

Deborah S Page-Dumroese

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,312
citations

257450

24
h-index

233421

45
g-index

87
all docs

87
docs citations

87
times ranked

2205
citing authors

#	ARTICLE	IF	CITATIONS
1	The North American long-term soil productivity experiment: Findings from the first decade of research. <i>Forest Ecology and Management</i> , 2005, 220, 31-50.	3.2	287
2	Comparison of Methods for Determining Bulk Densities of Rocky Forest Soils. <i>Soil Science Society of America Journal</i> , 1999, 63, 379-383.	2.2	140
3	Soil physical property changes at the North American Long-Term Soil Productivity study sites: 1 and 5 years after compaction. <i>Canadian Journal of Forest Research</i> , 2006, 36, 551-564.	1.7	136
4	Effects of organic matter removal, soil compaction and vegetation control on 10th year biomass and foliar nutrition: LTSP continent-wide comparisons. <i>Forest Ecology and Management</i> , 2012, 278, 35-54.	3.2	107
5	Soil compaction associated with cut-to-length and whole-tree harvesting of a coniferous forest. <i>Canadian Journal of Forest Research</i> , 2009, 39, 976-989.	1.7	103
6	Effects of organic matter removal, soil compaction, and vegetation control on 5-year seedling performance: a regional comparison of Long-Term Soil Productivity sites. <i>Canadian Journal of Forest Research</i> , 2006, 36, 529-550.	1.7	97
7	Wood strength loss as a measure of decomposition in northern forest mineral soil. <i>European Journal of Soil Biology</i> , 2006, 42, 23-31.	3.2	74
8	THE CONTRIBUTION OF RED WOOD ANTS TO SOIL C AND N POOLS AND CO ₂ EMISSIONS IN SUBALPINE FORESTS. <i>Ecology</i> , 2005, 86, 419-430.	3.2	71
9	Exponential fertilization of <i>Pinus monticola</i> seedlings: nutrient uptake efficiency, leaching fractions, and early outplanting performance. <i>Canadian Journal of Forest Research</i> , 2005, 35, 2961-2967.	1.7	66
10	A Comparison of Producer Gas, Biochar, and Activated Carbon from Two Distributed Scale Thermochemical Conversion Systems Used to Process Forest Biomass. <i>Energies</i> , 2013, 6, 164-183.	3.1	65
11	Soil quality standards and guidelines for forest sustainability in northwestern North America. <i>Forest Ecology and Management</i> , 2000, 138, 445-462.	3.2	62
12	Maintaining Soil Productivity during Forest or Biomass-to-Energy Thinning Harvests in the Western United States. <i>Western Journal of Applied Forestry</i> , 2010, 25, 5-11.	0.5	61
13	Effects of organic matter removal and soil compaction on fifth-year mineral soil carbon and nitrogen contents for sites across the United States and Canada. <i>Canadian Journal of Forest Research</i> , 2006, 36, 565-576.	1.7	52
14	Impacts of soil compaction and tree stump removal on soil properties and outplanted seedlings in northern Idaho, USA. <i>Canadian Journal of Soil Science</i> , 1998, 78, 29-34.	1.2	47
15	Soil carbon and nitrogen pools in mid- to late-successional forest stands of the northwestern United States: potential impact of fire. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2270-2284.	1.7	45
16	Phosphorus Translocation by Red Deer on a Subalpine Grassland in the Central European Alps. <i>Ecosystems</i> , 2006, 9, 624-633.	3.4	39
17	Soil greenhouse gas, carbon content, and tree growth response to biochar amendment in western United States forests. <i>GCB Bioenergy</i> , 2019, 11, 660-671.	5.6	39
18	Aboveground vertebrate and invertebrate herbivore impact on net N mineralization in subalpine grasslands. <i>Ecology</i> , 2015, 96, 3312-3322.	3.2	38

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19	Long-term development of above- and below-ground carbon stocks following land-use change in subalpine ecosystems of the Swiss National Park. <i>Canadian Journal of Forest Research</i> , 2008, 38, 1590-1602.	1.7	36
20	Effects of forest harvesting and biomass removal on soil carbon and nitrogen: Two complementary meta-analyses. <i>Forest Ecology and Management</i> , 2021, 485, 118935.	3.2	36
21	Do changes in soil properties after rooting by wild boars (<i>Sus scrofa</i>) affect understory vegetation in Swiss hardwood forests?. <i>Canadian Journal of Forest Research</i> , 2012, 42, 585-592.	1.7	35
22	Early forest thinning changes aboveground carbon distribution among pools, but not total amount. <i>Forest Ecology and Management</i> , 2017, 389, 187-198.	3.2	31
23	Grubbing by wild boars (<i>Sus scrofa</i> L.) and its impact on hardwood forest soil carbon dioxide emissions in Switzerland. <i>Oecologia</i> , 2010, 164, 773-784.	2.0	30
24	Characterization of Fast Pyrolysis Products Generated from Several Western USA Woody Species. <i>Energy & Fuels</i> , 2014, 28, 6438-6446.	5.1	30
25	Linkages between grazing history and herbivore exclusion on decomposition rates in mineral soils of subalpine grasslands. <i>Plant and Soil</i> , 2014, 374, 579-591.	3.7	25
26	Can biochar be used as a seed coating to improve native plant germination and growth in arid conditions?. <i>Journal of Arid Environments</i> , 2016, 125, 8-15.	2.4	25
27	A detrimental soil disturbance prediction model for ground-based timber harvesting. <i>Canadian Journal of Forest Research</i> , 2012, 42, 821-830.	1.7	23
28	Methods to Reduce Forest Residue Volume after Timber Harvesting and Produce Black Carbon. <i>Scientifica</i> , 2017, 2017, 1-8.	1.7	22
29	Using Organic Amendments to Restore Soil Physical and Chemical Properties of a Mine Site in Northeastern Oregon, USA. <i>Applied Engineering in Agriculture</i> , 2018, 34, 43-55.	0.7	22
30	Assessing Bioenergy Harvest Risks: Geospatially Explicit Tools for Maintaining Soil Productivity in Western US Forests. <i>Forests</i> , 2011, 2, 797-813.	2.1	21
31	Biochar Can Be a Suitable Replacement for Sphagnum Peat in Nursery Production of <i>Pinus ponderosa</i> Seedlings. <i>Forests</i> , 2018, 9, 232.	2.1	21
32	Woody biochar potential for abandoned mine land restoration in the U.S.: a review. <i>Biochar</i> , 2021, 3, 7-22.	12.6	20
33	Initial turnover rates of two standard wood substrates following land-use change in subalpine ecosystems in the Swiss Alps. <i>Canadian Journal of Forest Research</i> , 2013, 43, 901-910.	1.7	19
34	Title is missing!. <i>Plant and Soil</i> , 1997, 188, 107-117.	3.7	18
35	Contribution of actinorhizal shrubs to site fertility in a Northern California mixed pine forest. <i>Forest Ecology and Management</i> , 2007, 244, 68-75.	3.2	17
36	Role of soil texture, clay mineralogy, location, and temperature in coarse wood decomposition—a mesocosm experiment. <i>Ecosphere</i> , 2016, 7, e01605.	2.2	16

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37	Effect of forest thinning and wood quality on the short-term wood decomposition rate in a <i>Pinus tabulaeformis</i> plantation. <i>Journal of Plant Research</i> , 2018, 131, 897-905.	2.4	16
38	Long-term effects on distribution of forest biomass following different harvesting levels in the northern Rocky Mountains. <i>Forest Ecology and Management</i> , 2015, 358, 281-290.	3.2	15
39	Wildfire alters belowground and surface wood decomposition on two national forests in Montana, USA. <i>International Journal of Wildland Fire</i> , 2019, 28, 456.	2.4	15
40	Assessment of topsoil disturbance caused by different skidding machine types beyond the margins of the machine operating trail. <i>Geoderma</i> , 2020, 367, 114238.	5.1	15
41	Modeling unconfined compressive strength of fine-grained soils: Application of pocket penetrometer for predicting soil strength. <i>Catena</i> , 2021, 196, 104890.	5.0	15
42	Soil Changes and Tree Seedling Response Associated with Site Preparation in Northern Idaho. <i>Western Journal of Applied Forestry</i> , 1997, 12, 81-88.	0.5	14
43	Estimating Carbon and Nitrogen Pools in a Forest Soil: Influence of Soil Bulk Density Methods and Rock Content. <i>Soil Science Society of America Journal</i> , 2017, 81, 1689-1696.	2.2	14
44	Idaho forest growth response to post-thinning energy biomass removal and complementary soil amendments. <i>GCB Bioenergy</i> , 2018, 10, 246-261.	5.6	14
45	Soil Enzyme Activities in <i>Pinus tabulaeformis</i> (Carr's) Plantations in Northern China. <i>Forests</i> , 2016, 7, 112.	2.1	13
46	Long-Term Soil Changes from Forest Harvesting and Residue Management in the Northern Rocky Mountains. <i>Soil Science Society of America Journal</i> , 2016, 80, 727-741.	2.2	13
47	Wood Bioenergy and Soil Productivity Research. <i>Bioenergy Research</i> , 2016, 9, 507-517.	3.9	12
48	Amount and Location of Damage to Residual Trees from Cut-to-Length Thinning Operations in a Young Redwood Forest in Northern California. <i>Forests</i> , 2018, 9, 352.	2.1	12
49	Allometry, nitrogen status, and carbon stable isotope composition of <i>Pinus ponderosa</i> seedlings in two growing media with contrasting nursery irrigation regimes. <i>Canadian Journal of Forest Research</i> , 2011, 41, 1091-1101.	1.7	11
50	Recovery and diversity of the forest shrub community 38 years after biomass harvesting in the northern Rocky Mountains. <i>Biomass and Bioenergy</i> , 2016, 92, 88-97.	5.7	10
51	Restoration thinning impacts surface and belowground wood decomposition. <i>Forest Ecology and Management</i> , 2019, 449, 117451.	3.2	10
52	Soil compaction from cut-to-length thinning operations in young redwood forests in northern California. <i>Canadian Journal of Forest Research</i> , 2020, 50, 185-192.	1.7	9
53	Bumble bee (Hymenoptera: Apidae) community structure on two sagebrush steppe sites in southern Idaho. <i>Pan-Pacific Entomologist</i> , 2011, 87, 161-171.	0.2	6
54	Examining soil parent material influence over Douglas-fir stem growth response to fertilization: Taking advantage of information from spatiotemporally distributed experiments. <i>Forest Ecology and Management</i> , 2012, 286, 101-107.	3.2	6

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55	Wood-colonizing fungal community response to forest restoration thinnings in a <i>Pinus tabuliformis</i> plantation in northern China. <i>Forest Ecology and Management</i> , 2020, 476, 118459.	3.2	6
56	Wood Decomposition After an Aerial Application of Hydromulch Following Wildfire in a Southern California Chaparral Shrubland. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	2.3	6
57	Decomposition of wood stakes in the Pacific Northwest after soil compaction and organic matter removal. <i>Forest Ecology and Management</i> , 2021, 494, 119362.	3.2	6
58	Productivity and Soil Properties 45 Years After Timber Harvest and Mechanical Site Preparation in Western Montana. <i>Western Journal of Applied Forestry</i> , 2013, 28, 158-165.	0.5	5
59	Mosaic stunting in bareroot <i>Pinus banksiana</i> seedlings is unrelated to colonization by mycorrhizal fungi. <i>New Forests</i> , 2014, 45, 893-903.	1.7	5
60	Comparison of Heat Transfer and Soil Impacts of Air Curtain Burner Burning and Slash Pile Burning. <i>Forests</i> , 2017, 8, 297.	2.1	5
61	Modelling the management of forest ecosystems: Importance of wood decomposition. <i>Natural Resource Modelling</i> , 2018, 31, .	2.0	5
62	Traffic-Induced Changes and Processes in Forest Road Aggregate Particle-Size Distributions. <i>Forests</i> , 2018, 9, 181.	2.1	5
63	Bedding of Wetland Soil: Effects of Bed Height and Termite Activity on Wood Decomposition. <i>Soil Science Society of America Journal</i> , 2019, 83, S218.	2.2	5
64	Coarse woody debris decomposition assessment tool: Model development and sensitivity analysis. <i>PLoS ONE</i> , 2021, 16, e0251893.	2.5	5
65	An Approach for Modeling and Quantifying Traffic-Induced Processes and Changes in Forest Road Aggregate Particle-Size Distributions. <i>Forests</i> , 2019, 10, 769.	2.1	4
66	Wood stake decomposition twenty years after organic matter removal at the Lake States LTSP sites. <i>Forest Ecology and Management</i> , 2021, 496, 119456.	3.2	4
67	The Long-Term soil productivity study after three decades. <i>Forest Ecology and Management</i> , 2021, 497, 119531.	3.2	4
68	Soil Management and Restoration. , 2020, , 145-167.		4
69	An alternative method for determining particle-size distribution of forest road aggregate and soil with large-sized particles. <i>Canadian Journal of Forest Research</i> , 2014, 44, 101-105.	1.7	3
70	Negligible impacts of biomass removal on Douglas-fir growth 29 years after outplanting in the northern Rocky Mountains. <i>Biomass and Bioenergy</i> , 2018, 108, 236-243.	5.7	3
71	Sustaining forest soil quality and productivity. , 2021, , 63-93.		3
72	Controls of Initial Wood Decomposition on and in Forest Soils Using Standard Material. <i>Frontiers in Forests and Global Change</i> , 2022, 5, .	2.3	3

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73	Vegetative and Edaphic Responses in a Northern Mixed Conifer Forest Three Decades after Harvest and Fire: Implications for Managing Regeneration and Carbon and Nitrogen Pools. <i>Forests</i> , 2020, 11, 1040.	2.1	2
74	Coarse Woody Debris Decomposition Assessment Tool: Model validation and application. <i>PLoS ONE</i> , 2021, 16, e0254408.	2.5	2
75	Fifteen-year tree growth on standard long-term soil productivity trials and various adjacent amelioration treatments at Interior Cedar-Hemlock sites in southeastern British Columbia and northern Idaho. <i>Forest Ecology and Management</i> , 2021, 499, 119559.	3.2	2
76	Effect of nursery storage and site preparation techniques on field performance of high-elevation <i>Pinus contorta</i> seedlings. <i>Forest Ecology and Management</i> , 2008, 256, 2065-2072.	3.2	1
77	Long-Term Regeneration Responses to Overstory Retention and Understory Vegetation Treatments in the Northern Rocky Mountains. <i>Forest Science</i> , 2017, 63, 136-146.	1.0	1
78	Biochar as a Soil Amendment: Reduction in Mercury Transport from Hydraulic Mine Debris. <i>Energies</i> , 2021, 14, 6468.	3.1	0
79	Bend, Oregon's Unlikely Path to Class "B" Biosolids. <i>Proceedings of the Water Environment Federation</i> , 2016, 2016, 425-441.	0.0	0