

# Michael S Watt

## List of Publications by Year in descending order

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134  
papers

3,286  
citations

147801

31  
h-index

223800

46  
g-index

135  
all docs

135  
docs citations

135  
times ranked

3552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial comparisons of carbon sequestration for redwood and radiata pine within New Zealand. <i>Forest Ecology and Management</i> , 2022, 513, 120190.	3.2	6
2	Use of advanced modelling methods to estimate radiata pine productivity indices. <i>Forest Ecology and Management</i> , 2021, 479, 118557.	3.2	17
3	Reducing the Uncertainty of Radiata Pine Site Index Maps Using an Spatial Ensemble of Machine Learning Models. <i>Forests</i> , 2021, 12, 77.	2.1	9
4	Deep Learning and Phenology Enhance Large-Scale Tree Species Classification in Aerial Imagery during a Biosecurity Response. <i>Remote Sensing</i> , 2021, 13, 1789.	4.0	11
5	Use of advanced modelling methods to predict dothistroma needle blight on <i>Pinus radiata</i> at a fine resolution within New Zealand. <i>Forest Ecology and Management</i> , 2021, 492, 119226.	3.2	9
6	A Novel Approach to Modelling Stand-Level Growth of an Even-Aged Forest Using a Volume Productivity Index with Application to New Zealand-Grown Coast Redwood. <i>Forests</i> , 2021, 12, 1155.	2.1	12
7	Comparing volume productivity of redwood and radiata pine plantations in New Zealand. <i>Forest Ecology and Management</i> , 2021, 500, 119628.	3.2	8
8	Long-term effects of water stress on hyperspectral remote sensing indicators in young radiata pine. <i>Forest Ecology and Management</i> , 2021, 502, 119707.	3.2	11
9	A comparison of UAV laser scanning, photogrammetry and airborne laser scanning for precision inventory of small-forest properties. <i>Forestry</i> , 2020, 93, 150-162.	2.3	32
10	Using hyperspectral plant traits linked to photosynthetic efficiency to assess N and P partition. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 169, 406-420.	11.1	19
11	Detecting and mapping tree seedlings in UAV imagery using convolutional neural networks and field-verified data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 168, 156-169.	11.1	38
12	Monitoring biochemical limitations to photosynthesis in N and P-limited radiata pine using plant functional traits quantified from hyperspectral imagery. <i>Remote Sensing of Environment</i> , 2020, 248, 112003.	11.0	16
13	An Assessment of High-Density UAV Point Clouds for the Measurement of Young Forestry Trials. <i>Remote Sensing</i> , 2020, 12, 4039.	4.0	29
14	Forest-Scale Phenotyping: Productivity Characterisation Through Machine Learning. <i>Frontiers in Plant Science</i> , 2020, 11, 99.	3.6	21
15	Comparison of TanDEM-X InSAR data and high-density ALS for the prediction of forest inventory attributes in plantation forests with steep terrain. <i>Remote Sensing of Environment</i> , 2020, 246, 111833.	11.0	6
16	Assessment of multiple climate change effects on plantation forests in New Zealand. <i>Forestry</i> , 2019, 92, 1-15.	2.3	22
17	Hyperspectral VNIR-spectroscopy and imagery as a tool for monitoring herbicide damage in wilding conifers. <i>Biological Invasions</i> , 2019, 21, 3395-3413.	2.4	8
18	Development of a generic model describing modulus of elasticity of <i>Pinus radiata</i> in Chile and New Zealand. <i>Forest Ecology and Management</i> , 2019, 453, 117583.	3.2	3

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19	Taking a closer look at invasive alien plant research: A review of the current state, opportunities, and future directions for UAVs. <i>Methods in Ecology and Evolution</i> , 2019, 10, 2020-2033.	5.2	23
20	Early Detection of Invasive Exotic Trees Using UAV and Manned Aircraft Multispectral and LiDAR Data. <i>Remote Sensing</i> , 2019, 11, 1812.	4.0	50
21	Modelling the influence of environment on basic density of the juvenile wood for <i>Pinus radiata</i> grown in Chile. <i>Forest Ecology and Management</i> , 2019, 448, 112-118.	3.2	2
22	Preprocessing Ground-Based Visible/Near Infrared Imaging Spectroscopy Data Affected by Smile Effects. <i>Sensors</i> , 2019, 19, 1543.	3.8	10
23	Application of remote sensing technologies to identify impacts of nutritional deficiencies on forests. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 149, 226-241.	11.1	22
24	Comparison of models describing forest inventory attributes using standard and voxel-based lidar predictors across a range of pulse densities. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 78, 341-351.	2.8	21
25	UAV Multispectral Imagery Can Complement Satellite Data for Monitoring Forest Health. <i>Remote Sensing</i> , 2018, 10, 1216.	4.0	79
26	Phenotyping Whole Forests Will Help to Track Genetic Performance. <i>Trends in Plant Science</i> , 2018, 23, 854-864.	8.8	50
27	Comparison of high-density LiDAR and satellite photogrammetry for forest inventory. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 142, 257-267.	11.1	52
28	Wood Properties of Juvenile and Mature Wood of <i>Pinus radiata</i> D. Don Trees Growing on Contrasting Sites in Chile. <i>Forest Science</i> , 2017, 63, 184-191.	1.0	5
29	Modelling the influence of environment on juvenile modulus of elasticity in <i>Pinus radiata</i> grown in Chile. <i>Forest Ecology and Management</i> , 2017, 400, 238-245.	3.2	6
30	Spatial prediction of optimal final stand density for even-aged plantation forests using productivity indices. <i>Canadian Journal of Forest Research</i> , 2017, 47, 527-535.	1.7	20
31	Assessing very high resolution UAV imagery for monitoring forest health during a simulated disease outbreak. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 131, 1-14.	11.1	249
32	Optimising prediction of forest leaf area index from discrete airborne lidar. <i>Remote Sensing of Environment</i> , 2017, 200, 220-239.	11.0	44
33	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
34	Use of remotely sensed data to characterize weed competition in forest plantations. <i>International Journal of Remote Sensing</i> , 2017, 38, 2448-2463.	2.9	6
35	The economic impact of optimising final stand density for structural saw log production on the value of the New Zealand plantation estate. <i>Forest Ecology and Management</i> , 2017, 406, 361-369.	3.2	11
36	Combining Airborne Laser Scanning and Aerial Imagery Enhances Echo Classification for Invasive Conifer Detection. <i>Remote Sensing</i> , 2017, 9, 156.	4.0	14

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37	Characterising prediction error as a function of scale in spatial surfaces of tree productivity. New Zealand Journal of Forestry Science, 2017, 47, .	0.8	10
38	STEM AND SOIL CO <sub>2</sub> Efflux Responses Of Pinus radiata PLANTATIONS TO TEMPERATURE, SEASON, AGE, TIME (DAY/NIGHT) AND FERTILIZATION. Ciencia E Investigacion Agraria, 2016, 43, 9-9.	0.2	2
39	Modeling growth response to soil water availability simulated by HYDRUS for a mature triploid Populus tomentosa plantation located on the North China Plain. Agricultural Water Management, 2016, 176, 243-254.	5.6	46
40	Assessment of herbicides for selectively controlling broom (Cytisus scoparius) growing with radiata pine (Pinus radiata) in New Zealand. New Zealand Journal of Forestry Science, 2016, 46, .	0.8	5
41	Comparison of optical LAI measurements under diffuse and clear skies after correcting for scattered radiation. Agricultural and Forest Meteorology, 2016, 221, 61-70.	4.8	25
42	Environmental fate of terbuthylazine and hexazinone in a planted forest steepland Recent Soil, New Zealand. New Zealand Journal of Forestry Science, 2016, 46, .	0.8	2
43	Multi-sensor modelling of a forest productivity index for radiata pine plantations. New Zealand Journal of Forestry Science, 2016, 46, .	0.8	13
44	Characterising forest structure using combinations of airborne laser scanning data, RapidEye satellite imagery and environmental variables. Forestry, 2016, 89, 159-169.	2.3	25
45	Relative persistence of commonly used forestry herbicides for preventing the establishment of broom (Cytisus scoparius) seedlings in New Zealand plantations. New Zealand Journal of Forestry Science, 2015, 45, .	0.8	8
46	The evaluation of aerially applied triclopyr mixtures for the control of dense infestations of wilding Pinus contorta in New Zealand. New Zealand Journal of Forestry Science, 2015, 45, .	0.8	3
47	Growth, biomass, leaf area and water-use efficiency of juvenile Pinus radiata in response to water deficits. New Zealand Journal of Forestry Science, 2015, 45, .	0.8	11
48	Modelling the influence of predicted future climate change on the risk of wind damage within New Zealand's planted forests. Global Change Biology, 2015, 21, 3021-3035.	9.5	22
49	Calibrated tree counting on remotely sensed images of planted forests. International Journal of Remote Sensing, 2015, 36, 3819-3836.	2.9	11
50	Comparing parametric and non-parametric methods of predicting Site Index for radiata pine using combinations of data derived from environmental surfaces, satellite imagery and airborne laser scanning. Forest Ecology and Management, 2015, 357, 1-9.	3.2	32
51	Environmental fate of terbuthylazine and hexazinone in a New Zealand planted forest Pumice soil. Forest Ecology and Management, 2015, 337, 67-76.	3.2	12
52	Herbicides for use in management of certified Pinus radiata plantations in New Zealand. Australian Forestry, 2014, 77, 123-132.	0.9	4
53	Aerial spot treatment using an oil carrier to apply ester based herbicides for control of Pinus contorta and P. nigra in New Zealand. New Zealand Journal of Forestry Science, 2014, 44, .	0.8	4
54	Modelling between tree and longitudinal variation in green density within Pinus radiata: implications for estimation of MOE by acoustic methods. New Zealand Journal of Forestry Science, 2014, 44, .	0.8	5

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55	The influence of LiDAR pulse density on the precision of inventory metrics in young unthinned Douglas-fir stands during initial and subsequent LiDAR acquisitions. <i>New Zealand Journal of Forestry Science</i> , 2014, 44, .	0.8	20
56	Using seasonal measurements to inform ecophysiology: extracting cardinal growth temperatures for process-based growth models of five <i>Eucalyptus</i> species/crosses from simple field trials. <i>New Zealand Journal of Forestry Science</i> , 2014, 44, .	0.8	9
57	Dense wilding conifer control with aerially applied herbicides in New Zealand. <i>New Zealand Journal of Forestry Science</i> , 2014, 44, 4.	0.8	7
58	Influence of stand and site conditions on the quality of digital elevation models underlying New Zealand forests. <i>New Zealand Journal of Forestry Science</i> , 2013, 43, 5.	0.8	1
59	Modelling variation in <i>Pinus radiata</i> stem volume and outerwood stress-wave velocity from LiDAR metrics. <i>New Zealand Journal of Forestry Science</i> , 2013, 43, 1.	0.8	20
60	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
61	The influence of LiDAR pulse density and plot size on the accuracy of New Zealand plantation stand volume equations. <i>New Zealand Journal of Forestry Science</i> , 2013, 43, 15.	0.8	13
62	Use of LiDAR to estimate stand characteristics for thinning operations in young Douglas-fir plantations. <i>New Zealand Journal of Forestry Science</i> , 2013, 43, 18.	0.8	21
63	The Potential Global Distribution of Tall Buttercup ( <i>Ranunculus acris</i> ssp. <i>acris</i> ): Opposing Effects of Irrigation and Climate Change. <i>Weed Science</i> , 2013, 61, 230-238.	1.5	8
64	Differences in intra-tree variation in spiral grain angle for radiata pine. <i>New Zealand Journal of Forestry Science</i> , 2013, 43, 12.	0.8	6
65	Development of a national model of <i>Pinus radiata</i> stand volume from lidar metrics for New Zealand. <i>International Journal of Remote Sensing</i> , 2013, 34, 5892-5904.	2.9	27
66	Stand variation in <i>Pinus radiata</i> and its relationship with allometric scaling and critical buckling height. <i>Annals of Botany</i> , 2013, 111, 675-680.	2.9	15
67	Development of regional models of <i>Pinus radiata</i> height from GIS spatial data supported with supplementary satellite imagery. <i>New Zealand Journal of Forestry Science</i> , 2013, 43, 11.	0.8	2
68	A potential nutritional modifier for predicting primary productivity of <i>Pinus radiata</i> in New Zealand using a simplified radiation-use efficiency model. <i>Ciencia E Investigacion Agraria</i> , 2013, 40, 361-374.	0.2	0
69	Linking Climate Suitability, Spread Rates and Host-Impact When Estimating the Potential Costs of Invasive Pests. <i>PLoS ONE</i> , 2013, 8, e54861.	2.5	35
70	Key features of the seed germination response to high temperatures. <i>New Phytologist</i> , 2012, 196, 332-336.	7.3	25
71	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.	1.7	17
72	What determines pine naturalization: species traits, climate suitability or forestry use?. <i>Diversity and Distributions</i> , 2012, 18, 1013-1023.	4.1	49

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73	Nitrogen leaching after fertilising young <i>Pinus radiata</i> plantations in New Zealand. <i>Forest Ecology and Management</i> , 2012, 280, 20-30.	3.2	7
74	Use of regression kriging to develop a Carbon:Nitrogen ratio surface for New Zealand. <i>Geoderma</i> , 2012, 183-184, 49-57.	5.1	36
75	Future wood productivity of <i>Pinus radiata</i> in New Zealand under expected climatic changes. <i>Global Change Biology</i> , 2012, 18, 1342-1356.	9.5	36
76	The potential global distribution of the invasive weed <i>Nassella neesiana</i> under current and future climates. <i>Biological Invasions</i> , 2012, 14, 1545-1556.	2.4	37
77	How robust is the Australian Weed Risk Assessment protocol? A test using pine invasions in the Northern and Southern hemispheres. <i>Biological Invasions</i> , 2012, 14, 987-998.	2.4	19
78	The influence of N and P supply and genotype on N remobilization in containerized <i>Pinus radiata</i> plants. <i>Ciencia E Investigacion Agraria</i> , 2012, 39, 505-520.	0.2	1
79	Climate Change and the Potential Global Distribution of Serrated Tussock ( <i>Nassella</i> ) in New Zealand. <i>Biological Invasions</i> , 2012, 14, 987-998.	1.5	19
80	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.	1.7	14
81	Influence of stocking on radial and longitudinal variation in modulus of elasticity, microfibril angle, and density in a 24-year-old <i>Pinus radiata</i> thinning trial. <i>Canadian Journal of Forest Research</i> , 2011, 41, 1422-1431.	1.7	27
82	Potential for <i>Cleopis 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.	3.2	6
83	Predicting the severity of <i>Dothistroma</i> on <i>Pinus radiata</i> under current climate in New Zealand. <i>Forest Ecology and Management</i> , 2011, 261, 1792-1798.	3.2	19
84	Use of a process-based model to describe spatial variation in <i>Pinus radiata</i> productivity in New Zealand. <i>Forest Ecology and Management</i> , 2011, 262, 1008-1019.	3.2	33
85	Maximising biodiversity in plantation forests: Insights from long-term changes in clearfall-sensitive beetles in a <i>Pinus radiata</i> plantation. <i>Biological Conservation</i> , 2011, 144, 2842-2850.	4.1	18
86	Soil C/N influences the carbon flux and partitioning in control and fertilized mini-plots of <i>Pinus radiata</i> in New Zealand. <i>Ciencia E Investigacion Agraria</i> , 2011, 38, 277-289.	0.2	6
87	Using a climatic niche model to predict the direct and indirect impacts of climate change on the distribution of <i>Dothistroma</i> in New Zealand. <i>Global Change Biology</i> , 2011, 17, 3608-3619.	9.5	13
88	Moving beyond simple linear allometric relationships between tree height and diameter. <i>Ecological Modelling</i> , 2011, 222, 3910-3916.	2.5	44
89	Increased risk of pitch canker to Australasia under climate change. <i>Australasian Plant Pathology</i> , 2011, 40, 228-237.	1.0	20
90	<i>Dothistroma</i> needle blight and pitch canker: the current and future potential distribution of two important diseases of <i>Pinus</i> species. <i>Canadian Journal of Forest Research</i> , 2011, 41, 412-424.	1.7	56

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91	Influence of ammonium and nitrate supply on growth, dry matter partitioning, N uptake and photosynthetic capacity of <i>Pinus radiata</i> seedlings. <i>Trees - Structure and Function</i> , 2010, 24, 1097-1107.	1.9	32
92	Using species niche models to inform strategic management of weeds in a changing climate. <i>Biological Invasions</i> , 2010, 12, 3711-3725.	2.4	12
93	Development of a hydrothermal time seed germination model which uses the Weibull distribution to describe base water potential. <i>Ecological Modelling</i> , 2010, 221, 1267-1272.	2.5	27
94	Development of a model describing modulus of elasticity across environmental and stand density gradients in plantation-grown <i>Pinus radiata</i> within New Zealand. <i>Canadian Journal of Forest Research</i> , 2010, 40, 1558-1566.	1.7	21
95	Predicting the severity of Swiss needle cast on Douglas-fir under current and future climate in New Zealand. <i>Forest Ecology and Management</i> , 2010, 260, 2232-2240.	3.2	23
96	Adsorption of the herbicide terbuthylazine across a range of New Zealand forestry soils. <i>Canadian Journal of Forest Research</i> , 2010, 40, 1448-1457.	1.7	14
97	Development of models to predict <i>Pinus radiata</i> productivity throughout New Zealand. <i>Canadian Journal of Forest Research</i> , 2010, 40, 488-499.	1.7	50
98	Determining the main and interactive effect of age and clone on wood density, microfibril angle, and modulus of elasticity for <i>Pinus radiata</i> . <i>Canadian Journal of Forest Research</i> , 2010, 40, 1550-1557.	1.7	15
99	The influence of N and P supply and genotype on carbon flux and partitioning in potted <i>Pinus radiata</i> plants. <i>Tree Physiology</i> , 2009, 29, 857-868.	3.1	16
100	A process-based population dynamics model to explore target and non-target impacts of a biological control agent. <i>Ecological Modelling</i> , 2009, 220, 2035-2050.	2.5	26
101	The Invasive <i>Buddleja davidii</i> (Butterfly Bush). <i>Botanical Review</i> , The, 2009, 75, 292-325.	3.9	41
102	A global climatic risk assessment of pitch canker disease. <i>Canadian Journal of Forest Research</i> , 2009, 39, 2246-2256.	1.7	53
103	The hosts and potential geographic range of <i>Dothistroma</i> needle blight. <i>Forest Ecology and Management</i> , 2009, 257, 1505-1519.	3.2	97
104	Predicting the spatial distribution of <i>Cupressus lusitanica</i> productivity in New Zealand. <i>Forest Ecology and Management</i> , 2009, 258, 217-223.	3.2	23
105	Soil quality relationships with tree growth in exotic forests in New Zealand. <i>Forest Ecology and Management</i> , 2009, 258, 2326-2334.	3.2	20
106	Influence of initial planting spacing and genotype on microfibril angle, wood density, fibre properties and modulus of elasticity in <i>Pinus radiata</i> D. Don corewood. <i>Forest Ecology and Management</i> , 2009, 258, 1924-1931.	3.2	103
107	Effect of stem guying on the incidence of resin pockets. <i>Forest Ecology and Management</i> , 2009, 258, 1913-1917.	3.2	12
108	The influence of nitrogen and phosphorus supply and genotype on mesophyll conductance limitations to photosynthesis in <i>Pinus radiata</i> . <i>Tree Physiology</i> , 2009, 29, 1143-1151.	3.1	50

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109	Improved nutritional status of <i>Cupressus lusitanica</i> when grown adjacent to <i>Pinus radiata</i> . <i>Canadian Journal of Forest Research</i> , 2009, 39, 882-887.	1.7	2
110	Chlorophyll fluorescence response of <i>Pinus radiata</i> clones to nitrogen and phosphorus supply. <i>Ciencia E Investigacion Agraria</i> , 2009, 36, .	0.2	7
111	Modelling the influence of stand structural, edaphic and climatic influences on juvenile <i>Pinus radiata</i> fibre length. <i>Forest Ecology and Management</i> , 2008, 254, 166-177.	3.2	16
112	Modelling the influence of environment and stand characteristics on basic density and modulus of elasticity for young <i>Pinus radiata</i> and <i>Cupressus lusitanica</i> . <i>Forest Ecology and Management</i> , 2008, 255, 1023-1033.	3.2	15
113	Modelling water balance in fertilised and unfertilised <i>Cupressus lusitanica</i> and <i>Pinus radiata</i> grown across an environmental gradient. <i>Forest Ecology and Management</i> , 2008, 255, 1104-1112.	3.2	3
114	Influence of the main and interactive effects of site, stand stocking and clone on <i>Pinus radiata</i> D. Don corewood modulus of elasticity. <i>Forest Ecology and Management</i> , 2008, 255, 3455-3459.	3.2	27
115	Identification of key soil indicators influencing plantation productivity and sustainability across a national trial series in New Zealand. <i>Forest Ecology and Management</i> , 2008, 256, 180-190.	3.2	33
116	The impact of defoliation on nitrogen translocation patterns in the woody invasive plant, <i>Buddleia davidii</i> . <i>Functional Plant Biology</i> , 2008, 35, 462.	2.1	13
117	Partitioning concurrent influences of nitrogen and phosphorus supply on photosynthetic model parameters of <i>Pinus radiata</i> . <i>Tree Physiology</i> , 2007, 27, 335-344.	3.1	30
118	Assessing corewood acoustic velocity and modulus of elasticity with two impact based instruments in 11-year-old trees from a clonal-spacing experiment of <i>Pinus radiata</i> D. Don. <i>Forest Ecology and Management</i> , 2007, 239, 217-221.	3.2	32
119	Relationships between soil and foliar nutrients in young densely planted mini-plots of <i>Pinus radiata</i> and <i>Cupressus lusitanica</i> . <i>Forest Ecology and Management</i> , 2007, 240, 122-130.	3.2	18
120	Influence of tree morphology, genetics, and initial stand density on outerwood modulus of elasticity of 17-year-old <i>Pinus radiata</i> . <i>Forest Ecology and Management</i> , 2007, 244, 86-92.	3.2	33
121	Influence of initial stand density and genotype on longitudinal variation in modulus of elasticity for 17-year-old <i>Pinus radiata</i> . <i>Forest Ecology and Management</i> , 2007, 252, 67-72.	3.2	41
122	Modelling the influence of weed competition on growth of young <i>Pinus radiata</i> . Development and parameterization of a hybrid model across an environmental gradient. <i>Canadian Journal of Forest Research</i> , 2007, 37, 607-616.	1.7	10
123	Ecosystem carbon accretion 10 years after afforestation of depleted subhumid grassland planted with three densities of <i>Pinus nigra</i> . <i>Global Change Biology</i> , 2007, 13, 1414-1422.	9.5	49
124	Modelling the influence of stand structural, edaphic and climatic influences on juvenile <i>Pinus radiata</i> dynamic modulus of elasticity. <i>Forest Ecology and Management</i> , 2006, 229, 136-144.	3.2	61
125	Advances in modelling and decision support systems for vegetation management in young forest plantations. <i>Forestry</i> , 2006, 79, 29-42.	2.3	22
126	Modelling Environmental Variation in Young's Modulus for <i>Pinus radiata</i> and Implications for Determination of Critical Buckling Height. <i>Annals of Botany</i> , 2006, 98, 765-775.	2.9	20

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127	Wood properties of juvenile <i>Pinus radiata</i> growing in the presence and absence of competing understorey vegetation at a dryland site. <i>Trees - Structure and Function</i> , 2005, 19, 580-586.	1.9	23
128	The effects of genotype and spacing on <i>Pinus radiata</i> [D. Don] corewood stiffness in an 11-year old experiment. <i>Forest Ecology and Management</i> , 2005, 205, 375-383.	3.2	76
129	Defining sustainability of plantation forests through identification of site quality indicators influencing productivityâ€”A national view for New Zealand. <i>Forest Ecology and Management</i> , 2005, 216, 51-63.	3.2	42
130	Testing a juvenile tree growth model sensitive to competition from weeds, using <i>Pinus radiata</i> at two contrasting sites in New Zealand. <i>Canadian Journal of Forest Research</i> , 2004, 34, 1985-1992.	1.7	20
131	Modelling the influence of weed competition on the growth of young <i>Pinus radiata</i> at a dryland site. <i>Forest Ecology and Management</i> , 2003, 178, 271-286.	3.2	44
132	The influence of weed competition for light and water on growth and dry matter partitioning of young <i>Pinus radiata</i> , at a dryland site. <i>Forest Ecology and Management</i> , 2003, 183, 363-376.	3.2	70
133	Above-ground biomass accumulation and nitrogen fixation of broom ( <i>Cytisus scoparius</i> L.) growing with juvenile <i>Pinus radiata</i> on a dryland site. <i>Forest Ecology and Management</i> , 2003, 184, 93-104.	3.2	46
134	Suppression by three grass species of broom seedling emergence and survival. <i>New Zealand Plant Protection</i> , 0, 71, 57-65.	0.3	2