

Michael Newton

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,309
citations

257450

24
h-index

214800

47
g-index

65
all docs

65
docs citations

65
times ranked

2128
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dioxide exchange of <i>Alnus rubra</i> . <i>Oecologia</i> , 1974, 17, 281-291.	2.0	696
2	Roots growing in rock fissures: Their morphological adaptation. <i>Plant and Soil</i> , 1995, 172, 181-187.	3.7	90
3	Salmonberry Clonal and Population Structure: The Basis for a Persistent Cover. <i>Ecology</i> , 1991, 72, 609-618.	3.2	84
4	Fate of glyphosate in an Oregon forest ecosystem. <i>Journal of Agricultural and Food Chemistry</i> , 1984, 32, 1144-1151.	5.2	82
5	The role of herbicides for enhancing forest productivity and conserving land for biodiversity in North America. <i>Wildlife Society Bulletin</i> , 2004, 32, 1028-1041.	1.6	75
6	Fifth-year responses of Douglas-fir to crowding and nonconiferous competition. <i>Canadian Journal of Forest Research</i> , 1987, 17, 181-186.	1.7	70
7	Dissipation of Glyphosate and Aminomethylphosphonic Acid in North American Forests. <i>Journal of Agricultural and Food Chemistry</i> , 1994, 42, 1795-1802.	5.2	68
8	Growth and Water Relations of Douglas Fir (<i>Pseudotsuga menziesii</i>) Seedlings under Different Weed Control Regimes. <i>Weed Science</i> , 1988, 36, 653-662.	1.5	64
9	Influence of Streamside Cover and Stream Features on Temperature Trends in Forested Streams of Western Oregon. <i>Western Journal of Applied Forestry</i> , 1999, 14, 106-113.	0.5	61
10	Environmental fate and bioavailability of agent orange and its associated dioxin during the vietnam war. <i>Environmental Science and Pollution Research</i> , 2004, 11, 359-370.	5.3	55
11	Detection of Virgin Olive Oil Adulteration Using Low Field Unilateral NMR. <i>Sensors</i> , 2014, 14, 2028-2035.	3.8	55
12	Seasonal pattern of water depletion from soil-rock profiles in a Mediterranean climate in southwestern Oregon. <i>Canadian Journal of Forest Research</i> , 1996, 26, 1346-1352.	1.7	50
13	A Sustained-Yield Scheme for Old-Growth Douglas-fir. <i>Western Journal of Applied Forestry</i> , 1987, 2, 22-25.	0.5	42
14	The correlation between the loss of chromosome 14q with histologic tumor grade, pathologic stage, and outcome of patients with nonpapillary renal cell carcinoma. , 1996, 77, 1154-1160.		42
15	Nutrient, moisture, and light relations in 5-year-old Douglas-fir plantations under variable competition. <i>Canadian Journal of Forest Research</i> , 1986, 16, 727-732.	1.7	39
16	Cavity-Nester Habitat Development in Artificially Made Douglas-Fir Snags. <i>Journal of Wildlife Management</i> , 2002, 66, 625.	1.8	39
17	Response of Small Mammals to Clearcutting, Burning, and Glyphosate Application in the Oregon Coast Range. <i>Journal of Wildlife Management</i> , 1998, 62, 1207.	1.8	37
18	Acute toxic hazard evaluations of glyphosate herbicide on terrestrial vertebrates of the oregon coast range. <i>Environmental Science and Pollution Research</i> , 2008, 15, 266-272.	5.3	36

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19	Why is the productivity of Douglas-fir higher in New Zealand than in its native range in the Pacific Northwest, USA?. <i>Forest Ecology and Management</i> , 2008, 255, 4040-4046.	3.2	36
20	Underplanted conifer seedling survival and growth in thinned Douglas-fir stands. <i>Canadian Journal of Forest Research</i> , 2001, 31, 302-312.	1.7	35
21	Influence of streamside buffers on stream temperature response following clear-cut harvesting in western Oregon. <i>Canadian Journal of Forest Research</i> , 2013, 43, 993-1005.	1.7	35
22	Browse Availability after Conifer Release in Maine's Spruce-Fir Forests. <i>Journal of Wildlife Management</i> , 1989, 53, 643.	1.8	30
23	Young Spruce-Fir Forests Released by Herbicides II. Conifer Response to Residual Hardwoods and Overstocking. <i>Northern Journal of Applied Forestry</i> , 1992, 9, 130-135.	0.5	29
24	Effects of competing vegetation on juvenile white spruce (<i>Picea glauca</i> (Moench) Voss) growth in Alaska. <i>Annals of Forest Science</i> , 2003, 60, 573-583.	2.0	28
25	Soil water dynamics and water use in a western juniper (<i>Juniperus occidentalis</i>) woodland. <i>Journal of Arid Environments</i> , 2014, 102, 117-126.	2.4	27
26	Response of Amphibians to Clearcutting, Burning, and Glyphosate Application in the Oregon Coast Range. <i>Journal of Wildlife Management</i> , 1997, 61, 656.	1.8	25
27	Competitive interactions of whiteleaf manzanita, herbs, Douglas-fir, and ponderosa pine in southwest Oregon. <i>Canadian Journal of Forest Research</i> , 1989, 19, 232-238.	1.7	24
28	Survival and Growth of Douglas-Fir Relating to Weeding, Fertilization, and Seed Source. <i>Western Journal of Applied Forestry</i> , 1996, 11, 62-69.	0.5	24
29	Long overlooked historical information on agent orange and TCDD following massive applications of 2,4,5-t-containing herbicides, eglin air force base, sFlorida. <i>Environmental Science and Pollution Research</i> , 2004, 11, 209-221.	5.3	23
30	Forest weeding reduces the effect of deer-browsing on Douglas fir. <i>Forest Ecology and Management</i> , 1990, 36, 177-185.	3.2	20
31	A comparison of overstory density measures for describing understory conifer growth. <i>Forest Ecology and Management</i> , 2001, 152, 149-157.	3.2	18
32	Role of lammas growth in recovery of Douglas-fir seedlings from deer browsing, as influenced by weed control, fertilization, and seed source. <i>Canadian Journal of Forest Research</i> , 1996, 26, 936-944.	1.7	17
33	Exposure of forest herbivores to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in areas sprayed with 2,4,5-T. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1978, 20, 743-750.	2.7	16
34	Young Spruce-Fir Forests Released by Herbicides I. Response of Hardwoods and Shrubs. <i>Northern Journal of Applied Forestry</i> , 1992, 9, 126-130.	0.5	16
35	Tenth-year survival and size of underplanted seedlings in the Oregon Coast Range. <i>Canadian Journal of Forest Research</i> , 2009, 39, 580-595.	1.7	16
36	Understory vegetation dynamics 15 years post-thinning in 50-year-old Douglas-fir and Douglas-fir/western hemlock stands in western Oregon, USA. <i>Forest Ecology and Management</i> , 2017, 384, 358-370.	3.2	15

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37	Branch diameter and longevity linked to plantation spacing and rectangularity in young Douglas-fir. <i>Forest Ecology and Management</i> , 2012, 266, 75-82.	3.2	14
38	Biotic injuries on conifer seedlings planted in forest understory environments. <i>New Forests</i> , 2002, 24, 1-14.	1.7	13
39	Harvesting Impacts on Understory Regeneration in Two-Storied Douglas-Fir Stands. <i>Western Journal of Applied Forestry</i> , 2006, 21, 14-18.	0.5	13
40	Varying densities of Pacific madrone in a young stand in Oregon alter soil water-potential, plant moisture stress, and growth of Douglas fir. <i>Forest Ecology and Management</i> , 1990, 37, 267-283.	3.2	12
41	Regulating riparian forests for aquatic productivity in the Pacific Northwest, USA: addressing a paradox. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1149-1157.	5.3	12
42	Assessment of potential exposure to agent orange and its associated TCDD. <i>Environmental Science and Pollution Research</i> , 2004, 11, 347-348.	5.3	11
43	Taking charge in forest vegetation management. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2357-2363.	1.7	11
44	Scolytid and Buprestid Mortality in Ponderosa Pines Injected with Organic Arsenicals ¹²³ . <i>Journal of Economic Entomology</i> , 1971, 64, 952-958.	1.8	10
45	Nutrient loss from disturbed forest watersheds in Oregon's coast range. <i>Agro-Ecosystems</i> , 1983, 8, 153-167.	0.2	10
46	Relationship of Pacific Madrone Sprout Growth to Productivity of Douglas-Fir Seedlings and Understory Vegetation. <i>Western Journal of Applied Forestry</i> , 1990, 5, 20-24.	0.5	10
47	Twenty-six-year response of ponderosa pine and Douglas-fir plantations to woody competitor density in treated stands of madrone and whiteleaf manzanita. <i>Forest Ecology and Management</i> , 2008, 256, 410-420.	3.2	10
48	Survival and growth response of white spruce stock types to site preparation in Alaska. <i>Canadian Journal of Forest Research</i> , 2011, 41, 793-809.	1.7	10
49	Abundance of natural regeneration and growth comparisons with planted seedlings 10–13 years after commercial thinning in 50-year-old Douglas-fir, Douglas-fir/western hemlock, Oregon Coast Range. <i>Forest Ecology and Management</i> , 2013, 292, 96-110.	3.2	9
50	The story of 2,4,5-t: A case study of science and societal concerns. <i>Environmental Science and Pollution Research</i> , 2004, 11, 207-208.	5.3	7
51	Biomass and Leaf-Area Estimates for Varnishleaf Ceanothus, Deerbrush, and Whiteleaf Manzanita. <i>Western Journal of Applied Forestry</i> , 1987, 2, 124-128.	0.5	6
52	Benefits of Triazine Herbicides in the Production of Ornamentals and Conifer Trees. , 2008, , 225-234.		4
53	Eight-year performance of bareroot Douglas-fir and bareroot and plug western larch Seedlings following herbicide applications, northeast Oregon, USA. <i>New Forests</i> , 2018, 49, 791-814.	1.7	4
54	Release of Picloram from Roots*. <i>Weed Research</i> , 1972, 12, 391-394.	1.7	3

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55	Survival and growth of five species of Pinus seedlings after different approaches to competition control: bridging studies between Oregon and Mexico. <i>New Forests</i> , 1991, 5, 219-238.	1.7	3
56	Fluorescent In Situ Hybridization Evaluation of p53 Gene Deletions at a Tumor Interface of Lingual Carcinoma. <i>Laryngoscope</i> , 2000, 110, 1474-1478.	2.0	3
57	More on peer review: quality control for a costly product. <i>Environmental Science and Pollution Research</i> , 2008, 15, 439-442.	5.3	3
58	Vegetation Control and Soil Moisture Depletion Related to Herbicide Treatments on Forest Plantations in Northeastern Oregon. <i>Weed Technology</i> , 2018, 32, 461-474.	0.9	3
59	Response Surface Analysis of Control of Red Alder and Vine Maple with Glyphosate-Imazapyr and Triclopyr-Imazapyr. <i>Western Journal of Applied Forestry</i> , 1995, 10, 127-132.	0.5	2
60	Enhancing Riparian Habitat for Fish, Wildlife, and Timber in Managed Forests. <i>Weed Technology</i> , 1996, 10, 429-438.	0.9	2
61	Magnetic Resonance Sensors. <i>Sensors</i> , 2014, 14, 21722-21725.	3.8	2
62	Plant Water Stress and Soil Depletion in Variable-Density, Red Alder/Western Hemlock Coastal Oregon Plantations. <i>Forest Science</i> , 2020, 66, 304-313.	1.0	2
63	Use of growth curve derivatives to illustrate acceleration and deceleration of growth in young plantations under variable competition. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2515-2522.	1.7	1
64	Potential Exposure of Humans to 2,4,5-T and TCDD in the Oregon Coast Ranges. <i>Toxicological Sciences</i> , 1981, 1, 339-346.	3.1	0
65	Ecology and Growth of Whiteleaf Manzanita Within A Ponderosa Pine Plantation in Southwest Oregon. <i>Madroño</i> , 2009, 56, 238-245.	0.4	0