

Robert A Samson

List of Publications by Citations

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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.

97 papers	6,598 citations	44 h-index	80 g-index
98 ext. papers	7,441 ext. citations	4.5 avg, IF	5.58 L-index

#	Paper	IF	Citations
97	Emergence of azole resistance in <i>Aspergillus fumigatus</i> and spread of a single resistance mechanism. <i>PLoS Medicine</i> , 2008 , 5, e219	11.6	536
96	Prospects for fungus identification using CO1 DNA barcodes, with <i>Penicillium</i> as a test case. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3901-6	11.5	294
95	Fumonisin B2 production by <i>Aspergillus niger</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 9727-32	11.5	283
94	Indoor fungal composition is geographically patterned and more diverse in temperate zones than in the tropics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 13748-53	11.5	282
93	The amsterdam declaration on fungal nomenclature. <i>IMA Fungus</i> , 2011 , 2, 105-12	6.8	260
92	Polyphasic taxonomy of <i>Aspergillus fumigatus</i> and related species. <i>Mycologia</i> , 2005 , 97, 1316-29	2.4	248
91	Two novel aflatoxin-producing <i>Aspergillus</i> species from Argentinean peanuts. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 725-35	2.2	191
90	Purpureocillium, a new genus for the medically important <i>Paecilomyces lilacinus</i> . <i>FEMS Microbiology Letters</i> , 2011 , 321, 141-9	2.9	182
89	Novel <i>Neosartorya</i> species isolated from soil in Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 477-486	2.2	170
88	Current state of the science: health effects and indoor environmental quality. <i>Environmental Health Perspectives</i> , 2007 , 115, 958-64	8.4	160
87	Complex microbiota of a Chinese "Fen" liquor fermentation starter (Fen-Daqu), revealed by culture-dependent and culture-independent methods. <i>Food Microbiology</i> , 2012 , 31, 293-300	6	153
86	On the relationships of <i>Paecilomyces</i> sect. <i>Isarioidea</i> species. <i>Mycological Research</i> , 2005 , 109, 581-9		153
85	Fleming's penicillin producing strain is not <i>Penicillium chrysogenum</i> but <i>P. rubens</i> . <i>IMA Fungus</i> , 2011 , 2, 87-95	6.8	138
84	Taxonomic comparison of three different groups of aflatoxin producers and a new efficient producer of aflatoxin B1, sterigmatocystin and 3-O-methylsterigmatocystin, <i>Aspergillus rambellii</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2005 , 28, 442-53	4.2	137
83	Fumonisin and ochratoxin production in industrial <i>Aspergillus niger</i> strains. <i>PLoS ONE</i> , 2011 , 6, e23496	3.7	136
82	A new black <i>Aspergillus</i> species, <i>A. vadensis</i> , is a promising host for homologous and heterologous protein production. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 3954-9	4.8	127
81	<i>Aspergillus luchuensis</i> , an industrially important black <i>Aspergillus</i> in East Asia. <i>PLoS ONE</i> , 2013 , 8, e63769	3.7	127

80	Modern taxonomy of biotechnologically important <i>Aspergillus</i> and <i>Penicillium</i> species. <i>Advances in Applied Microbiology</i> , 2014 , 86, 199-249	4.9	125
79	<i>Aspergillus niger</i> contains the cryptic phylogenetic species <i>A. awamori</i> . <i>Fungal Biology</i> , 2011 , 115, 1138-508		121
78	Old and new concepts of species differentiation in <i>Aspergillus</i> . <i>Medical Mycology</i> , 2006 , 44, S133-S148	3.9	105
77	<i>Aspergillus calidoustus</i> sp. nov., causative agent of human infections previously assigned to <i>Aspergillus ustus</i> . <i>Eukaryotic Cell</i> , 2008 , 7, 630-8		103
76	<i>Aspergillus brasiliensis</i> sp. nov., a biserial black <i>Aspergillus</i> species with world-wide distribution. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1925-1932	2.2	97
75	<i>Talaromyces atrovirens</i> , a new species efficiently producing industrially relevant red pigments. <i>PLoS ONE</i> , 2013 , 8, e84102	3.7	92
74	<i>Aspergillus felis</i> sp. nov., an emerging agent of invasive aspergillosis in humans, cats, and dogs. <i>PLoS ONE</i> , 2013 , 8, e64871	3.7	84
73	Sexual reproduction as the cause of heat resistance in the food spoilage fungus <i>Byssoscleria spectabilis</i> (anamorph <i>Paecilomyces variotii</i>). <i>Applied and Environmental Microbiology</i> , 2008 , 74, 1613-9	4.8	81
72	Isolation, identification and toxigenic potential of ochratoxin A-producing <i>Aspergillus</i> species from coffee beans grown in two regions of Thailand. <i>International Journal of Food Microbiology</i> , 2008 , 128, 197-202	5.8	78
71	Identification of <i>Paecilomyces variotii</i> in clinical samples and settings. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 2754-61	9.7	76
70	Secondary metabolites from <i>Eurotium</i> species, <i>Aspergillus calidoustus</i> and <i>A. insuetus</i> common in Canadian homes with a review of their chemistry and biological activities. <i>Mycological Research</i> , 2009 , 113, 480-90		76
69	New taxa of <i>Neosartorya</i> and <i>Aspergillus</i> in <i>Aspergillus</i> section <i>Fumigati</i> . <i>Antonie Van Leeuwenhoek</i> , 2008 , 93, 87-98	2.1	75
68	The polyphyletic nature of <i>Paecilomyces</i> sensu lato based on 18S-generated rDNA phylogeny. <i>Mycologia</i> , 2004 , 96, 773-80	2.4	75
67	<i>Aspergillus uvarum</i> sp. nov., an uniseriate black <i>Aspergillus</i> species isolated from grapes in Europe. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1032-9	2.2	69
66	Secondary metabolite and mycotoxin production by the <i>Rhizopus microsporus</i> group. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 1833-40	5.7	62
65	Taxonomy of <i>Penicillium citrinum</i> and related species. <i>Fungal Diversity</i> , 2010 , 44, 117-133	17.6	61
64	Genetic relatedness versus biological compatibility between <i>Aspergillus fumigatus</i> and related species. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3707-21	9.7	60
63	<i>Aspergillus alabamensis</i> , a new clinically relevant species in the section <i>Terrei</i> . <i>Eukaryotic Cell</i> , 2009 , 8, 713-22		60

62	Effect of temperature and water activity on the production of fumonisins by <i>Aspergillus niger</i> and different <i>Fusarium</i> species. <i>BMC Microbiology</i> , 2009 , 9, 281	4.5	59
61	Name changes in medically important fungi and their implications for clinical practice. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 1056-62	9.7	54
60	Beach sand and the potential for infectious disease transmission: observations and recommendations. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016 , 96, 101-120	1.1	53
59	Impact of ionic liquids on extreme microbial biotypes from soil. <i>Green Chemistry</i> , 2011 , 13, 687	10	52
58	<i>Aspergillus vadensis</i> , a new species of the group of black <i>Aspergilli</i> . <i>Antonie Van Leeuwenhoek</i> , 2005 , 87, 195-203	2.1	52
57	<i>Emericella quadrilineata</i> as cause of invasive aspergillosis. <i>Emerging Infectious Diseases</i> , 2008 , 14, 566-72	10.2	48
56	<i>Emericella venezuelensis</i> , a new species with stellate ascospores producing sterigmatocystin and aflatoxin B1. <i>Systematic and Applied Microbiology</i> , 2004 , 27, 672-80	4.2	48
55	Microsatellite loci to recognize species for the cheese starter and contaminating strains associated with cheese manufacturing. <i>International Journal of Food Microbiology</i> , 2010 , 137, 204-13	5.8	47
54	Production of mycotoxins by <i>Aspergillus lentulus</i> and other medically important and closely related species in section <i>Fumigati</i> . <i>Medical Mycology</i> , 2007 , 45, 225-32	3.9	47
53	Phylogeny of the industrial relevant, thermophilic genera <i>Myceliophthora</i> and <i>Corynascus</i> . <i>Fungal Diversity</i> , 2012 , 52, 197-207	17.6	43
52	Four new species of <i>Emericella</i> from the Mediterranean region of Europe. <i>Mycologia</i> , 2008 , 100, 779-95	2.4	43
51	Two novel species of <i>Aspergillus</i> section <i>Nigri</i> from Thai coffee beans. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1727-34	2.2	42
50	<i>Penicillium araracuarensense</i> sp. nov., <i>Penicillium elleniae</i> sp. nov., <i>Penicillium penarojense</i> sp. nov., <i>Penicillium vanderhammenii</i> sp. nov. and <i>Penicillium wotroi</i> sp. nov., isolated from leaf litter. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1462-1475	2.2	40
49	Sex in <i>Penicillium</i> series <i>Roqueforti</i> . <i>IMA Fungus</i> , 2010 , 1, 171-80	6.8	40
48	<i>Penicillium salamii</i> , a new species occurring during seasoning of dry-cured meat. <i>International Journal of Food Microbiology</i> , 2015 , 193, 91-8	5.8	39
47	Two new <i>Penicillium</i> species <i>Penicillium buchwaldii</i> and <i>Penicillium spathulatum</i> , producing the anticancer compound asperphenamate. <i>FEMS Microbiology Letters</i> , 2013 , 339, 77-92	2.9	38
46	New <i>Penicillium</i> and <i>Talaromyces</i> species from honey, pollen and nests of stingless bees. <i>Antonie Van Leeuwenhoek</i> , 2018 , 111, 1883-1912	2.1	35
45	Mould spoilage of foods and beverages: Using the right methodology. <i>Food Microbiology</i> , 2019 , 81, 51-62	2	35

44	Morphological characteristics of sporangiospores of the tempe fungus <i>Rhizopus oligosporus</i> differentiate it from other taxa of the <i>R. microsporus</i> group. <i>Mycological Research</i> , 2008 , 112, 547-63		34
43	Taxonomic re-evaluation of black koji molds. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 555-61	5.7	33
42	Infectious keratitis caused by <i>Aspergillus tubingensis</i> . <i>Cornea</i> , 2009 , 28, 951-4	3.1	33
41	Case of keratitis caused by <i>Aspergillus tamarii</i> . <i>Journal of Clinical Microbiology</i> , 2007 , 45, 3464-7	9.7	31
40	<i>Aspergillus</i> Associated with Meju, a Fermented Soybean Starting Material for Traditional Soy Sauce and Soybean Paste in Korea. <i>Mycobiology</i> , 2015 , 43, 218-24	1.7	30
39	Taxonomy of <i>Eurotium</i> species isolated from meju. <i>Journal of Microbiology</i> , 2011 , 49, 669-74	3	29
38	Mycotic keratitis due to <i>Aspergillus nomius</i> . <i>Journal of Clinical Microbiology</i> , 2009 , 47, 3382-5	9.7	26
37	Zygomycota associated with traditional meju, a fermented soybean starting material for soy sauce and soybean paste. <i>Journal of Microbiology</i> , 2012 , 50, 386-93	3	25
36	Four novel <i>Talaromyces</i> species isolated from leaf litter from Colombian Amazon rain forests. <i>Mycological Progress</i> , 2016 , 15, 1041-1056	1.9	24
35	A phylogenetic revision of <i>Penicillium</i> sect. <i>Exilicaulis</i> , including nine new species from fynbos in South Africa. <i>IMA Fungus</i> , 2016 , 7, 75-117	6.8	23
34	Five new <i>Talaromyces</i> species with ampulliform-like phialides and globose rough walled conidia resembling <i>T. verruculosus</i> . <i>Mycoscience</i> , 2015 , 56, 486-502	1.2	22
33	Phylogeny and intraspecific variation of the extreme xerophile, <i>Xeromyces bisporus</i> . <i>Fungal Biology</i> , 2011 , 115, 1100-11	2.8	22
32	Lectotypification and status of <i>Isaria</i> Pers. : Fr.. <i>Taxon</i> , 2005 , 54, 485-489	0.8	21
31	<i>Aspergillus</i> sect. <i>Aeni</i> sect. nov., a new section of the genus for <i>A. karnatakaensis</i> sp. nov. and some allied fungi. <i>IMA Fungus</i> , 2010 , 1, 197-205	6.8	20
30	Xerotolerant <i>Cladosporium sphaerospermum</i> Are Predominant on Indoor Surfaces Compared to Other <i>Cladosporium</i> Species. <i>PLoS ONE</i> , 2015 , 10, e0145415	3.7	20
29	<i>Aureobasidium melanogenum</i> : a native of dark biofinishes on oil treated wood. <i>Antonie Van Leeuwenhoek</i> , 2016 , 109, 661-83	2.1	19
28	Diversity of <i>Penicillium</i> section <i>Citrina</i> within the fynbos biome of South Africa, including a new species from a <i>Protea repens</i> infructescence. <i>Mycologia</i> , 2014 , 106, 537-52	2.4	18
27	Keratitis caused by the recently described new species <i>Aspergillus brasiliensis</i> : two case reports. <i>Journal of Medical Case Reports</i> , 2010 , 4, 68	1.2	18

26	<i>Aspergillus europaeus</i> sp. nov., a widely distributed soil-borne species related to <i>A. wentii</i> (section <i>Cremeri</i>). <i>Plant Systematics and Evolution</i> , 2016 , 302, 641-650	1.3	17
25	2. The Amsterdam Declaration on fungal nomenclature. <i>Mycotaxon</i> , 2011 , 116, 491-500	0.5	17
24	Four new <i>Penicillium</i> species isolated from the fynbos biome in South Africa, including a multigene phylogeny of section <i>Lanata-Divaricata</i> . <i>Mycological Progress</i> , 2015 , 14, 1	1.9	15
23	Discovery of <i>Aspergillus frankstonensis</i> sp. nov. during environmental sampling for animal and human fungal pathogens. <i>PLoS ONE</i> , 2017 , 12, e0181660	3.7	14
22	<i>Alternaria hungarica</i> sp. nov., a minor foliar pathogen of wheat in Hungary. <i>Mycologia</i> , 2011 , 103, 94-100	2.4	14
21	Ribotoxin genes in isolates of <i>Aspergillus</i> section <i>Clavati</i> . <i>Antonie Van Leeuwenhoek</i> , 2008 , 94, 481-5	2.1	14
20	The proportion of non-aflatoxigenic strains of the <i>Aspergillus flavus/oryzae</i> complex from meju by analyses of the aflatoxin biosynthetic genes. <i>Journal of Microbiology</i> , 2013 , 51, 766-72	3	13
19	Current taxonomy and identification of foodborne fungi. <i>Current Opinion in Food Science</i> , 2017 , 17, 84-88	3.8	13
18	<i>Aspergillus cibarius</i> sp. nov., from traditional meju in Korea. <i>Journal of Microbiology</i> , 2012 , 50, 712-4	3	13
17	(1684) Proposal to conserve the name <i>Isaria</i> (anamorphic fungi) with a conserved type. <i>Taxon</i> , 2005 , 54, 537-537	0.8	13
16	Understanding fungal functional biodiversity during the mitigation of environmentally dispersed pentachlorophenol in cork oak forest soils. <i>Environmental Microbiology</i> , 2015 , 17, 2922-34	5.2	12
15	Detection of outdoor mould staining as biofinish on oil treated wood. <i>International Biodeterioration and Biodegradation</i> , 2015 , 105, 215-227	4.8	12
14	Polyphasic taxonomy of <i>Aspergillus</i> section <i>Sparsi</i> . <i>IMA Fungus</i> , 2010 , 1, 187-95	6.8	11
13	<i>Penicillium persicinum</i> , a new griseofulvin, chrysogine and roquefortine C producing species from Qinghai Province, China. <i>Antonie Van Leeuwenhoek</i> , 2004 , 86, 173-9	2.1	11
12	Occurrence of black <i>Aspergilli</i> in indoor environments of six countries. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2014 , 65, 219-23	1.7	9
11	Indoor airborne fungal pollution in newborn units in Turkey. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 362	3.1	8
10	Re-identification of <i>Aspergillus fumigatus</i> sensu lato based on a new concept of species delimitation. <i>Journal of Microbiology</i> , 2010 , 48, 607-15	3	8
9	Discovery of a sexual cycle in <i>Talaromyces amestolkiae</i> . <i>Mycologia</i> , 2016 , 108, 70-9	2.4	7

8	MycoKey Round Table Discussions of Future Directions in Research on Chemical Detection Methods, Genetics and Biodiversity of Mycotoxins. <i>Toxins</i> , 2018 , 10,	4.9	7
7	Black aspergilli in tropical infections. <i>Reviews in Medical Microbiology</i> , 2008 , 19, 65-78	1.1	7
6	2 Fungal Spoilage of Crops and Food 2013 , 35-56		5
5	Response to Pitt & Taylor 2016: Conservation of <i>Aspergillus</i> with <i>A. niger</i> as the conserved type is unnecessary and potentially disruptive. <i>Taxon</i> , 2017 , 66, 1439-1446	0.8	4
4	Molecular Diversity of <i>Aspergillus</i> and <i>Penicillium</i> Species on Fruits and Vegetables 2008 , 205-223		4
3	Vegetable oils as carbon and energy source for <i>Aureobasidium melanogenum</i> in batch cultivation. <i>MicrobiologyOpen</i> , 2019 , 8, e00764	3.4	4
2	The fungal composition of natural biofinishes on oil-treated wood. <i>Fungal Biology and Biotechnology</i> , 2017 , 4, 2	7.5	3
1	Unveiling the fungal mycobiota present throughout the cork stopper manufacturing process. <i>FEMS Microbiology Ecology</i> , 2012 , 82, 202-14	4.3	3