

Caren Dymond

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

3,841
citations

430874

18
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

4587
citing authors

#	ARTICLE	IF	CITATIONS
1	Mountain pine beetle and forest carbon feedback to climate change. <i>Nature</i> , 2008, 452, 987-990.	27.8	1,582
2	Risk of natural disturbances makes future contribution of Canada's forests to the global carbon cycle highly uncertain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1551-1555.	7.1	431
3	CBM-CFS3: A model of carbon-dynamics in forestry and land-use change implementing IPCC standards. <i>Ecological Modelling</i> , 2009, 220, 480-504.	2.5	403
4	Surveying mountain pine beetle damage of forests: A review of remote sensing opportunities. <i>Forest Ecology and Management</i> , 2006, 221, 27-41.	3.2	325
5	An inventory-based analysis of Canada's managed forest carbon dynamics, 1990 to 2008. <i>Global Change Biology</i> , 2011, 17, 2227-2244.	9.5	232
6	Phenological differences in Tasseled Cap indices improve deciduous forest classification. <i>Remote Sensing of Environment</i> , 2002, 80, 460-472.	11.0	179
7	Future Spruce Budworm Outbreak May Create a Carbon Source in Eastern Canadian Forests. <i>Ecosystems</i> , 2010, 13, 917-931.	3.4	94
8	Future quantities and spatial distribution of harvesting residue and dead wood from natural disturbances in Canada. <i>Forest Ecology and Management</i> , 2010, 260, 181-192.	3.2	76
9	Damaged forests provide an opportunity to mitigate climate change. <i>GCB Bioenergy</i> , 2014, 6, 44-60.	5.6	67
10	Climate change mitigation through adaptation: the effectiveness of forest diversification by novel tree planting regimes. <i>Ecosphere</i> , 2017, 8, e01981.	2.2	54
11	Diversifying managed forests to increase resilience. <i>Canadian Journal of Forest Research</i> , 2014, 44, 1196-1205.	1.7	49
12	Carbon sequestration in managed temperate coniferous forests under climate change. <i>Biogeosciences</i> , 2016, 13, 1933-1947.	3.3	46
13	Mapping vegetation spatial patterns from modeled water, temperature and solar radiation gradients. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2002, 57, 69-85.	11.1	43
14	Uncertainty of 21st century growing stocks and GHG balance of forests in British Columbia, Canada resulting from potential climate change impacts on ecosystem processes. <i>Forest Ecology and Management</i> , 2011, 262, 827-837.	3.2	42
15	Forest carbon in North America: annual storage and emissions from British Columbia's harvest, 1965-2065. <i>Carbon Balance and Management</i> , 2012, 7, 8.	3.2	36
16	Forest carbon mitigation policy: A policy gap analysis for British Columbia. <i>Forest Policy and Economics</i> , 2016, 69, 73-82.	3.4	24
17	Characterization of the diminishing accuracy in detecting forest insect damage over time. <i>Canadian Journal of Remote Sensing</i> , 2005, 31, 421-431.	2.4	23
18	Criteria and guidance considerations for sustainable tree stump harvesting in British Columbia. <i>Scandinavian Journal of Forest Research</i> , 2012, 27, 709-723.	1.4	21

#	ARTICLE	IF	CITATIONS
19	Characterizing and mapping fuels for Malaysia and western Indonesia. <i>International Journal of Wildland Fire</i> , 2004, 13, 323.	2.4	18
20	Evaluation of Risk Assessment of Mountain Pine Beetle Infestations. <i>Western Journal of Applied Forestry</i> , 2006, 21, 5-13.	0.5	16
21	Using Satellite Fire Detection to Calibrate Components of the Fire Weather Index System in Malaysia and Indonesia. <i>Environmental Management</i> , 2005, 35, 426-440.	2.7	15
22	Wood Energy: Protect Local Ecosystems. <i>Science</i> , 2009, 324, 1389-1390.	12.6	15
23	Applying Resilience Concepts in Forest Management: A Retrospective Simulation Approach. <i>Forests</i> , 2015, 6, 4421-4438.	2.1	14
24	Mitigation Potential of Ecosystem-Based Forest Management under Climate Change: A Case Study in the Boreal-Temperate Forest Ecotone. <i>Forests</i> , 2021, 12, 1667.	2.1	13
25	Fibre use, net calorific value, and consumption of forest-derived bioenergy in British Columbia, Canada. <i>Biomass and Bioenergy</i> , 2014, 70, 217-224.	5.7	12
26	The forest mitigation-adaptation nexus: Economic benefits of novel planting regimes. <i>Forest Policy and Economics</i> , 2020, 113, 102124.	3.4	7
27	Impact of fire and harvest on forest ecosystem services in a species-rich area in the southern Appalachians. <i>Ecosphere</i> , 2020, 11, e03150.	2.2	4