

Janine Schweier

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

585
citations

687363

13
h-index

610901

24
g-index

35
all docs

35
docs citations

35
times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	Economics of poplar short rotation coppice plantations on marginal land in Germany. <i>Biomass and Bioenergy</i> , 2013, 59, 494-502.	5.7	73
2	Land availability and potential biomass production with poplar and willow short rotation coppices in Germany. <i>GCB Bioenergy</i> , 2014, 6, 521-533.	5.6	48
3	Harvesting techniques for non-industrial biomass plantations. <i>Biosystems Engineering</i> , 2012, 113, 319-324.	4.3	46
4	Sustainability Impact Assessment of Forest Operations: a Review. <i>Current Forestry Reports</i> , 2019, 5, 101-113.	7.4	42
5	Operational short rotation woody crop plantations: Manual or mechanised harvesting?. <i>Biomass and Bioenergy</i> , 2015, 72, 8-18.	5.7	39
6	Mechanised harvesting of short-rotation coppices. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 76, 90-104.	16.4	39
7	Environmental impacts of bioenergy wood production from poplar short rotation coppice grown at a marginal agricultural site in Germany. <i>GCB Bioenergy</i> , 2017, 9, 1207-1221.	5.6	38
8	Harvesting of short rotation coppice – harvesting trials with a cut and storage system in Germany. <i>Silva Fennica</i> , 2012, 46, .	1.3	36
9	Mechanized coppice harvesting with new small-scale feller-bunchers: Results from harvesting trials with newly manufactured felling heads in Italy. <i>Biomass and Bioenergy</i> , 2015, 72, 85-94.	5.7	33
10	Selected environmental impacts of the technical production of wood chips from poplar short rotation coppice on marginal land. <i>Biomass and Bioenergy</i> , 2016, 85, 235-242.	5.7	22
11	Sustainability Assessment of Alternative Strip Clear Cutting Operations for Wood Chip Production in Renaturalization Management of Pine Stands. <i>Energies</i> , 2019, 12, 3306.	3.1	20
12	New Holland Forage Harvester™s Productivity in Short Rotation Coppice: Evaluation of Field Studies from a German Perspective. <i>International Journal of Forest Engineering</i> , 2012, 23, 82-88.	0.8	16
13	Productivity, Costs, and Selected Environmental Impacts of Remote-Controlled Mini Forestry Crawlers. <i>Forests</i> , 2018, 9, 591.	2.1	14
14	How Climate Change Will Affect Forest Composition and Forest Operations in Baden-Württemberg – A GIS-Based Case Study Approach. <i>Forests</i> , 2017, 8, 298.	2.1	13
15	Comparison of A Cable-Based and a Ground-Based System in Flat and Soil-Sensitive Area: A Case Study from Southern Baden in Germany. <i>Forests</i> , 2020, 11, 611.	2.1	13
16	The Management Response to Wind Disturbances in European Forests. <i>Current Forestry Reports</i> , 2021, 7, 167-180.	7.4	13
17	Mechanised Harvesting of Broadleaved Tree Species in Europe. <i>Current Forestry Reports</i> , 2022, 8, 1-19.	7.4	11
18	HeProMo: A decision support tool to estimate wood harvesting productivities. <i>PLoS ONE</i> , 2020, 15, e0244289.	2.5	10

#	ARTICLE	IF	CITATIONS
19	Productivity and cost analysis of tower yarder systems using the Koller 507 and the Valentini 400 in southwest Germany. <i>International Journal of Forest Engineering</i> , 2020, 31, 172-183.	0.8	9
20	A Multi-Criteria Decision Support System for Strategic Planning at the Swiss Forest Enterprise Level: Coping With Climate Change and Shifting Demands in Ecosystem Service Provisioning. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	9
21	Economic, environmental and social impact of alternative forest management in Baden-Württemberg (Germany) and Västernorrland (Sweden). <i>Scandinavian Journal of Forest Research</i> , 2014, 29, 485-498.	1.4	8
22	Sustainability Assessment of Alternative Thinning Operations in Mediterranean Softwood Plantations. <i>Forests</i> , 2018, 9, 375.	2.1	8
23	Impact of Increased Genotype or Species Diversity in Short Rotation Coppice on Biomass Production and Wood Characteristics. <i>Bioenergy Research</i> , 2019, 12, 497-508.	3.9	8
24	Harvester Productivity in Inclined Terrain with Extended Machine Operating Trail Intervals: A German Case Study Comparison of Standing and Bunched Trees. <i>Sustainability</i> , 2020, 12, 9168.	3.2	5
25	Current (2020) and Long-Term (2035 and 2050) Sustainable Potentials of Wood Fuel in Switzerland. <i>Sustainability</i> , 2020, 12, 9749.	3.2	5
26	Application of spiroergometry to determine work metabolism related strain in the course of cable work with a mini forestry crawler. <i>International Journal of Forest Engineering</i> , 2020, 31, 114-125.	0.8	3
27	Environmental analysis of Eucalyptus timber production from short rotation forestry in Brazil. <i>International Journal of Forest Engineering</i> , 2015, , 1-15.	0.8	2
28	Harvesting techniques for non-industrial SRF biomass plantations on farmland. <i>Journal of Agricultural Engineering</i> , 2013, 44, .	1.5	1
29	Tensile forces and deflections on skylines of cable yarders: comparison of measurements with close-to-catenary predictions. <i>International Journal of Forest Engineering</i> , 2022, 33, 195-216.	0.8	1
30	Introduction for IJFE special article collection "The Role of Forest Operations in Climate Change Affected Forests". <i>International Journal of Forest Engineering</i> , 2019, 30, 218-218.	0.8	0
31	A QGIS Based Workflow for Optimized Cable Road Layout Planning. <i>Environmental Sciences Proceedings</i> , 2020, 3, .	0.3	0
32	Nutrient Sustainability in Swiss Wood Extraction. <i>Environmental Sciences Proceedings</i> , 2021, 3, 36.	0.3	0
33	A Decision Support System for Sustainable Forest Management and Ecosystem Service Provisioning at the Enterprise Scale. , 2020, 3, .		0
34	Validation of Catenary-based Methods for Cable Road Layout Planning. , 2020, 3, .		0
35	Zukünftige Potenziale der nachhaltigen Waldenergieholzversorgung in der Schweiz. <i>Schweizerische Zeitschrift Für Forstwesen</i> , 2022, 173, 24-35.	0.1	0