

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
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233421

45
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87
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87
docs citations

87
times ranked

2205
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Sustaining forest soil quality and productivity. , 2021, , 63-93.		3
4	Woody biochar potential for abandoned mine land restoration in the U.S.: a review. <i>Biochar</i> , 2021, 3, 7-22.	12.6	20
5	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
6	Coarse woody debris decomposition assessment tool: Model development and sensitivity analysis. <i>PLoS ONE</i> , 2021, 16, e0251893.	2.5	5
7	Coarse Woody Debris Decomposition Assessment Tool: Model validation and application. <i>PLoS ONE</i> , 2021, 16, e0254408.	2.5	2
8	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
9	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
10	The Long-Term soil productivity study after three decades. <i>Forest Ecology and Management</i> , 2021, 497, 119531.	3.2	4
11	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
12	Biochar as a Soil Amendment: Reduction in Mercury Transport from Hydraulic Mine Debris. <i>Energies</i> , 2021, 14, 6468.	3.1	0
13	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
14	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
15	Wood-colonizing fungal community response to forest restoration thinnings in a <i>Pinus tabulaeformis</i> plantation in northern China. <i>Forest Ecology and Management</i> , 2020, 476, 118459.	3.2	6
16	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
17	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
18	Soil Management and Restoration. , 2020, , 145-167.		4

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19	Bedding of Wetland Soil: Effects of Bed Height and Termite Activity on Wood Decomposition. Soil Science Society of America Journal, 2019, 83, S218.	2.2	5
20	Restoration thinning impacts surface and belowground wood decomposition. Forest Ecology and Management, 2019, 449, 117451.	3.2	10
21	An Approach for Modeling and Quantifying Traffic-Induced Processes and Changes in Forest Road Aggregate Particle-Size Distributions. Forests, 2019, 10, 769.	2.1	4
22	Wildfire alters belowground and surface wood decomposition on two national forests in Montana, USA. International Journal of Wildland Fire, 2019, 28, 456.	2.4	15
23	Soil greenhouse gas, carbon content, and tree growth response to biochar amendment in western United States forests. GCB Bioenergy, 2019, 11, 660-671.	5.6	39
24	Idaho forest growth response to post-thinning energy biomass removal and complementary soil amendments. GCB Bioenergy, 2018, 10, 246-261.	5.6	14
25	Negligible impacts of biomass removal on Douglas-fir growth 29 years after outplanting in the northern Rocky Mountains. Biomass and Bioenergy, 2018, 108, 236-243.	5.7	3
26	Modelling the management of forest ecosystems: Importance of wood decomposition. Natural Resource Modelling, 2018, 31, .	2.0	5
27	Effect of forest thinning and wood quality on the short-term wood decomposition rate in a Pinus tabuliformis plantation. Journal of Plant Research, 2018, 131, 897-905.	2.4	16
28	Using Organic Amendments to Restore Soil Physical and Chemical Properties of a Mine Site in Northeastern Oregon, USA. Applied Engineering in Agriculture, 2018, 34, 43-55.	0.7	22
29	Biochar Can Be a Suitable Replacement for Sphagnum Peat in Nursery Production of Pinus ponderosa Seedlings. Forests, 2018, 9, 232.	2.1	21
30	Traffic-Induced Changes and Processes in Forest Road Aggregate Particle-Size Distributions. Forests, 2018, 9, 181.	2.1	5
31	Amount and Location of Damage to Residual Trees from Cut-to-Length Thinning Operations in a Young Redwood Forest in Northern California. Forests, 2018, 9, 352.	2.1	12
32	Early forest thinning changes aboveground carbon distribution among pools, but not total amount. Forest Ecology and Management, 2017, 389, 187-198.	3.2	31
33	Estimating Carbon and Nitrogen Pools in a Forest Soil: Influence of Soil Bulk Density Methods and Rock Content. Soil Science Society of America Journal, 2017, 81, 1689-1696.	2.2	14
34	Comparison of Heat Transfer and Soil Impacts of Air Curtain Burner Burning and Slash Pile Burning. Forests, 2017, 8, 297.	2.1	5
35	Methods to Reduce Forest Residue Volume after Timber Harvesting and Produce Black Carbon. Scientifica, 2017, 2017, 1-8.	1.7	22
36	Long-Term Regeneration Responses to Overstory Retention and Understory Vegetation Treatments in the Northern Rocky Mountains. Forest Science, 2017, 63, 136-146.	1.0	1

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37	Soil Enzyme Activities in Pinus tabuliformis (CarriÃ©re) Plantations in Northern China. <i>Forests</i> , 2016, 7, 112.	2.1	13
38	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
39	Role of soil texture, clay mineralogy, location, and temperature in coarse wood decompositionâ€”a mesocosm experiment. <i>Ecosphere</i> , 2016, 7, e01605.	2.2	16
40	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
41	Wood Bioenergy and Soil Productivity Research. <i>Bioenergy Research</i> , 2016, 9, 507-517.	3.9	12
42	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
43	Bend, Oregonâ€™s Unlikely Path to Class â€œAâ€ Biosolids. <i>Proceedings of the Water Environment Federation</i> , 2016, 2016, 425-441.	0.0	0
44	Aboveground vertebrate and invertebrate herbivore impact on net N mineralization in subalpine grasslands. <i>Ecology</i> , 2015, 96, 3312-3322.	3.2	38
45	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
46	Mosaic stunting in bareroot Pinus banksiana seedlings is unrelated to colonization by mycorrhizal fungi. <i>New Forests</i> , 2014, 45, 893-903.	1.7	5
47	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
48	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
49	Characterization of Fast Pyrolysis Products Generated from Several Western USA Woody Species. <i>Energy & Fuels</i> , 2014, 28, 6438-6446.	5.1	30
50	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
51	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
52	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
53	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
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	Do changes in soil properties after rooting by wild boars (<i>Sus scrofa</i>) affect understory vegetation in Swiss hardwood forests?. Canadian Journal of Forest Research, 2012, 42, 585-592.	1.7	35
56	Effects of organic matter removal, soil compaction and vegetation control on 10th year biomass and foliar nutrition: LTSP continent-wide comparisons. Forest Ecology and Management, 2012, 278, 35-54.	3.2	107
57	Bumble bee (Hymenoptera: Apidae) community structure on two sagebrush steppe sites in southern Idaho. Pan-Pacific Entomologist, 2011, 87, 161-171.	0.2	6
58	Assessing Bioenergy Harvest Risks: Geospatially Explicit Tools for Maintaining Soil Productivity in Western US Forests. Forests, 2011, 2, 797-813.	2.1	21
59	Allometry, nitrogen status, and carbon stable isotope composition of <i>Pinus ponderosa</i> seedlings in two growing media with contrasting nursery irrigation regimes. Canadian Journal of Forest Research, 2011, 41, 1091-1101.	1.7	11
60	Grubbing by wild boars (<i>Sus scrofa</i> L.) and its impact on hardwood forest soil carbon dioxide emissions in Switzerland. Oecologia, 2010, 164, 773-784.	2.0	30
61	Maintaining Soil Productivity during Forest or Biomass-to-Energy Thinning Harvests in the Western United States. Western Journal of Applied Forestry, 2010, 25, 5-11.	0.5	61
62	Soil compaction associated with cut-to-length and whole-tree harvesting of a coniferous forest. Canadian Journal of Forest Research, 2009, 39, 976-989.	1.7	103
63	Effect of nursery storage and site preparation techniques on field performance of high-elevation <i>Pinus contorta</i> seedlings. Forest Ecology and Management, 2008, 256, 2065-2072.	3.2	1
64	Long-term development of above- and below-ground carbon stocks following land-use change in subalpine ecosystems of the Swiss National Park. Canadian Journal of Forest Research, 2008, 38, 1590-1602.	1.7	36
65	Contribution of actinorhizal shrubs to site fertility in a Northern California mixed pine forest. Forest Ecology and Management, 2007, 244, 68-75.	3.2	17
66	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. Canadian Journal of Forest Research, 2006, 36, 565-576.	1.7	52
67	Wood strength loss as a measure of decomposition in northern forest mineral soil. European Journal of Soil Biology, 2006, 42, 23-31.	3.2	74
68	Phosphorus Translocation by Red Deer on a Subalpine Grassland in the Central European Alps. Ecosystems, 2006, 9, 624-633.	3.4	39
69	Soil physical property changes at the North American Long-Term Soil Productivity study sites: 1 and 5 years after compaction. Canadian Journal of Forest Research, 2006, 36, 551-564.	1.7	136
70	Soil carbon and nitrogen pools in mid- to late-successional forest stands of the northwestern United States: potential impact of fire. Canadian Journal of Forest Research, 2006, 36, 2270-2284.	1.7	45
71	Effects of organic matter removal, soil compaction, and vegetation control on 5-year seedling performance: a regional comparison of Long-Term Soil Productivity sites. Canadian Journal of Forest Research, 2006, 36, 529-550.	1.7	97
72	THE CONTRIBUTION OF RED WOOD ANTS TO SOIL C AND N POOLS AND CO ₂ EMISSIONS IN SUBALPINE FORESTS. Ecology, 2005, 86, 419-430.	3.2	71

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73	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
74	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
75	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
76	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
77	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
78	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
79	Title is missing!. <i>Plant and Soil</i> , 1997, 188, 107-117.	3.7	18