

George Szakacs

List of Publications by Year in descending order

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38
papers

4,002
citations

168829

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355658

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docs citations

38
times ranked

4451
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.	1.9	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.	1.5	6
3	Solid-state fermentation for the production of biomass valorizing feruloyl esterase. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 7, 7-13.	1.5	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.	3.8	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.	2.2	6
6	The <i>Longibrachiatum</i> Clade of <i>Trichoderma</i> : a revision with new species. <i>Fungal Diversity</i> , 2012, 55, 77-108.	4.7	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.	1.8	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.	1.8	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.	4.8	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.	1.8	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.	1.6	78
13	Application of DNA Bar Codes for Screening of Industrially Important Fungi: the Haplotype of <i>Trichoderma harzianum</i> Sensu Stricto Indicates Superior Chitinase Formation. <i>Applied and Environmental Microbiology</i> , 2007, 73, 7048-7058.	1.4	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.	4.8	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.	4.8	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.	1.8	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.	1.8	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.	1.6	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.	1.4	18
22	Evidence for Sexuality in the Opportunistic Fungal Pathogen <i>Aspergillus fumigatus</i> . <i>Current Biology</i> , 2005, 15, 1242-1248.	1.8	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.	0.9	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.	1.4	71
26	Process optimization for antifungal chitinase production by <i>Trichoderma harzianum</i> . <i>Process Biochemistry</i> , 2004, 39, 1583-1590.	1.8	116
27	Extracellular chitinase production by <i>Trichoderma harzianum</i> in submerged fermentation. <i>Journal of Basic Microbiology</i> , 2004, 44, 49-58.	1.8	81
28	<i>Trichoderma brevicompactum</i> sp. nov.. <i>Mycologia</i> , 2004, 96, 1059.	0.8	20
29	<i>Trichoderma brevicompactum</i> sp. nov.. <i>Mycologia</i> , 2004, 96, 1059-1073.	0.8	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.	1.8	307
31	Production of Phytase by <i>Mucor racemosus</i> in Solid-State Fermentation. <i>Biotechnology Progress</i> , 2003, 19, 312-319.	1.3	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.	0.9	180
33	New species of <i>Trichoderma</i> from Asia. <i>Canadian Journal of Botany</i> , 2003, 81, 570-586.	1.2	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.	4.8	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.	1.4	75

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37	Production, purification and properties of microbial phytases. <i>Bioresource Technology</i> , 2001, 77, 203-214.	4.8	256
38	Molecular identification of <i>Trichoderma</i> species from Russia, Siberia and the Himalaya. <i>Mycological Research</i> , 2000, 104, 1117-1125.	2.5	79