

Dee A Carter

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107
papers

5,643
citations

41
h-index

73
g-index

116
ext. papers

6,482
ext. citations

5.8
avg, IF

5.51
L-index

#	Paper	IF	Citations
107	Molecular markers reveal cryptic sex in the human pathogen <i>Coccidioides immitis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 770-3	11.5	435
106	A photosynthetic alveolate closely related to apicomplexan parasites. <i>Nature</i> , 2008 , 451, 959-63	50.4	358
105	Phylogeography of the fungal pathogen <i>Histoplasma capsulatum</i> . <i>Molecular Ecology</i> , 2003 , 12, 3383-4015	7	248
104	Emergence and pathogenicity of highly virulent <i>Cryptococcus gattii</i> genotypes in the northwest United States. <i>PLoS Pathogens</i> , 2010 , 6, e1000850	7.6	245
103	Development and clinical application of a panfungal PCR assay to detect and identify fungal DNA in tissue specimens. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 380-5	9.7	230
102	The evolutionary history of Symbiodinium and scleractinian hosts: Symbiosis, diversity, and the effect of climate change. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2006 , 8, 23-43	3	211
101	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. <i>PLoS Pathogens</i> , 2016 , 12, e1005763	7.6	167
100	The unusual antibacterial activity of medical-grade <i>Leptospermum</i> honey: antibacterial spectrum, resistance and transcriptome analysis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009 , 28, 1199-208	5.3	160
99	Genome variation in <i>Cryptococcus gattii</i> , an emerging pathogen of immunocompetent hosts. <i>MBio</i> , 2011 , 2, e00342-10	7.8	137
98	The antibacterial activity of honey derived from Australian flora. <i>PLoS ONE</i> , 2011 , 6, e18229	3.7	113
97	Clonality and recombination in genetically differentiated subgroups of <i>Cryptococcus gattii</i> . <i>Eukaryotic Cell</i> , 2005 , 4, 1403-9		111
96	Molecular genotype analysis of natural toxigenic and nontoxigenic isolates of <i>Aspergillus flavus</i> and <i>A. parasiticus</i> . <i>Mycological Research</i> , 1999 , 103, 1485-1490		104
95	A comparison of the nature and abundance of microsatellites in 14 fungal genomes. <i>Fungal Genetics and Biology</i> , 2004 , 41, 1025-36	3.9	103
94	Honey has an antifungal effect against <i>Candida</i> species. <i>Medical Mycology</i> , 2006 , 44, 289-91	3.9	101
93	Latitudinal variability in symbiont specificity within the widespread scleractinian coral <i>Plesiastrea versipora</i> . <i>Marine Biology</i> , 2001 , 138, 1175-1181	2.5	96
92	Stability of coral endosymbiont associations during and after a thermal stress event in the southern Great Barrier Reef. <i>Coral Reefs</i> , 2009 , 28, 709-713	4.2	90
91	Manuka-type honeys can eradicate biofilms produced by <i>Staphylococcus aureus</i> strains with different biofilm-forming abilities. <i>PeerJ</i> , 2014 , 2, e326	3.1	89

90	Genetic variability of the symbiotic dinoflagellates from the wide ranging coral species <i>Seriatopora hystrix</i> and <i>Acropora longicyathus</i> in the Indo-West Pacific. <i>Marine Ecology - Progress Series</i> , 2001 , 222, 97-107	2.6	88
89	Therapeutic Manuka Honey: No Longer So Alternative. <i>Frontiers in Microbiology</i> , 2016 , 7, 569	5.7	87
88	Characterization of Mycorrhizal Isolates of <i>Rhizoctonia solani</i> from an Orchid, Including AG-12, a New Anastomosis Group. <i>Phytopathology</i> , 1999 , 89, 942-6	3.8	85
87	Isolates of <i>Cryptococcus neoformans</i> from infected animals reveal genetic exchange in unisexual, alpha mating type populations. <i>Eukaryotic Cell</i> , 2008 , 7, 1771-80		75
86	Molecular markers reveal differentiation among isolates of <i>Coccidioides immitis</i> from California, Arizona and Texas. <i>Molecular Ecology</i> , 1997 , 6, 781-6	5.7	74
85	Evidence of recombination in mixed-mating-type and alpha-only populations of <i>Cryptococcus gattii</i> sourced from single eucalyptus tree hollows. <i>Eukaryotic Cell</i> , 2008 , 7, 727-34		73
84	Clonal reproduction and limited dispersal in an environmental population of <i>Cryptococcus neoformans</i> var <i>gattii</i> isolates from Australia. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 703-11	9.7	72
83	Restriction fragment length polymorphisms of mitochondrial DNA of <i>Phytophthora infestans</i> . <i>Mycological Research</i> , 1990 , 94, 1123-1128		72
82	In vitro susceptibility of the yeast pathogen <i>Cryptococcus</i> to fluconazole and other azoles varies with molecular genotype. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 4115-20	9.7	70
81	First reported case of <i>Cryptococcus gattii</i> in the Southeastern USA: implications for travel-associated acquisition of an emerging pathogen. <i>PLoS ONE</i> , 2009 , 4, e5851	3.7	67
80	The effect of New Zealand kanuka, manuka and clover honeys on bacterial growth dynamics and cellular morphology varies according to the species. <i>PLoS ONE</i> , 2013 , 8, e55898	3.7	67
79	The Antifungal Activity of Lactoferrin and Its Derived Peptides: Mechanisms of Action and Synergy with Drugs against Fungal Pathogens. <i>Frontiers in Microbiology</i> , 2017 , 8, 2	5.7	66
78	Synergism between Medihoney and rifampicin against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>PLoS ONE</i> , 2013 , 8, e57679	3.7	65
77	Symbiont acquisition strategy drives host-symbiont associations in the southern Great Barrier Reef. <i>Coral Reefs</i> , 2008 , 27, 763-772	4.2	65
76	Clinical and environmental isolates of <i>Cryptococcus gattii</i> from Australia that retain sexual fecundity. <i>Eukaryotic Cell</i> , 2005 , 4, 1410-9		65
75	Highly recombinant VGII <i>Cryptococcus gattii</i> population develops clonal outbreak clusters through both sexual macroevolution and asexual microevolution. <i>MBio</i> , 2014 , 5, e01494-14	7.8	63
74	More missense in amyloid gene. <i>Nature Genetics</i> , 1992 , 2, 255-6	36.3	62
73	Highly organized structure in the non-coding region of the <i>psbA</i> minicircle from clade C <i>Symbiodinium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003 , 53, 1725-34	2.2	61

72	DNA sequencing with arbitrary primer pairs. <i>Molecular Ecology</i> , 1994 , 3, 523-5	5-7	61
71	Comparative transcriptomic analyses of <i>Zyoseptoria tritici</i> strains show complex lifestyle transitions and intraspecific variability in transcription profiles. <i>Molecular Plant Pathology</i> , 2016 , 17, 845-859	5-7	58
70	The effect of standard heat and filtration processing procedures on antimicrobial activity and hydrogen peroxide levels in honey. <i>Frontiers in Microbiology</i> , 2012 , 3, 265	5-7	49
69	The Antibacterial Activity of Australian <i>Leptospermum</i> Honey Correlates with Methylglyoxal Levels. <i>PLoS ONE</i> , 2016 , 11, e0167780	3-7	49
68	Specific non-peroxide antibacterial effect of manuka honey on the <i>Staphylococcus aureus</i> proteome. <i>International Journal of Antimicrobial Agents</i> , 2012 , 40, 43-50	14-3	46
67	Clinical isolates of <i>Histoplasma capsulatum</i> from Indianapolis, Indiana, have a recombining population structure. <i>Journal of Clinical Microbiology</i> , 1996 , 34, 2577-84	9-7	45
66	Synergy and antagonism between iron chelators and antifungal drugs in <i>Cryptococcus</i> . <i>International Journal of Antimicrobial Agents</i> , 2016 , 48, 388-94	14-3	38
65	Amplified single-nucleotide polymorphisms and a (GA)(n) microsatellite marker reveal genetic differentiation between populations of <i>Histoplasma capsulatum</i> from the Americas. <i>Fungal Genetics and Biology</i> , 2001 , 34, 37-48	3-9	38
64	Environmental sampling for <i>Cryptococcus neoformans</i> var. <i>gattii</i> from the Blue Mountains National Park, Sydney, Australia. <i>Medical Mycology</i> , 2002 , 40, 53-60	3-9	36
63	The detection of nonhybrid, trisomic, and triploid offspring in sexual progeny of a mating of <i>Phytophthora infestans</i> . <i>Fungal Genetics and Biology</i> , 1999 , 26, 198-208	3-9	35
62	Honey can inhibit and eliminate biofilms produced by <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2019 , 9, 18160	4-9	35
61	Antibiotic-specific differences in the response of <i>Staphylococcus aureus</i> to treatment with antimicrobials combined with manuka honey. <i>Frontiers in Microbiology</i> , 2014 , 5, 779	5-7	32
60	Phylogenetic analysis of the light-harvesting system in <i>Chromera velia</i> . <i>Photosynthesis Research</i> , 2012 , 111, 19-28	3-7	32
59	Most cases of cryptococcal meningitis in HIV-uninfected patients in Vietnam are due to a distinct amplified fragment length polymorphism-defined cluster of <i>Cryptococcus neoformans</i> var. <i>grubii</i> VN1. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 658-64	9-7	32
58	Antibacterial activity of honey from the Australian stingless bee <i>Trigona carbonaria</i> . <i>International Journal of Antimicrobial Agents</i> , 2008 , 32, 89-90	14-3	32
57	Possible migration routes into South America deduced from mitochondrial DNA studies in Colombian Amerindian populations. <i>Human Biology</i> , 2002 , 74, 211-33	1-2	32
56	Sexual reproduction of human fungal pathogens. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 4,	5-4	31
55	Genetic variation of the scleractinian coral <i>Stylophora pistillata</i> , from western Pacific reefs. <i>Coral Reefs</i> , 2003 , 22, 17-22	4-2	31

54	Survey of Vietnamese peanuts, corn and soil for the presence of <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> . <i>Mycopathologia</i> , 2009 , 168, 257-68	2.9	30
53	Looking for sex in the fungal pathogens <i>Cryptococcus neoformans</i> and <i>Cryptococcus gattii</i> . <i>FEMS Yeast Research</i> , 2006 , 6, 588-98	3.1	30
52	Repurposing drugs to fast-track therapeutic agents for the treatment of cryptococcosis. <i>PeerJ</i> , 2018 , 6, e4761	3.1	30
51	Molecular typing of pathogenic fungi. <i>Medical Mycology</i> , 2000 , 38, 189-197	3.9	29
50	Phylogenetic placement and host specificity of mycorrhizal isolates belonging to AG-6 and AG-12 in the <i>Rhizoctonia solani</i> species complex. <i>Mycologia</i> , 2001 , 93, 712-719	2.4	28
49	A set of electrophoretic molecular markers for strain typing and population genetic studies of <i>Histoplasma capsulatum</i> . <i>Electrophoresis</i> , 1997 , 18, 1047-53	3.6	27
48	Phylogenetic Placement and Host Specificity of Mycorrhizal Isolates Belonging to AG-6 and AG-12 in the <i>Rhizoctonia solani</i> Species Complex. <i>Mycologia</i> , 2001 , 93, 712	2.4	27
47	Analysis of the internal transcribed spacer regions of ribosomal DNA in common airborne allergenic fungi. <i>Electrophoresis</i> , 1997 , 18, 1567-9	3.6	25
46	Rifampicin-Manuka Honey Combinations Are Superior to Other Antibiotic-Manuka Honey Combinations in Eradicating Biofilms. <i>Frontiers in Microbiology</i> , 2017 , 8, 2653	5.7	24
45	Characterization of microsatellite loci in the aflatoxigenic fungi <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> . <i>Molecular Ecology</i> , 2000 , 9, 2170-2172	5.7	24
44	Phenotypic Variability Correlates with Clinical Outcome in Isolates Obtained from Botswanan HIV/AIDS Patients. <i>MBio</i> , 2018 , 9,	7.8	24
43	Potential Infection Control Risks Associated with Ultrasound Equipment - A Bacterial Perspective. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 421-426	3.5	23
42	Climate change and the emergence of fungal pathogens. <i>PLoS Pathogens</i> , 2021 , 17, e1009503	7.6	21
41	Lactoferrin Is Broadly Active against Yeasts and Highly Synergistic with Amphotericin B. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	20
40	Species in the Complex Differ in Capsule and Cell Size following Growth under Capsule-Inducing Conditions. <i>MSphere</i> , 2016 , 1,	5	20
39	Surveillance for azole resistance in clinical and environmental isolates of <i>Aspergillus fumigatus</i> in Australia and <i>cyp51A</i> homology modelling of azole-resistant isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2347-2351	5.1	20
38	Overexpression of acetyl-CoA carboxylase in <i>Aspergillus terreus</i> to increase lovastatin production. <i>New Biotechnology</i> , 2018 , 44, 64-71	6.4	18
37	Survey of Vietnamese coffee beans for the presence of ochratoxigenic <i>Aspergilli</i> . <i>Mycopathologia</i> , 2007 , 163, 177-82	2.9	18

36	Phenotypic switching and genetic diversity of <i>Cryptococcus neoformans</i> . <i>Journal of Clinical Microbiology</i> , 2001 , 39, 2060-4	9.7	18
35	Surface and flagella morphology of the motile form of <i>Chromera velia</i> revealed by field-emission scanning electron microscopy. <i>Protist</i> , 2011 , 162, 142-53	2.5	16
34	Time-course proteome analysis reveals the dynamic response of <i>Cryptococcus gattii</i> cells to fluconazole. <i>PLoS ONE</i> , 2012 , 7, e42835	3.7	15
33	Reassessing therapeutic antibodies for neglected and tropical diseases. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0007860	4.8	14
32	<i>Cryptococcus</i> strains with different pathogenic potentials have diverse protein secretomes. <i>Eukaryotic Cell</i> , 2015 , 14, 554-63		13
31	<i>Chromera velia</i> : The Missing Link in the Evolution of Parasitism. <i>Advances in Applied Microbiology</i> , 2013 , 85, 119-44	4.9	13
30	Development of polymorphic microsatellite markers for <i>Cryptococcus neoformans</i> . <i>Molecular Ecology Resources</i> , 2008 , 8, 1136-8	8.4	13
29	Transcriptome and network analyses in <i>Saccharomyces cerevisiae</i> reveal that amphotericin B and lactoferrin synergy disrupt metal homeostasis and stress response. <i>Scientific Reports</i> , 2017 , 7, 40232	4.9	12
28	Effect of nutrient concentration and salinity on immotile-motile transformation of <i>Chromera velia</i> . <i>Journal of Eukaryotic Microbiology</i> , 2010 , 57, 444-6	3.6	11
27	Multilocus variable-number tandem-repeat analysis of clinical isolates of <i>Aspergillus flavus</i> from Iran reveals the first cases of <i>Aspergillus minisclerotigenes</i> associated with human infection. <i>BMC Infectious Diseases</i> , 2014 , 14, 358	4	8
26	Diversity of the Trichocomaceae in the Katandra Nature Reserve, Central Coast, NSW, Australia. <i>Mycological Research</i> , 2005 , 109, 964-73		7
25	Genetic structure of populations of <i>Fusarium proliferatum</i> in soils associated with <i>Livistona mariae</i> palms in Little Palm Creek, Northern Territory, Australia. <i>Australian Journal of Botany</i> , 2004 , 52, 543	1.2	7
24	Veterinary Insights into Cryptococcosis Caused by <i>Cryptococcus neoformans</i> and <i>Cryptococcus gattii</i> 489-504		7
23	Hypervirulence and cross-resistance to a clinical antifungal are induced by an environmental fungicide in <i>Cryptococcus gattii</i> . <i>Science of the Total Environment</i> , 2020 , 740, 140135	10.2	6
22	The Development of Genetic Markers from Fungal Genome Initiatives. <i>Applied Mycology and Biotechnology</i> , 2004 , 4, 1-27		6
21	Improved lovastatin production by inhibiting (+)-geodin biosynthesis in <i>Aspergillus terreus</i> . <i>New Biotechnology</i> , 2019 , 52, 19-24	6.4	5
20	No mutation in codon 713 of the amyloid precursor gene in schizophrenic patients. <i>Human Molecular Genetics</i> , 1993 , 2, 321	5.6	5
19	Different Pathways Mediate Amphotericin-Lactoferrin Drug Synergy in and. <i>Frontiers in Microbiology</i> , 2019 , 10, 2195	5.7	4

18	Predominance of <i>Trichophyton interdigitale</i> Revealed in Podiatric Nail Dust Collections in Eastern Australia. <i>Mycopathologia</i> , 2020 , 185, 175-185	2.9	4
17	A cost-effective colourimetric assay for quantifying hydrogen peroxide in honey. <i>Access Microbiology</i> , 2019 , 1, e000065	1	4
16	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019,	5	4
15	Cellular plasticity of pathogenic fungi during infection. <i>PLoS Pathogens</i> , 2020 , 16, e1008571	7.6	3
14	Chromera et al.: Novel Photosynthetic Alveolates and Apicomplexan Relatives 2014 , 183-196		3
13	Inhibition of Dermatophyte Fungi by Australian Jarrah Honey. <i>Pathogens</i> , 2021 , 10,	4.5	3
12	Isolation of Complete Chloroplasts from <i>Chromera velia</i> – the Photosynthetic Relative of Parasitic Apicomplexa. <i>Advanced Topics in Science and Technology in China</i> , 2013 , 436-439	0.2	2
11	Lactoferrin-Derived Peptide Lactofungin Is Potently Synergistic with Amphotericin B. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	2
10	Sexual Reproduction of <i>Cryptococcus gattii</i> : a Population Genetics Perspective 299-311		1
9	Phenotypic variability correlates with clinical outcome in <i>Cryptococcus</i> isolates obtained from Botswanan HIV/AIDS patients		1
8	Factors affecting the production and measurement of hydrogen peroxide in honey samples. <i>Access Microbiology</i> , 2021 , 3, 000198	1	1
7	The Antifungal and Synergistic Effect of Bisphosphonates in. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	1
6	Lineages Derived from <i>Cryptococcus neoformans</i> Type Strain H99 Support a Link between the Capacity to Be Pleomorphic and Virulence.. <i>MBio</i> , 2022 , e0028322	7.8	1
5	You are what you secrete: extracellular proteins and virulence in <i>Cryptococcus</i> . <i>Microbiology Australia</i> , 2015 , 36, 93	0.8	0
4	Increasing Lovastatin Production by Re-routing the Precursors Flow of <i>Aspergillus terreus</i> via Metabolic Engineering. <i>Molecular Biotechnology</i> , 2021 , 1	3	0
3	Mixing postharvest fungicides and sanitizers results in unpredictable survival of microbes that affect cantaloupes. <i>Food Microbiology</i> , 2021 , 99, 103797	6	0
2	Low Prevalence of Azole Resistance in <i>Aspergillus fumigatus</i> in Australia, and Molecular Characterisation of-Resistant Isolates. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S132-S133	1	
1	Sex in Natural Populations of <i>Cryptococcus gattii</i> 477-488		

