

Geoffrey Guest

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

649
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Warming Potential of Carbon Dioxide Emissions from Biomass Stored in the Anthroposphere and Used for Bioenergy at End of Life. <i>Journal of Industrial Ecology</i> , 2013, 17, 20-30.	5.5	118
2	Consistent quantification of climate impacts due to biogenic carbon storage across a range of bio-product systems. <i>Environmental Impact Assessment Review</i> , 2013, 43, 21-30.	9.2	78
3	Life Cycle Assessment of Biomass-based Combined Heat and Power Plants. <i>Journal of Industrial Ecology</i> , 2011, 15, 908-921.	5.5	69
4	Application of probability distributions to the modeling of biogenic CO_2 fluxes in life cycle assessment. <i>GCB Bioenergy</i> , 2012, 4, 784-798.	5.6	67
5	Environmental assessment of biomass gasification combined heat and power plants with absorptive and adsorptive carbon capture units in Norway. <i>International Journal of Greenhouse Gas Control</i> , 2017, 57, 162-172.	4.6	48
6	The role of forest residues in the accounting for the global warming potential of bioenergy. <i>GCB Bioenergy</i> , 2013, 5, 459-466.	5.6	47
7	BIM-based approach to conduct Life Cycle Cost Analysis of resilient buildings at the conceptual stage. <i>Automation in Construction</i> , 2021, 123, 103480.	9.8	36
8	Bioenergy from forestry and changes in atmospheric CO ₂ : Reconciling single stand and landscape level approaches. <i>Journal of Environmental Management</i> , 2013, 129, 292-301.	7.8	28
9	Incorporating the impacts of climate change into infrastructure life cycle assessments: A case study of pavement service life performance. <i>Journal of Industrial Ecology</i> , 2020, 24, 356-368.	5.5	22
10	Exploring the effects that a non-stationary climate and dynamic electricity grid mix has on whole building life cycle assessment: A multi-city comparison. <i>Sustainable Cities and Society</i> , 2020, 61, 102294.	10.4	20
11	Life Cycle Assessment of Electric and Fuel Cell Vehicle Transport Based on Forest Biomass. <i>Journal of Industrial Ecology</i> , 2014, 18, 176-186.	5.5	19
12	Cooling aerosols and changes in albedo counteract warming from CO ₂ and black carbon from forest bioenergy in Norway. <i>Scientific Reports</i> , 2018, 8, 3299.	3.3	18
13	A comparative life cycle assessment highlighting the trade-offs of a liquid manure separator-composter in a Canadian dairy farm system. <i>Journal of Cleaner Production</i> , 2017, 143, 824-835.	9.3	15
14	Climate Change Impacts Due to Biogenic Carbon: Addressing the Issue of Attribution Using Two Metrics With Very Different Outcomes. <i>Journal of Sustainable Forestry</i> , 2014, 33, 298-326.	1.4	13
15	Incorporating the Effects of Climate Change into Bridge Deterioration Modeling: The Case of Slab-on-Girder Highway Bridge Deck Designs across Canada. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	13
16	Climate impact potential of utilizing forest residues for bioenergy in Norway. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2013, 18, 1089-1108.	2.1	12
17	A framework for specifying low-carbon construction materials in government procurement: A case study for concrete in a new building investment. <i>Journal of Cleaner Production</i> , 2022, 345, 131056.	9.3	12
18	Comparing the performance of the DNDC, Holos, and VSMB models for predicting the water partitioning of various crops and sites across Canada. <i>Canadian Journal of Soil Science</i> , 2018, 98, 212-231.	1.2	11

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19	Application of probability distributions to the modeling of biogenic CO ₂ fluxes in life cycle assessment. <i>GCB Bioenergy</i> , 2013, 5, 474-474.	5.6	1
20	Impact of uncertainty in indirect land-use changes and life-cycle carbon intensity for biofuels under climate legislation: a case study of British Columbia. <i>Biofuels</i> , 2017, 8, 605-613.	2.4	1
21	A parsimonious water budget model for Canadian agricultural conditions. <i>Journal of Hydrology: Regional Studies</i> , 2021, 36, 100846.	2.4	1