Caroline L Mohammed

List of Publications by Year
in descending order

99 papers	3,039 citations	147801 31 h-index	189892 50 g-index
99 all docs	99 docs citations	99 times ranked	3276 citing authors

#	Article	IF	Citations
1	Phyllode inoculation provides a rapid protocol for preliminary screening of Acacia species for tolerance to Ceratocystis wilt and canker disease. European Journal of Plant Pathology, 2022, 163, 321-339.	1.7	1
2	Screening clonally replicated Acacia mangium breeding populations for tolerance to Ceratocystis canker and wilt disease. Tree Genetics and Genomes, 2022, 18, 1.	1.6	3
3	Effects of soil- and climate data aggregation on simulated potato yield and irrigation water requirement. Science of the Total Environment, 2020, 710, 135589.	8.0	23
4	Tolerance of Acacia populations following inoculation with the Ceratocystis canker and wilt pathogen in Vietnam. Tree Genetics and Genomes, 2020, 16, 1.	1.6	5
5	Effect of harvest residue management on soil properties of Eucalyptus hybrid and Acacia mangium plantations planted on steep slopes in northern Vietnam. Southern Forests, 2020, 82, 159-169.	0.7	0
6	Acacia plantations in Indonesia facilitate clonal spread of the root pathogen <i>Ganoderma philippii</i>. Plant Pathology, 2020, 69, 685-697.	2.4	8
7	Ease of Access to An Alternative Food Source Enables Wallabies to Strip Bark in Tasmanian Pinus radiata Plantations. Forests, 2020, 11, 387.	2.1	3
8	Screening disease resistance of Acacia auriculiformis clones against Ceratocystis manginecans by artificial and natural inoculation methods. Australasian Plant Pathology, 2019, 48, 617-624.	1.0	11
9	Maximising growth and sawlog production from Acacia hybrid plantations in Vietnam. New Forests, 2019, 50, 785-804.	1.7	5
10	Detection of necrotic foliage in a young <i>Eucalyptus pellita</i> plantation using unmanned aerial vehicle RGB photography â€" a demonstration of concept. Australian Forestry, 2019, 82, 79-88.	0.9	15
11	<i>Ceratocystis</i>wilt and canker â€" a disease that compromises the growing of commercial<i>Acacia</i>-based plantations in the tropics. Australian Forestry, 2019, 82, 80-93.	0.9	23
12	Woodâ€rotting basidiomycetes are a minor component of fungal communities associated with <i>Acacia</i> hybrid trees grown for sawlogs in South Vietnam. Forest Pathology, 2019, 49, e12498.	1.1	3
13	Effect of residue management and fertiliser application on the productivity of a Eucalyptus hybrid and Acacia mangium planted on sloping terrain in northern Vietnam. Southern Forests, 2019, 81, 201-212.	0.7	9
14	Sexuality and mating types of Ganoderma philippii, Ganoderma mastoporum and Ganoderma australe, three basidiomycete fungi with contrasting ecological roles in south-east Asian pulpwood plantations. Australasian Plant Pathology, 2018, 47, 83-94.	1.0	5
15	Role of site in the mortality and production of <i>Acacia mangium</i> plantations in Indonesia. Southern Forests, 2018, 80, 37-50.	0.7	12
16	Screening for host responses in <i>Acacia</i> to a canker and wilt pathogen, <i>Ceratocystis manginecans</i>. Forest Pathology, 2018, 48, e12390.	1.1	17
17	Association of <i>Eucalyptus globulus</i> leaf anatomy with susceptibility to <i>Teratosphaeria</i> leaf disease. Forest Pathology, 2018, 48, e12395.	1.1	14
18	Contribution of Harvest Residues to Nutrient Cycling in a Tropical Acacia mangium Willd. Plantation. Forests, 2018, 9, 577.	2.1	15

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19	Application of Remote Sensing Technologies for Assessing Planted Forests Damaged by Insect Pests and Fungal Pathogens: a Review. Current Forestry Reports, 2017, 3, 75-92.	7.4	68
20	Quantifying stem discoloration and decay following pruning and thinning an <i>Acacia</i> hybrid plantation. Forest Pathology, 2017, 47, e12312.	1.1	3
21	Ganoderma basidiospore germination responses as affected by spore density, temperature and nutrient media. Tropical Plant Pathology, 2017, 42, 328-338.	1.5	6
22	An assessment of ectomycorrhizal fungal communities in Tasmanian temperate high-altitude Eucalyptus delegatensis forest reveals a dominance of the Cortinariaceae. Mycorrhiza, 2017, 27, 67-74.	2.8	11
23	Structural host responses of <i>Acacia mangium</i> and <i>Eucalyptus pellita</i> to artificial infection with the root rot pathogen, <i>Ganoderma philippii</i>. Forest Pathology, 2016, 46, 369-375.	1.1	4
24	Recovery after defoliation in Eucalyptus globulus saplings: respiration and growth. Trees - Structure and Function, 2016, 30, 1543-1555.	1.9	2
25	Diversity and identification of fungi associated with needles of<i>Pinus radiata</i>in Tasmania. Southern Forests, 2016, 78, 19-34.	0.7	6
26	Predicting productivity of Acacia hybrid plantations for a range of climates and soils in Vietnam. Forest Ecology and Management, 2016, 367, 97-111.	3.2	27
27	Perception of climate change and its impact by smallholders in pastoral/agropastoral systems of Borana, South Ethiopia. SpringerPlus, 2015, 4, 236.	1.2	130
28	<i><scp>L</scp>ophodermium pinastri</i> and an unknown species of Teratosphaeriaceae are associated with needle cast in a <i><scp>P</scp>inus radiata</i> selection trial. Forest Pathology, 2015, 45, 281-289.	1.1	8
29	Microsatellite analysis indicates that Puccinia psidii in Australia is mutating but not recombining. Australasian Plant Pathology, 2015, 44, 455-462.	1.0	29
30	Rapid collapse of a subâ€Antarctic alpine ecosystem: the role of climate and pathogens. Journal of Applied Ecology, 2015, 52, 774-783.	4.0	40
31	Identification of basidiomycete fungi in <scp>I</scp>ndonesian hardwood plantations by <scp>DNA</scp> barcoding. Forest Pathology, 2014, 44, 496-508.	1.1	24
32	Signs and identification of fungal rootâ€rot pathogens in tropical <i>Eucalyptus pellita</i> plantations. Forest Pathology, 2014, 44, 486-495.	1.1	20
33	Management of basidiomycete rootâ€and stemâ€rot diseases in oil palm, rubber and tropical hardwood plantation crops. Forest Pathology, 2014, 44, 428-446.	1.1	62
34	Multigene phylogenetic study of <i>Cyclaneusma</i> species. Forest Pathology, 2014, 44, 299-309.	1.1	6
35	<i><scp>G</scp>anoderma steyaertanum</i> as a rootâ€rot pathogen of forest trees. Forest Pathology, 2014, 44, 460-471.	1.1	8
36	Disease progression in plantations of <i><scp>A</scp>cacia mangium</i> affected by red root rot (<i><scp>G</scp>anoderma philippii</i>). Forest Pathology, 2014, 44, 447-459.	1.1	26

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37	Speciesâ€specific <scp>PCR</scp> for rapid identification of <i>Ganoderma philippii</i> and <i>Ganoderma mastoporum</i> from <i>Acacia mangium</i> and <i>Eucalyptus pellita</i> plantations in <scp>I</scp>ndonesia. Forest Pathology, 2014, 44, 477-485.	1.1	15
38	Seasonal dynamics in understorey abundance and carbohydrate concentration in relation to browsing and bark stripping of Tasmanian Pinus radiata plantations. Forest Ecology and Management, 2013, 296, 98-107.	3.2	8
39	Temperate eucalypt forest decline is linked to altered ectomycorrhizal communities mediated by soil chemistry. Forest Ecology and Management, 2013, 302, 329-337.	3.2	48
40	Whole-plant versus leaf-level regulation of photosynthetic responses after partial defoliation in Eucalyptus globulus saplings. Journal of Experimental Botany, 2013, 64, 1625-1636.	4.8	49
41	Interactive effects of water supply and defoliation on photosynthesis, plant water status and growth of Eucalyptus globulus Labill. Tree Physiology, 2012, 32, 958-967.	3.1	51
42	Ceratocystis species, including two new species associated with nitidulid beetles, on eucalypts in Australia. Antonie Van Leeuwenhoek, 2012, 101, 217-241.	1.7	29
43	The ecology and diversity of wood-inhabiting macrofungi in a native Eucalyptus obliqua forest of southern Tasmania, Australia. Fungal Ecology, 2011, 4, 56-67.	1.6	31
44	Diversity and phenology of the macrofungal assemblages supported by litter in a tall, wet Eucalyptus obliqua forest inÂsouthern Tasmania, Australia. Fungal Ecology, 2011, 4, 68-75.	1.6	9
45	Diversity and ecology of epigeous ectomycorrhizal macrofungal assemblages in a native wet eucalypt forest in Tasmania, Australia. Fungal Ecology, 2011, 4, 290-298.	1.6	11
46	Quantifying stem growth loss at the tree-level in a Pinus radiata plantation to repeated attack by the aphid, Essigella californica. Forest Ecology and Management, 2011, 261, 120-127.	3.2	21
47	Defence responses in plantationâ€grown <i>Eucalyptus globulus</i> and <i>Eucalyptus nitens</i> after artificial fungal inoculation. Forest Pathology, 2011, 41, 398-406.	1.1	2
48	Photosynthetic responses of field-grown Pinus radiata trees to artificial and aphid-induced defoliation. Tree Physiology, 2011, 31, 592-603.	3.1	41
49	Spectral characterization of necrosis from reflectance of Eucalyptus globulus leaves with Mycosphaerella leaf disease or subjected to artificial lesions. International Journal of Remote Sensing, 2011, 32, 9243-9259.	2.9	32
50	Do artificial and natural defoliation have similar effects on physiology of Eucalyptus globulus Labill. seedlings?. Annals of Forest Science, 2010, 67, 203-203.	2.0	45
51	Induced resistance to pests and pathogens in trees. New Phytologist, 2010, 185, 893-908.	7.3	256
52	Shifts in biomass and resource allocation patterns following defoliation in Eucalyptus globulus growing with varying water and nutrient supplies. Tree Physiology, 2009, 29, 753-764.	3.1	110
53	<i>Ganoderma</i>and<i>Amauroderma</i>species associated with root-rot disease of<i>Acacia mangium</i>plantation trees in Indonesia and Malaysia. Australasian Plant Pathology, 2009, 38, 345.	1.0	48
54	Characterizing Eucalypt Leaf Phenology and Stress with Spectral Analysis. Lecture Notes in Geoinformation and Cartography, 2009, , 193-209.	1.0	6

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55	Management of fungal rootâ€rot pathogens in tropical<i>Acacia mangium</i>plantations. Forest Pathology, 2008, 38, 332-355.	1.1	33
56	Solid-wood production from temperate eucalypt plantations: a Tasmanian case study. Southern Forests, 2008, 70, 45-57.	0.7	15
57	Crownâ€scale evaluation of spectral indices for defoliated and discoloured eucalypts. International Journal of Remote Sensing, 2008, 29, 47-69.	2.9	48
58	Defoliation and nitrogen effects on photosynthesis and growth of Eucalyptus globulus. Tree Physiology, 2007, 27, 1053-1063.	3.1	64
59	Predicting <i>Mycosphaerella</i> leaf disease severity in a <i>Eucalyptus globulus</i> plantation using digital multi-spectral imagery. Southern Forests, 2007, 69, 175-182.	0.2	13
60	Development of Nested Polymerase Chain Reaction Detection of Mycosphaerella spp. and Its Application to the Study of Leaf Disease in Eucalyptus Plantations. Phytopathology, 2007, 97, 132-144.	2.2	32
61	Effect of pruning Acacia mangium on growth, form and heart rot. Forest Ecology and Management, 2007, 238, 261-267.	3.2	30
62	The influence of wound location on decay extent in plantation-grown Eucalyptus globulus and Eucalyptus nitens. Forest Ecology and Management, 2007, 242, 353-362.	3.2	8
63	Anatomical and histochemical defence responses induced in juvenile leaves of <i>Eucalyptus globulus</i> and <i>Eucalyptus nitens</i> by <i>Mycosphaerella</i> infection. Forest Pathology, 2007, 37, 361-373.	1.1	50
64	Puccinia psidii: a threat to the Australian environment and economy â€“ a review. Australasian Plant Pathology, 2007, 36, 1.	1.0	188
65	A Theory of Partisan Support and Entry Deterrence in Electoral Competition. Journal of Theoretical Politics, 2006, 18, 123-158.	0.4	29
66	Chlorophyll and nitrogen determination for plantation-grown Eucalyptus nitens and E. globulus using a non-destructive meter. Forest Ecology and Management, 2006, 223, 211-217.	3.2	76
67	Pruning and fertiliser effects on branch size and decay in two Eucalyptus nitens plantations. Forest Ecology and Management, 2006, 225, 123-133.	3.2	23
68	Growth responses of Eucalyptus globulus Labill. to nitrogen application and severity, pattern and frequency of artificial defoliation. Forest Ecology and Management, 2006, 229, 378-387.	3.2	43
69	Effects of fertilising with nitrogen and phosphorus on growth and crown condition of Eucalyptus globulus Labill. experiencing insect defoliation. Forest Ecology and Management, 2006, 231, 131-137.	3.2	40
70	Variation of heartrot, sapwood infection and polyphenol extractives with provenance of Acacia mangium. Forest Pathology, 2006, 36, 183-197.	1.1	9
71	Effects of Mycosphaerella leaf disease on the spectral reflectance properties of juvenile Eucalyptus globulus foliage. Forest Pathology, 2006, 36, 334-348.	1.1	53
72	Photosynthesis of Eucalyptus globulus with Mycosphaerella leaf disease. New Phytologist, 2006, 170, 119-127.	7.3	54

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73	Anatomical variation and defence responses of juvenileEucalyptus nitensleaves to Mycosphaerella leaf disease. Australasian Plant Pathology, 2006, 35, 725.	1.0	20
74	Physiology and anatomy of lenticel-like structures on leaves of Eucalyptus nitens and Eucalyptus globulus seedlings. Tree Physiology, 2006, 26, 989-999.	3.1	18
75	Genetic structure of aMycosphaerella crypticapopulation. Australasian Plant Pathology, 2005, 34, 345.	1.0	14
76	Polyphenols in Acacia mangium and Acacia auriculiformis heartwood with reference to heart rot susceptibility. Journal of Wood Science, 2005, 51, 615-621.	1.9	32
77	Comparison of Antifungal and Antioxidant Activities of Acacia mangium and A. auriculiformis Heartwood Extracts. Journal of Chemical Ecology, 2005, 31, 789-804.	1.8	53
78	Precision And Accuracy Of Pest And Pathogen Damage Assessment In Young Eucalypt Plantations. Environmental Monitoring and Assessment, 2005, 111, 243-256.	2.7	14
79	The effect of time and site on incidence and spread of pruning-related decay in plantation-grown Eucalyptus nitens. Canadian Journal of Forest Research, 2005, 35, 495-502.	1.7	13
80	The Effects of Working Memory Resource Availability on Prospective Memory. Experimental Psychology, 2005, 52, 243-256.	0.7	100
81	Genetic variation inEucalyptus globulusfor susceptibility toMycosphaerella nubilosaand its association with tree growth. Australasian Plant Pathology, 2005, 34, 11.	1.0	50
82	Role ofEucalyptus globuluswound wood extractives: evidence of superoxide dismutase-like activity. Forest Pathology, 2004, 34, 225-232.	1.1	15
83	Incidence of heartrot in harvest-age Acacia mangium in Indonesia, using a rapid survey method. Forest Ecology and Management, 2004, 190, 273-280.	3.2	18
84	Growth responses, physiology and decay associated with pruning plantation-grown Eucalyptus globulus Labill. and E. nitens (Deane and Maiden) Maiden. Forest Ecology and Management, 2004, 200, 263-277.	3.2	27
85	Novel detection of formylated phloroglucinol compounds (FPCs) in the wound wood of Eucalyptus globulus and E. nitens. Journal of Chemical Ecology, 2003, 29, 881-898.	1.8	37
86	Host responses to natural infection byCytonaemasp. in the aerial bark ofEucalyptus globulus. Forest Pathology, 2003, 33, 317-331.	1.1	31
87	Wound wood formation in Eucalyptus globulus and Eucalyptus nitens: anatomy and chemistry. Canadian Journal of Forest Research, 2003, 33, 2331-2339.	1.7	38
88	Post-Harvest Chemical Staining in Blackwood (Acacia melanoxylon R. Br.). Holzforschung, 2003, 57, 230-236.	1.9	2
89	Kino vein formation inEucalyptus globulusandE. nitens. Australian Forestry, 2003, 66, 206-212.	0.9	18
90	COMPARISON OF CEPA (2-CHLOROETHYL PHOSPHONIC ACID) INDUCED RESPONSES IN JUVENILE EUCALYPTUS NITENS, E. GLOBULUS AND E. OBLIQUA: A HISTOCHEMICAL AND ANATOMICAL STUDY. IAWA Journal, 2002, 23, 419-430.	2.7	10

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91	Ceratocystis moniliformopsis sp. nov., an early coloniser of Eucalyptus obliqua logs in Tasmania, Australia. Australian Systematic Botany, 2002, 15, 125.	0.9	16
92	Effect of season and different fungi on phenolics in response to xylem wounding and inoculation in Eucalyptus nitens. Forest Pathology, 2002, 32, 163-178.	1.1	31
93	Mycosphaerella species occurring on Eucalyptus globulus and Eucalyptus nitens plantations of Tasmania, Australia. Forest Pathology, 2001, 31, 53-63.	1.1	31
94	Lesion development in stems of rough- and smooth-barked Eucalyptus nitens following artificial inoculations with canker fungi. Forest Pathology, 2001, 31, 149-161.	1.1	6
95	Identification of hydrolysable tannins in the reaction zone of Eucalyptus nitens wood by high performance liquid chromatography-electrospray ionisation mass spectrometry. Phytochemical Analysis, 2001, 12, 120-127.	2.4	80
96	Development of an efficient system for the separation of indole alkaloids by high performance liquid chromatography and its applications. Phytochemical Analysis, 2001, 12, 96-103.	2.4	32
97	First Report of Gloeosporidina sp. Isolated from Lesions on Shoots and Leaves of Eucalyptus nitens and E. globulus in Australia. Plant Disease, 2000, 84, 510-512.	1.4	1
98	Pathogenicity of Fungi Associated with Stem Cankers of Eucalypts in Tasmania, Australia. Plant Disease, 1999, 83, 1063-1069.	1.4	19
99	New foliar pathogens of Eucalyptus from Australia and Indonesia. Mycological Research, 1998, 102, 527-532.	2.5	41