

Christine F Carson

List of Publications by Year in descending order

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69
papers

8,050
citations

101543

36
h-index

98798

67
g-index

71
all docs

71
docs citations

71
times ranked

7110
citing authors

#	ARTICLE	IF	CITATIONS
1	Same-day confirmation of infection and antimicrobial susceptibility profiling using flow cytometry. <i>EBioMedicine</i> , 2022, 82, 104145.	6.1	6
2	Poly(2-hydroxyethyl methacrylate) hydrogels doped with copper nanoparticles. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	1.9	1
3	Poly(2-Hydroxyethyl Methacrylate) Sponges Doped with Ag Nanoparticles as Antibacterial Agents. <i>ACS Applied Nano Materials</i> , 2020, 3, 1630-1639.	5.0	19
4	Same-day antimicrobial susceptibility test using acoustic-enhanced flow cytometry visualized with supervised machine learning. <i>Journal of Medical Microbiology</i> , 2020, 69, 657-669.	1.8	21
5	Treatment of scabies using a tea tree oil-based gel formulation in Australian Aboriginal children: protocol for a randomised controlled trial. <i>BMJ Open</i> , 2018, 8, e018507.	1.9	15
6	Air sampling to assess potential generation of aerosolized viable bacteria during flow cytometric analysis of unfixed bacterial suspensions. <i>Gates Open Research</i> , 2018, 1, 2.	1.1	7
7	<i>In vitro</i> data support the investigation of vinegar as an antimicrobial agent for PD-associated <i>Pseudomonas</i> exit site infections. <i>Nephrology</i> , 2017, 22, 179-181.	1.6	2
8	Analysis of early mesothelial cell responses to <i>Staphylococcus epidermidis</i> isolated from patients with peritoneal dialysis-associated peritonitis. <i>PLoS ONE</i> , 2017, 12, e0178151.	2.5	5
9	Human pleural fluid is a potent growth medium for <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2017, 12, e0188833.	2.5	17
10	Therapeutic Potential of Tea Tree Oil for Scabies. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 258-266.	1.4	49
11	Scabies: an ancient global disease with a need for new therapies. <i>BMC Infectious Diseases</i> , 2015, 15, 250.	2.9	53
12	Effects of a Statewide Protocol for the Management of Peritoneal Dialysis-Related Peritonitis on Microbial Profiles and Antimicrobial Susceptibilities: A Retrospective Five-Year Review. <i>Peritoneal Dialysis International</i> , 2015, 35, 722-728.	2.3	15
13	Lack of evidence that essential oils affect puberty. <i>Reproductive Toxicology</i> , 2014, 44, 50-51.	2.9	7
14	Effect of habituation to tea tree (<i>Melaleuca alternifolia</i>) oil on the subsequent susceptibility of <i>Staphylococcus</i> spp. to antimicrobials, triclosan, tea tree oil, terpinen-4-ol and carvacrol. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 343-351.	2.5	37
15	Effects of <i>Melaleuca alternifolia</i> (Tea Tree) Essential Oil and the Major Monoterpene Component Terpinen-4-ol on the Development of Single- and Multistep Antibiotic Resistance and Antimicrobial Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 909-915.	3.2	124
16	Inhibition of ruminal bacteria involved in lactic acid metabolism by extracts from Australian plants. <i>Animal Feed Science and Technology</i> , 2012, 176, 170-177.	2.2	15
17	<i>Candida albicans</i> adhesion to human epithelial cells and polystyrene and formation of biofilm is reduced by sub-inhibitory <i>Melaleuca alternifolia</i> (tea tree) essential oil. <i>Medical Mycology</i> , 2012, 50, 863-870.	0.7	39
18	Survey of the Antimicrobial Activity of Commercially Available Australian Tea Tree (<i>Melaleuca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 <i>Medicine</i> , 2011, 17, 835-841.	2.1	20

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19	Uncontrolled, open-label, pilot study of tea tree (<i>Melaleuca alternifolia</i>) oil solution in the decolonisation of methicillin-resistant <i>Staphylococcus aureus</i> positive wounds and its influence on wound healing. <i>International Wound Journal</i> , 2011, 8, 375-384.	2.9	46
20	Induction of necrosis and cell cycle arrest in murine cancer cell lines by <i>Melaleuca alternifolia</i> (tea tree) oil. <i>Journal of Cellular Biochemistry</i> , 2007, 104, 1011-1018.	2.3	69
21	Inhibition of established subcutaneous murine tumour growth with topical <i>Melaleuca alternifolia</i> (tea tree) oil. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 66, 1095-1102.	2.3	35
22	Antimicrobial and anti-inflammatory activity of five <i>Taxandria fragrans</i> oils <i>in vitro</i> . <i>Microbiology and Immunology</i> , 2008, 52, 522-530.	1.4	22
23	Frequencies of resistance to <i>Melaleuca alternifolia</i> (tea tree) oil and rifampicin in <i>Staphylococcus aureus</i> , <i>Staphylococcus epidermidis</i> and <i>Enterococcus faecalis</i> . <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 170-173.	2.5	25
24	Use of deception to achieve double-blinding in a clinical trial of <i>Melaleuca alternifolia</i> (tea tree) oil for the treatment of recurrent herpes labialis. <i>Contemporary Clinical Trials</i> , 2008, 29, 9-12.	1.8	19
25	Role of the MexAB-OprM Efflux Pump of <i>Pseudomonas aeruginosa</i> in Tolerance to Tea Tree (<i>Melaleuca alternifolia</i>) Oil. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1073-1078.	3.1	83
26	Diagnosis of <i>Helicobacter pylori</i> Infection in a High Prevalence Pediatric Population: A Comparison of 2 Fecal Antigen Testing Methods and Serology. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008, 47, 130-135.	1.8	18
27	<i>Melaleuca alternifolia</i> (Tea Tree) Oil: a Review of Antimicrobial and Other Medicinal Properties. <i>Clinical Microbiology Reviews</i> , 2006, 19, 50-62.	13.6	959
28	Susceptibility of pseudomonads to <i>Melaleuca alternifolia</i> (tea tree) oil and components. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 449-451.	3.0	53
29	A review of the toxicity of <i>Melaleuca alternifolia</i> (tea tree) oil. <i>Food and Chemical Toxicology</i> , 2006, 44, 616-625.	3.6	235
30	Sporicidal activity of tea tree oil. <i>Healthcare Infection</i> , 2006, 11, 112-121.	0.1	2
31	Tea tree oil: a potential alternative for the management of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Healthcare Infection</i> , 2005, 10, 32-34.	0.1	1
32	Effectiveness of hand-cleansing formulations containing tea tree oil assessed <i>ex vivo</i> on human skin and <i>in vivo</i> with volunteers using European standard EN 1499. <i>Journal of Hospital Infection</i> , 2005, 59, 220-228.	2.9	34
33	Assessment of the antibacterial activity of tea tree oil using the European EN 1276 and EN 12054 standard suspension tests. <i>Journal of Hospital Infection</i> , 2005, 59, 113-125.	2.9	54
34	OzFoodNet: enhancing foodborne disease surveillance across Australia: quarterly report, October to December 2004. <i>Communicable Diseases Intelligence Quarterly Report</i> , 2005, 29, 85-8.	0.5	0
35	Antifungal effects of <i>Melaleuca alternifolia</i> (tea tree) oil and its components on <i>Candida albicans</i> , <i>Candida glabrata</i> and <i>Saccharomyces cerevisiae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 1081-1085.	3.0	239
36	Tolerance of <i>Pseudomonas aeruginosa</i> to <i>Melaleuca alternifolia</i> (tea tree) oil is associated with the outer membrane and energy-dependent cellular processes. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 386-392.	3.0	96

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37	Susceptibility of oral bacteria to <i>Melaleuca alternifolia</i> (tea tree) oil <i>in vitro</i> . Oral Microbiology and Immunology, 2003, 18, 389-392.	2.8	82
38	Antifungal activity of the components of <i>Melaleuca alternifolia</i> (tea tree) oil. Journal of Applied Microbiology, 2003, 95, 853-860.	3.1	371
39	Non-antibiotic therapies for infectious diseases. Communicable Diseases Intelligence Quarterly Report, 2003, 27 Suppl, S143-6.	0.5	12
40	<i>In vitro</i> activity of <i>Melaleuca alternifolia</i> (tea tree) oil against dermatophytes and other filamentous fungi. Journal of Antimicrobial Chemotherapy, 2002, 50, 195-199.	3.0	138
41	Mechanism of Action of <i>Melaleuca alternifolia</i> (Tea Tree) Oil on <i>Staphylococcus aureus</i> Determined by Time-Kill, Lysis, Leakage, and Salt Tolerance Assays and Electron Microscopy. Antimicrobial Agents and Chemotherapy, 2002, 46, 1914-1920.	3.2	760
42	Tea tree oil as an alternative topical decolonization agent for methicillin-resistant <i>Staphylococcus aureus</i> . The International Journal of Essential Oil Therapeutics: Exploring the Bioactivity of Aromatic Plants, 2001, 11, 97-99.	0.7	8
43	The water-soluble components of the essential oil of <i>Melaleuca alternifolia</i> (tea tree oil) suppress the production of superoxide by human monocytes, but not neutrophils, activated <i>in vitro</i> . Inflammation Research, 2001, 50, 213-219.	4.0	110
44	Safety, efficacy and provenance of tea tree (<i>Melaleuca alternifolia</i>) oil. Contact Dermatitis, 2001, 45, 65-67.	1.4	80
45	<i>Melaleuca alternifolia</i> (tea tree) oil gel (6%) for the treatment of recurrent herpes labialis. Journal of Antimicrobial Chemotherapy, 2001, 48, 450-451.	3.0	97
46	Prevalence of delayed hypersensitivity to the European standard series in a self-selected population. Australasian Journal of Dermatology, 2000, 41, 86-89.	0.7	23
47	Terpinen-4-ol, the main component of the essential oil of <i>Melaleuca alternifolia</i> (tea tree oil), suppresses inflammatory mediator production by activated human monocytes. Inflammation Research, 2000, 49, 619-626.	4.0	316
48	<i>In Vitro</i> Activities of Ketoconazole, Econazole, Miconazole, and <i>Melaleuca alternifolia</i> (Tea) Oil. Journal of Antimicrobial Chemotherapy, 2000, 45, 1077-1083.	3.2	77
49	Tea tree oil as an alternative topical decolonization agent for methicillin-resistant <i>Staphylococcus aureus</i> . Journal of Hospital Infection, 2000, 46, 236-237.	2.9	111
50	<i>Melaleuca alternifolia</i> (tea tree) oil inhibits germ tube formation by <i>Candida albicans</i> . Medical Mycology, 2000, 38, 354-361.	0.7	3
51	<i>In Vitro</i> Susceptibilities of Lactobacilli and Organisms Associated with Bacterial Vaginosis to <i>Melaleuca alternifolia</i> (Tea Tree) Oil. Antimicrobial Agents and Chemotherapy, 1999, 43, 196-196.	3.2	25
52	Influence of organic matter, cations and surfactants on the antimicrobial activity of <i>Melaleuca alternifolia</i> (tea tree) oil <i>in vitro</i> . Journal of Applied Microbiology, 1999, 86, 446-452.	3.1	80
53	Antimicrobial activity of essential oils and other plant extracts. Journal of Applied Microbiology, 1999, 86, 985-990.	3.1	1,784
54	Allergic contact dermatitis following use of a tea tree oil hand-wash not due to tea tree oil. Contact Dermatitis, 1999, 41, 354-355.	1.4	3

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55	Efficacy and safety of tea tree oil as a topical antimicrobial agent. <i>Journal of Hospital Infection</i> , 1998, 40, 175-178.	2.9	63
56	In-vitro activity of essential oils, in particular <i>Melaleuca alternifolia</i> (tea tree) oil and tea tree oil products, against <i>Candida</i> spp. <i>Journal of Antimicrobial Chemotherapy</i> , 1998, 42, 591-595.	3.0	158
57	<i>In vitro</i> susceptibility of <i>Malassezia furfur</i> to the essential oil of <i>Melaleuca alternifolia</i> . <i>Medical Mycology</i> , 1997, 35, 375-377.	0.7	14
58	Susceptibility of transient and commensal skin flora to the essential oil of <i>Melaleuca alternifolia</i> (tea tree) oil. <i>Journal of Antimicrobial Chemotherapy</i> , 1998, 42, 107-113.	2.3	136
59	In-vitro activity of the essential oil of <i>Melaleuca alternifolia</i> against <i>Streptococcus</i> spp. <i>Journal of Antimicrobial Chemotherapy</i> , 1996, 37, 1177-1178.	3.0	38
60	Antimicrobial activity of the major components of the essential oil of <i>Melaleuca alternifolia</i> . <i>Journal of Applied Bacteriology</i> , 1995, 78, 264-269.	1.1	512
61	Susceptibility of methicillin-resistant <i>Staphylococcus aureus</i> to the essential oil of <i>Melaleuca alternifolia</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 1995, 35, 421-424.	3.0	198
62	Toxicity of the Essential Oil of <i>Melaleuca alternifolia</i> or Tea Tree Oil. <i>Journal of Toxicology: Clinical Toxicology</i> , 1995, 33, 193-194.	1.5	27
63	The antimicrobial activity of tea tree oil. <i>Medical Journal of Australia</i> , 1994, 160, 236-236.	1.7	26
64	Mupirocin-resistant methicillin-resistant <i>Staphylococcus aureus</i> in Western Australia. <i>Medical Journal of Australia</i> , 1994, 161, 397-398.	1.7	39
65	Susceptibility of <i>Propionibacterium acnes</i> to the essential oil of <i>Melaleuca alternifolia</i> . <i>Letters in Applied Microbiology</i> , 1994, 19, 24-25.	2.2	48
66	Antimicrobial activity of the essential oil of <i>Melaleuca alternifolia</i> . <i>Letters in Applied Microbiology</i> , 1993, 16, 49-55.	2.2	127
67	Ciprofloxacin and <i>Clostridium difficile</i> -associated diarrhoea. <i>Journal of Antimicrobial Chemotherapy</i> , 1992, 30, 141-147.	3.0	42
68	Ciprofloxacin and <i>Clostridium difficile</i> -associated diarrhoea. <i>Journal of Infection</i> , 1991, 22, 304-305.	3.3	1
69	Ciprofloxacin and pseudomembranous colitis. <i>Lancet</i> , The, 1990, 336, 1509-1510.	13.7	12