

Carolyn E Smyth

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

827
citations

567281

15
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Changes During 6 Years of Decomposition of 11 Litters in Some Canadian Forest Sites. Part 1. Elemental Composition, Tannins, Phenolics, and Proximate Fractions. <i>Ecosystems</i> , 2009, 12, 1053-1077.	3.4	121
2	Natural climate solutions for Canada. <i>Science Advances</i> , 2021, 7, .	10.3	95
3	Estimating product and energy substitution benefits in national-scale mitigation analyses for Canada. <i>GCB Bioenergy</i> , 2017, 9, 1071-1084.	5.6	83
4	Climate change mitigation strategies in the forest sector: biophysical impacts and economic implications in British Columbia, Canada. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2018, 23, 257-290.	2.1	60
5	Application of the CBM-CFS3 model to estimate Italy's forest carbon budget, 1995–2020. <i>Ecological Modelling</i> , 2013, 266, 144-171.	2.5	47
6	Climate, economic, and environmental impacts of producing wood for bioenergy. <i>Environmental Research Letters</i> , 2018, 13, 050201.	5.2	47
7	The carbon implications of large-scale afforestation of agriculturally marginal land with short-rotation willow in Saskatchewan. <i>GCB Bioenergy</i> , 2012, 4, 70-87.	5.6	43
8	Climate change mitigation potential of local use of harvest residues for bioenergy in Canada. <i>GCB Bioenergy</i> , 2017, 9, 817-832.	5.6	40
9	Substitution impacts of wood use at the market level: a systematic review. <i>Environmental Research Letters</i> , 2021, 16, 123004.	5.2	31
10	A systems approach to assess climate change mitigation options in landscapes of the United States forest sector. <i>Carbon Balance and Management</i> , 2018, 13, 13.	3.2	29
11	Climate change mitigation in British Columbia's forest sector: GHG reductions, costs, and environmental impacts. <i>Carbon Balance and Management</i> , 2020, 15, 21.	3.2	24
12	A practical approach for assessing the sensitivity of the Carbon Budget Model of the Canadian Forest Sector (CBM-CFS3). <i>Ecological Modelling</i> , 2008, 219, 373-382.	2.5	22
13	Climate change mitigation in Canada's forest sector: a spatially explicit case study for two regions. <i>Carbon Balance and Management</i> , 2018, 13, 11.	3.2	18
14	Patterns of carbon, nitrogen and phosphorus dynamics in decomposing wood blocks in Canadian forests. <i>Plant and Soil</i> , 2016, 409, 459-477.	3.7	17
15	Applying a systems approach to assess carbon emission reductions from climate change mitigation in Mexico's forest sector. <i>Environmental Research Letters</i> , 2018, 13, 035003.	5.2	17
16	Cost of climate change mitigation in Canada's forest sector. <i>Canadian Journal of Forest Research</i> , 2017, 47, 604-614.	1.7	13
17	Long-term litter decay in Canadian forests and the influence of soil microbial community and soil chemistry. <i>Soil Biology and Biochemistry</i> , 2015, 80, 251-259.	8.8	9