | 13 |
| 16 | Production, purification, and characterization of a novel killer toxin from <i>Kluyveromyces siamensis</i> against a pathogenic yeast in crab. <i>Applied Microbiology and Biotechnology</i> , 2011 , 91, 1571-9 | 5.7 | 26 |
| 15 | Biotechnological potential of inulin for bioprocesses. <i>Bioresource Technology</i> , 2011 , 102, 4295-303 | 11 | 202 |

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| 14 | Direct conversion of inulin and extract of tubers of Jerusalem artichoke into single cell oil by co-cultures of <i>Rhodotorula mucilaginosa</i> TJY15a and immobilized inulinase-producing yeast cells. <i>Bioresource Technology</i> , 2011 , 102, 6128-33 | 11 | 39 |
| 13 | 18S rDNA integration of the exo-inulinase gene into chromosomes of the high ethanol producing yeast <i>Saccharomyces</i> sp. W0 for direct conversion of inulin to bioethanol. <i>Biomass and Bioenergy</i> , 2011 , 35, 3032-3039 | 5.3 | 18 |
| 12 | Direct conversion of inulin into single cell protein by the engineered <i>Yarrowia lipolytica</i> carrying inulinase gene. <i>Process Biochemistry</i> , 2011 , 46, 1442-1448 | 4.8 | 47 |
| 11 | Marine yeasts as biocontrol agents and producers of bio-products. <i>Applied Microbiology and Biotechnology</i> , 2010 , 86, 1227-41 | 5.7 | 44 |
| 10 | Purification and characterization of extracellular β -galactosidase from the psychrotolerant yeast <i>Guehomyces pullulans</i> 17-1 isolated from sea sediment in Antarctica. <i>Process Biochemistry</i> , 2010 , 45, 954-960 | 4.8 | 28 |
| 9 | Single cell protein production from yacon extract using a highly thermosensitive and permeable mutant of the marine yeast <i>Cryptococcus aureus</i> G7a and its nutritive analysis. <i>Bioprocess and Biosystems Engineering</i> , 2010 , 33, 549-56 | 3.7 | 9 |
| 8 | Overexpression of acid protease of <i>Saccharomycopsis fibuligera</i> in <i>Yarrowia lipolytica</i> and characterization of the recombinant acid protease for skimmed milk clotting. <i>Biotechnology and Bioprocess Engineering</i> , 2010 , 15, 467-475 | 3.1 | 12 |
| 7 | Amylase production by <i>Saccharomycopsis fibuligera</i> A11 in solid-state fermentation for hydrolysis of Cassava starch. <i>Applied Biochemistry and Biotechnology</i> , 2010 , 162, 252-63 | 3.2 | 23 |
| 6 | Single cell oil production from hydrolysates of inulin and extract of tubers of Jerusalem artichoke by <i>Rhodotorula mucilaginosa</i> TJY15a. <i>Process Biochemistry</i> , 2010 , 45, 1121-1126 | 4.8 | 79 |
| 5 | Inulin hydrolysis and citric acid production from inulin using the surface-engineered <i>Yarrowia lipolytica</i> displaying inulinase. <i>Metabolic Engineering</i> , 2010 , 12, 469-76 | 9.7 | 98 |
| 4 | Expression of inulinase gene in the oleaginous yeast <i>Yarrowia lipolytica</i> and single cell oil production from inulin-containing materials. <i>Metabolic Engineering</i> , 2010 , 12, 510-7 | 9.7 | 79 |
| 3 | Single cell oil production from hydrolysate of cassava starch by marine-derived yeast <i>Rhodotorula mucilaginosa</i> TJY15a. <i>Biomass and Bioenergy</i> , 2010 , 34, 101-107 | 5.3 | 122 |
| 2 | Conversion of cassava starch to trehalose by <i>Saccharomycopsis fibuligera</i> A11 and purification of trehalose. <i>Carbohydrate Polymers</i> , 2010 , 80, 13-18 | 10.3 | 13 |
| 1 | Inositol and phosphatidylinositol mediated mediated glucose derepression, gene expression and invertase secretion in yeasts. <i>Acta Biochimica Et Biophysica Sinica</i> , 2004 , 36, 443-9 | 2.8 | 11 |