

# Carol A Rolando

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

371  
citations

840119

11  
h-index

940134

16  
g-index

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all docs

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docs citations

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times ranked

351  
citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation of the environmental behaviour, fate and risk of key pesticides used in South African forest plantations. <i>Southern Forests</i> , 2022, 84, 83-92.	0.2	3
2	Integrating across knowledge systems to drive action on chronic biological invasions. <i>Biological Invasions</i> , 2021, 23, 407-432.	1.2	7
3	Refining tree size and dose response functions for control of invasive <i>Pinus contorta</i> . <i>Invasive Plant Science and Management</i> , 2021, 14, 115-125.	0.5	4
4	Swath pattern analysis from a multi-rotor unmanned aerial vehicle configured for pesticide application. <i>Pest Management Science</i> , 2020, 76, 1282-1290.	1.7	18
5	Quantifying Spray Deposition from a UAV Configured for Spot Spray Applications to Individual Plants. <i>Transactions of the ASABE</i> , 2020, 63, 1049-1058.	1.1	8
6	Efficacy of Fungicides Applied for Protectant and Curative Activity Against Myrtle Rust. <i>Plant Disease</i> , 2020, 104, 2123-2129.	0.7	5
7	Effect of dose and adjuvant on uptake of triclopyr and dicamba into <i>Pinus contorta</i> needles. <i>Plant-Environment Interactions</i> , 2020, 1, 57-66.	0.7	2
8	Can Copper Be Used to Treat Foliar Phytophthora Infections in <i>Pinus radiata</i> ?. <i>Plant Disease</i> , 2019, 103, 1828-1834.	0.7	8
9	Site preparation and vegetation management impacts on <i>Pinus patula</i> growth and rotation end productivity in South Africa. <i>Australian Forestry</i> , 2019, 82, 107-115.	0.3	4
10	Hyperspectral VNIR-spectroscopy and imagery as a tool for monitoring herbicide damage in wilding conifers. <i>Biological Invasions</i> , 2019, 21, 3395-3413.	1.2	8
11	Optimising spot weed control regimes for <i>Pinus radiata</i> plantations. <i>Canadian Journal of Forest Research</i> , 2019, 49, 759-766.	0.8	2
12	The impact of slash management, fertilisation and vegetation management on <i>Pinus elliottii</i> pulpwood growth and rotation-end yield. <i>South African Journal of Plant and Soil</i> , 2019, 36, 249-259.	0.4	2
13	Spray Application Efficiency from a Multi-Rotor Unmanned Aerial Vehicle Configured for Aerial Pesticide Application. <i>Transactions of the ASABE</i> , 2019, 62, 1447-1453.	1.1	7
14	Impacts of under-canopy vegetation on stand growth in two pine saw-timber stands, South Africa. <i>New Zealand Journal of Forestry Science</i> , 2018, 48, .	0.8	2
15	Chemical control of two <i>Phytophthora</i> species infecting the canopy of Monterey pine ( <i>Pinus</i> ) Tj ETQq1 1 0,784314 rgBT /Ove	0.5	18
16	The economic costs of weeds on productive land in New Zealand. <i>International Journal of Agricultural Sustainability</i> , 2017, 15, 380-392.	1.3	20
17	The Effect of Formulation, Dose, and Adjuvants on Uptake of Phosphite Into Pine Foliage. <i>Plant Disease</i> , 2017, 101, 1652-1658.	0.7	1
18	Herbicide options for managing competitive vegetation during the establishment of <i>Pinus radiata</i> and <i>Pseudotsuga menziesii</i> var. <i>menziesii</i> in Southland, New Zealand. <i>New Zealand Journal of Forestry Science</i> , 2017, 47, .	0.8	2

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19	Use of remotely sensed data to characterize weed competition in forest plantations. <i>International Journal of Remote Sensing</i> , 2017, 38, 2448-2463.	1.3	6
20	The Risks Associated with Glyphosate-Based Herbicide Use in Planted Forests. <i>Forests</i> , 2017, 8, 208.	0.9	35
21	Using the age shift method to determine gains from weed management for <i>Pinus radiata</i> in New Zealand. <i>Weed Research</i> , 2015, 55, 461-469.	0.8	8
22	Environmental fate of terbuthylazine and hexazinone in a New Zealand planted forest Pumice soil. <i>Forest Ecology and Management</i> , 2015, 337, 67-76.	1.4	12
23	Herbicides for use in management of certified <i>Pinus radiata</i> plantations in New Zealand. <i>Australian Forestry</i> , 2014, 77, 123-132.	0.3	4
24	An aerial spot-spraying technique: a pilot study to test a method for pest eradication in urban environments. <i>SpringerPlus</i> , 2014, 3, 750.	1.2	6
25	Alternatives to hexazinone and terbuthylazine for chemical control of <i>Cytisus scoparius</i> in <i>Pinus radiata</i> plantations in New Zealand. <i>Weed Research</i> , 2014, 54, 265-273.	0.8	6
26	The use of adjuvants to improve uptake of phosphorous acid applied to <i>Pinus radiata</i> needles for control of foliar <i>Phytophthora</i> diseases. <i>New Zealand Journal of Forestry Science</i> , 2014, 44, .	0.8	12
27	A survey of herbicide use and a review of environmental fate in New Zealand planted forests. <i>New Zealand Journal of Forestry Science</i> , 2013, 43, 17.	0.8	27
28	Predicting the severity of <i>Cyclaneusma minus</i> on <i>Pinus radiata</i> under current climate in New Zealand. <i>Canadian Journal of Forest Research</i> , 2012, 42, 667-674.	0.8	17
29	The potential cost of environmental certification to vegetation management in plantation forests: a New Zealand case study. <i>Canadian Journal of Forest Research</i> , 2011, 41, 986-993.	0.8	14
30	Potential for <i>Cleopus japonicus</i> to control the weed <i>Buddleja davidii</i> in plantation forests in New Zealand. <i>Forest Ecology and Management</i> , 2011, 261, 78-83.	1.4	6
31	Stem injection of a systemic insecticide to control <i>Uraba lugens</i> on urban <i>Lophostemon confertus</i> trees. <i>Pest Management Science</i> , 2011, 67, n/a-n/a.	1.7	3
32	Critical water stress levels in <i>Pinus patula</i> seedlings and their relation to measures of seedling morphology. <i>Southern Forests</i> , 2011, 73, 41-49.	0.2	0
33	Adsorption of the herbicide terbuthylazine across a range of New Zealand forestry soils. <i>Canadian Journal of Forest Research</i> , 2010, 40, 1448-1457.	0.8	14
34	Measuring water stress in <i>Eucalyptus grandis</i> Hill ex Maiden seedlings planted into pots. <i>South African Journal of Botany</i> , 2008, 74, 133-138.	1.2	11
35	Measuring water stress in <i>Pinus patula</i> Schiede ex Schlecht. & Cham. seedlings. <i>South African Journal of Plant and Soil</i> , 2008, 25, 55-61.	0.4	0
36	Regional vegetation management standards for commercial <i>Eucalyptus</i> plantations in South Africa. <i>Southern Forests</i> , 2008, 70, 87-97.	0.2	15

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37	Results from four <i>Pinus patula</i> water planting trials in the summer rainfall region of South Africa. <i>Southern Forests</i> , 2007, 69, 9-17.	0.2	1
38	An integrated analysis of 33 <i>Eucalyptus</i> trials linking the onset of competition-induced tree growth suppression with management, physiographic and climatic factors. <i>Annals of Forest Science</i> , 2007, 64, 585-591.	0.8	24
39	An assessment of the impact of pesticides applied at planting on survival of pines during regeneration, in South Africa. <i>South African Journal of Botany</i> , 2006, 72, 649-655.	1.2	4
40	Survival and growth of <i>Pinus patula</i> at two years in response to harvest residue and pest management, in Mpumalanga, South Africa. <i>Southern Forests</i> , 2004, 200, 19-26.	0.1	4
41	Using chlorophyll fluorescence to determine stress in <i>Eucalyptus grandis</i> seedlings. <i>Southern Forests</i> , 2003, 197, 5-12.	0.1	11
42	Post-establishment vegetation control in a <i>Eucalyptus grandis</i> x <i>E. camaldulensis</i> stand. <i>Southern Forests</i> , 2002, 193, 77-80.	0.1	7
43	Evaluating the efficacy of potential fungicide-adjuvant combinations for control of myrtle rust in New Zealand. <i>Journal of Plant Diseases and Protection</i> , 0, , 1.	1.6	1
44	Meeting droplet size specifications for aerial herbicide application to control wilding conifers. <i>New Zealand Plant Protection</i> , 0, 73, 13-23.	0.3	1
45	Efficacy and optimal timing of low-volume aerial applications of copper fungicides for the control of red needle cast of pine. <i>New Zealand Journal of Forestry Science</i> , 0, 52, .	0.8	1