

George Szakacs

List of Publications by Year in descending order

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38
papers

4,002
citations

147786

31
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315719

38
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38
docs citations

38
times ranked

4028
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Customized yeast cell factories for biopharmaceuticals: from cell engineering to process scale up. <i>Microbial Cell Factories</i> , 2021, 20, 124. | 4.0 | 51 |
| 2 | Global Sexual Fertility in the Opportunistic Pathogen <i>Aspergillus fumigatus</i> and Identification of New Supermater Strains. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 258. | 3.5 | 6 |
| 3 | Solid-state fermentation for the production of biomass valorizing feruloyl esterase. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 7, 7-13. | 3.1 | 7 |
| 4 | Ultrasound-assisted extraction and characterization of hydrolytic and oxidative enzymes produced by solid state fermentation. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 249-256. | 8.2 | 22 |
| 5 | Diversity in Production of Xylan-Degrading Enzymes Among Species Belonging to the <i>Trichoderma</i> Section <i>Longibrachiatum</i> . <i>Bioenergy Research</i> , 2013, 6, 631-643. | 3.9 | 6 |
| 6 | The <i>Longibrachiatum</i> Clade of <i>Trichoderma</i> : a revision with new species. <i>Fungal Diversity</i> , 2012, 55, 77-108. | 12.3 | 100 |
| 7 | Enzymatic hydrolysis of steam-pretreated lignocellulosic materials with <i>Trichoderma atroviride</i> enzymes produced in-house. <i>Biotechnology for Biofuels</i> , 2009, 2, 14. | 6.2 | 94 |
| 8 | Biosynthesis of silver nanoparticles using aqueous extract from the compactin producing fungal strain. <i>Process Biochemistry</i> , 2009, 44, 939-943. | 3.7 | 314 |
| 9 | Enzymatic hydrolysis and simultaneous saccharification and fermentation of steam-pretreated spruce using crude <i>Trichoderma reesei</i> and <i>Trichoderma atroviride</i> enzymes. <i>Process Biochemistry</i> , 2009, 44, 1323-1329. | 3.7 | 33 |
| 10 | Comparative enzymatic hydrolysis of pretreated spruce by supernatants, whole fermentation broths and washed mycelia of <i>Trichoderma reesei</i> and <i>Trichoderma atroviride</i> . <i>Bioresource Technology</i> , 2009, 100, 1350-1357. | 9.6 | 115 |
| 11 | Compactin production in solid-state fermentation using orthogonal array method by <i>P. brevicompactum</i> . <i>Biochemical Engineering Journal</i> , 2008, 41, 295-300. | 3.6 | 24 |
| 12 | <i>Trichoderma atroviride</i> mutants with enhanced production of cellulase and β -glucosidase on pretreated willow. <i>Enzyme and Microbial Technology</i> , 2008, 43, 48-55. | 3.2 | 78 |
| 13 | Application of DNA Bar Codes for Screening of Industrially Important Fungi: the Haplotype of <i>Trichoderma harzianum</i> Ssensu Stricto Indicates Superior Chitinase Formation. <i>Applied and Environmental Microbiology</i> , 2007, 73, 7048-7058. | 3.1 | 45 |
| 14 | Fungal biosynthesis of endochitinase and chitobiase in solid state fermentation and their application for the production of N-acetyl-d-glucosamine from colloidal chitin. <i>Bioresource Technology</i> , 2007, 98, 2742-2748. | 9.6 | 54 |
| 15 | Rice bran as a substrate for proteolytic enzyme production. <i>Brazilian Archives of Biology and Technology</i> , 2006, 49, 843-851. | 0.5 | 34 |
| 16 | Comparison of phytase production on wheat bran and oilcakes in solid-state fermentation by <i>Mucor racemosus</i> . <i>Bioresource Technology</i> , 2006, 97, 506-511. | 9.6 | 106 |
| 17 | Low Genetic Variation and No Detectable Population Structure in <i>Aspergillus fumigatus</i> Compared to Closely Related <i>Neosartorya</i> Species. <i>Eukaryotic Cell</i> , 2006, 5, 650-657. | 3.4 | 93 |
| 18 | Mixed substrate fermentation for the production of phytase by <i>Rhizopus</i> spp. using oilcakes as substrates. <i>Process Biochemistry</i> , 2005, 40, 1749-1754. | 3.7 | 93 |

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|----|---|-----|-----------|
| 19 | Comparative evaluation of neutral protease production by <i>Aspergillus oryzae</i> in submerged and solid-state fermentation. <i>Process Biochemistry</i> , 2005, 40, 2689-2694. | 3.7 | 278 |
| 20 | Production and purification of extracellular chitinases from <i>Penicillium aculeatum</i> NRRL 2129 under solid-state fermentation. <i>Enzyme and Microbial Technology</i> , 2005, 36, 880-887. | 3.2 | 47 |
| 21 | Microbial Synthesis of Chitinase in Solid Cultures and Its Potential as a Biocontrol Agent Against Phytopathogenic Fungus <i>Colletotrichum gloeosporioides</i> . <i>Applied Biochemistry and Biotechnology</i> , 2005, 127, 001-016. | 2.9 | 18 |
| 22 | Evidence for Sexuality in the Opportunistic Fungal Pathogen <i>Aspergillus fumigatus</i> . <i>Current Biology</i> , 2005, 15, 1242-1248. | 3.9 | 283 |
| 23 | An oligonucleotide barcode for species identification in <i>Trichoderma</i> and <i>Hypocrea</i> . <i>Fungal Genetics and Biology</i> , 2005, 42, 813-828. | 2.1 | 366 |
| 24 | Alpha amylase from a fungal culture grown on oil cakes and its properties. <i>Brazilian Archives of Biology and Technology</i> , 2004, 47, 309-317. | 0.5 | 74 |
| 25 | Thermostable Phytase Production by <i>Thermoascus aurantiacus</i> in Submerged Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2004, 118, 205-214. | 2.9 | 71 |
| 26 | Process optimization for antifungal chitinase production by <i>Trichoderma harzianum</i> . <i>Process Biochemistry</i> , 2004, 39, 1583-1590. | 3.7 | 116 |
| 27 | Extracellular chitinase production by <i>Trichoderma harzianum</i> in submerged fermentation. <i>Journal of Basic Microbiology</i> , 2004, 44, 49-58. | 3.3 | 81 |
| 28 | <i>Trichoderma brevicompactum</i> sp. nov.. <i>Mycologia</i> , 2004, 96, 1059. | 1.9 | 20 |
| 29 | <i>Trichoderma brevicompactum</i> sp. nov.. <i>Mycologia</i> , 2004, 96, 1059-1073. | 1.9 | 36 |
| 30 | Use of response surface methodology for optimizing process parameters for the production of α -amylase by <i>Aspergillus oryzae</i> . <i>Biochemical Engineering Journal</i> , 2003, 15, 107-115. | 3.6 | 307 |
| 31 | Production of Phytase by <i>Mucor racemosus</i> in Solid-State Fermentation. <i>Biotechnology Progress</i> , 2003, 19, 312-319. | 2.6 | 79 |
| 32 | Genetic and metabolic diversity of <i>Trichoderma</i> : a case study on South-East Asian isolates. <i>Fungal Genetics and Biology</i> , 2003, 38, 310-319. | 2.1 | 180 |
| 33 | New species of <i>Trichoderma</i> from Asia. <i>Canadian Journal of Botany</i> , 2003, 81, 570-586. | 1.1 | 70 |
| 34 | Phylogeny and evolution of the genus <i>Trichoderma</i> : a multigene approach. <i>Mycological Research</i> , 2002, 106, 757-767. | 2.5 | 217 |
| 35 | Microbial production of extra-cellular phytase using polystyrene as inert solid support. <i>Bioresource Technology</i> , 2002, 83, 229-233. | 9.6 | 74 |
| 36 | Solid-State Fermentation for Production of Phytase by <i>Rhizopus oligosporus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2002, 102-103, 251-260. | 2.9 | 75 |

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|----|--|-----|-----------|
| 37 | Production, purification and properties of microbial phytases. Bioresource Technology, 2001, 77, 203-214. | 9.6 | 256 |
| 38 | Molecular identification of Trichoderma species from Russia, Siberia and the Himalaya. Mycological Research, 2000, 104, 1117-1125. | 2.5 | 79 |