Daniel J Royse

List of Publications by Year
in descending order

53	1,966	201674	254184
papers	citations	27 h-index	43 g-index

54	54	54	1361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of fragmentation, supplementation and the addition of phase II compost to 2nd break compost on mushroom (Agaricus bisporus) yield. Bioresource Technology, 2010, 101, 188-192.	9.6	21
2	Pleurotus eryngii species complex: Sequence analysis and phylogeny based on partial EF1Î± and RPB2 genes. Fungal Biology, 2010, 114, 421-428.	2.5	37
3	Enhancement of the antioxidants ergothioneine and selenium in Pleurotus eryngii var. eryngii basidiomata through cultural practices. World Journal of Microbiology and Biotechnology, 2009, 25, 1597-1607.	3.6	37
4	Improvement of yield of Pleurotus eryngii var. eryngii by substrate supplementation and use of a casing overlay. Bioresource Technology, 2009, 100, 5270-5276.	9.6	50
5	Effects of spawn, supplement and phase II compost additions and time of re-casing second break compost on mushroom (Agaricus bisporus) yield and biological efficiency. Bioresource Technology, 2009, 100, 5277-5282.	9.6	21
6	Re-supplementing and re-casing mushroom (Agaricus bisporus) compost for a second crop. World Journal of Microbiology and Biotechnology, 2008, 24, 319-325.	3.6	22
7	Ground wheat straw as a substitute for portions of oak wood chips used in shiitake (Lentinula) Tj ETQq1 1 0.784314 rgBT /Overlock 1	9.6	48
8	Yield, size, and mushroom solids content of Agaricus bisporus produced on non-composted substrate and spent mushroom compost. World Journal of Microbiology and Biotechnology, 2007, 23, 1289-1296.	3.6	12
9	Influence of Selected Cultural Factors and Postharvest Storage on Ergothioneine Content of Common Button Mushroom Agaricus bisporus (J. Lge) Imbach (Agaricomycetideae). International Journal of Medicinal Mushrooms, 2007, 9, 163-176.	1.5	29
10	Selenium Enrichment of Pleurotus cornucopiae (Paulet) Rolland and Grifola frondosa (Dicks.:Fr.) S.F. Gray Mushrooms. International Journal of Medicinal Mushrooms, 2006, 8, 77-84.	1.5	16
11	Identification and Quantification of Ergothioneine in Cultivated Mushrooms by Liquid Chromatography-Mass Spectroscopy. International Journal of Medicinal Mushrooms, 2006, 8, 215-222.	1.5	121
12	Molecular evolution of Agaricus species based on ITS and LSU rDNA sequences. Mycological Progress, 2004, 3, 157-176.	1.4	59
13	Characterization of Phytase Activity from Cultivated Edible Mushrooms and Their Production Substrates. Journal of Agricultural and Food Chemistry, 2004, 52, 7518-7524.	5.2	20
14	Influence of precipitated calcium carbonate (CaCO3) on shiitake (Lentinula edodes) yield and mushroom size. Bioresource Technology, 2003, 90, 225-228.	9.6	42
15	Bioactive Components in Button Mushroom Agaricus bisporus (J. Lge) Imbach (Agaricomycetideae) of Nutritional, Medicinal, and Biological Importance (Review). International Journal of Medicinal Mushrooms, 2003, 5, 18.	1.5	67
16	Molecular phylogenetic analysis ofGrifola frondosa(maitake) reveals a species partition separating eastern North American and Asian isolates. Mycologia, 2002, 94, 472-482.	1.9	30
17	Influence of substrate wood-chip particle size on shiitake (Lentinula edodes) yield. Bioresource Technology, 2001, 76, 229-233.	9.6	35
18	Adapting substrate formulas used for shiitake for production of brown Agaricus bisporus. Bioresource Technology, 2001, 77, 65-69.	9.6	17

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19	Transcriptional regulation of laccase and cellulase genes during growth and fruiting ofLentinula edodeson supplemented sawdust. FEMS Microbiology Letters, 2001, 201, 111-115.	1.8	75
20	Transcriptional regulation of laccase and cellulase genes during growth and fruiting of Lentinula edodes on supplemented sawdust. FEMS Microbiology Letters, 2001, 201, 111-115.	1.8	4
21	Partial Î²-tubulin gene sequences for evolutionary studies in the Basidiomycotina. Mycologia, 1999, 91, 468-474.	1.9	63
22	Partial beta-Tubulin Gene Sequences for Evolutionary Studies in the Basidiomycotina. Mycologia, 1999, 91, 468.	1.9	49
23	Evidence for Two Independent Lineages of Shiitake of the Americas (Lentinula boryana) Based on rDNA and Î²-Tubulin Gene Sequences. Molecular Phylogenetics and Evolution, 1999, 13, 520-524.	2.7	15
24	Phylogeny of the Genus Lentinula Based on Ribosomal DNA Restriction Fragment Length Polymorphism Analysis. Mycologia, 1997, 89, 400.	1.9	6
25	Phylogeny of the genusLentinulabased on ribosomal DNA restriction fragment length polymorphism analysis. Mycologia, 1997, 89, 400-407.	1.9	19
26	Phylogeny of the GenusAgaricusInferred from Restriction Analysis of Enzymatically Amplified Ribosomal DNA. Fungal Genetics and Biology, 1996, 20, 243-253.	2.1	28
27	Ribosomal DNA analysis for resolution of genotypic classes of Pleurotus. Mycological Research, 1996, 100, 143-150.	2.5	23
28	Biodegradability of Free Monomeric and Cell-Wall-Bound Phenolic Acids in Maize Stover by Two Strains of White-Rot Fungi. Journal of the Science of Food and Agriculture, 1996, 71, 145-150.	3.5	13
29	Biodegradation of cell wall components of maize stover colonized by white-rot fungi and resulting impact on in-vitro digestibility. Journal of the Science of Food and Agriculture, 1995, 68, 91-98.	3.5	52
30	Phylogenetic Resolution of Morchella, Verpa, and Disciotis [Pezizales: Morchellaceae] Based on Restriction Enzyme Analysis of the 28S Ribosomal RNA Gene. Experimental Mycology, 1995, 19, 223-233.	1.6	22
31	A systematic assessment ofMorchellausing RFLP analysis of the 28S ribosomal RNA gene. Mycologia, 1994, 86, 762-772.	1.9	134
32	A Systematic Assessment of Morchella Using RFLP Analysis of the 28S ribosomal RNA gene. Mycologia, 1994, 86, 762.	1.9	79
33	Chemical composition and biodegradability of crop residues colonized by white-rot fungi. Journal of the Science of Food and Agriculture, 1992, 60, 105-112.	3.5	48
34	Effect of Nutrient Supplementation on Flavor, Quality, and Shelf Life of the Cultivated Mushroom,Agaricus Bisporus. Mycologia, 1991, 83, 142-149.	1.9	17
35	Interspecific allozyme variation among Morchella spp. and its inferences for systematics within the genus. Biochemical Systematics and Ecology, 1990, 18, 475-479.	1.3	20
36	Interspecific allozyme variation within the fungal genus Pleurotus. Transactions of the British Mycological Society, 1988, 90, 29-36.	0.6	19

#	Article	IF	Citations
37	Linkage relationships of 19 allozyme encoding loci within the commercial mushroom genus Pleurotus. Genome, 1988, 30, 888-895.	2.0	5
38	Identification of shiitake genotypes by multilocus enzyme electrophoresis: Catalog of lines. Biochemical Genetics, 1987, 25, 705-716.	1.7	19
39	Yield and size of Pleurotus ostreatus and Pleurotus sajor-caju as effected by delayed-release nutrient. Applied Microbiology and Biotechnology, 1987, 26, 191-194.	3.6	18
40	Shiitake Cultivation on Sawdust: Evaluation of Selected Genotypes for Biological Efficiency and Mushroom Size. Mycologia, 1986, 78, 929-933.	1.9	30
41	Shiitake Cultivation on Sawdust: Evaluation of Selected Genotypes for Biological Efficiency and Mushroom Size. Mycologia, 1986, 78, 929.	1.9	14
42	Shiitake Mushrooms Consumption, Production and Cultivation. Interdisciplinary Science Reviews, 1985, 10, 329-335.	1.4	34
43	Effect of Spawn Run Time and Substrate Nutrition on Yield and Size of the Shiitake Mushroom. Mycologia, 1985, 77, 756-762.	1.9	65
44	Effect of Spawn Run Time and Substrate Nutrition on Yield and Size of the Shiitake Mushroom. Mycologia, 1985, 77, 756.	1.9	33
45	Cell line authentication and genetic relatedness of lines of the shiitake mushroom, Lentinus edodes.. Journal of General and Applied Microbiology, 1983, 29, 205-216.	0.7	25
46	Single and joint segregation of marker loci in the shiitake mushroom, Lentinus edodes.. Journal of General and Applied Microbiology, 1983, 29, 217-222.	0.7	21
47	Use of Isozyme Variation to Identify Genotypic Classes of Agaricus brunnescens. Mycologia, 1982, 74, 93.	1.9	55
48	Genetic Relatedness and Its Application in Selective Breeding of Agaricus brunnescens. Mycologia, 1982, 74, 569.	1.9	23
49	Confirmation of crosses between lines of Agaricus brunnescens by isozyme analysis. Experimental Mycology, 1982, 6, 283-292.	1.6	44
50	Use of Isozyme Variation to Identify Genotypic Classes ofAgaricus Brunnescens. Mycologia, 1982, 74, 93-102.	1.9	101
51	Genetic RelatÃ¨dness and its Application in Selective Breeding ofAgaricus Brunnescens. Mycologia, 1982, 74, 569-575.	1.9	40
52	Genetic variation and joint segregation of biochemical loci in the common meadow mushroom, Agaricus campestris. Biochemical Genetics, 1982, 20, 1165-1173.	1.7	38
53	Mushrooms Their Consumption, Production and Culture Development. Interdisciplinary Science Reviews, 1980, 5, 324-332.	1.4	24