

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	Mechanised Harvesting of Broadleaved Tree Species in Europe. Current Forestry Reports, 2022, 8, 1-19.	7.4	11
2	Zukünftige Potenziale der nachhaltigen Waldenergieholzversorgung in der Schweiz. Schweizerische Zeitschrift Für Forstwesen, 2022, 173, 24-35.	0.1	0
3	Tensile forces and deflections on skylines of cable yarders: comparison of measurements with close-to-catenary predictions. International Journal of Forest Engineering, 2022, 33, 195-216.	0.8	1
4	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. Frontiers in Forests and Global Change, 2021, 4, .	2.3	9
5	The Management Response to Wind Disturbances in European Forests. Current Forestry Reports, 2021, 7, 167-180.	7.4	13
6	Nutrient Sustainability in Swiss Wood Extraction. Environmental Sciences Proceedings, 2021, 3, 36.	0.3	0
7	Productivity and cost analysis of tower yarder systems using the Koller 507 and the Valentini 400 in southwest Germany. International Journal of Forest Engineering, 2020, 31, 172-183.	0.8	9
8	Harvester Productivity in Inclined Terrain with Extended Machine Operating Trail Intervals: A German Case Study Comparison of Standing and Bunched Trees. Sustainability, 2020, 12, 9168.	3.2	5
9	Current (2020) and Long-Term (2035 and 2050) Sustainable Potentials of Wood Fuel in Switzerland. Sustainability, 2020, 12, 9749.	3.2	5
10	Application of spiroergometry to determine work metabolism related strain in the course of cable work with a mini forestry crawler. International Journal of Forest Engineering, 2020, 31, 114-125.	0.8	3
11	Comparison of A Cable-Based and a Ground-Based System in Flat and Soil-Sensitive Area: A Case Study from Southern Baden in Germany. Forests, 2020, 11, 611.	2.1	13
12	HeProMo: A decision support tool to estimate wood harvesting productivities. PLoS ONE, 2020, 15, e0244289.	2.5	10
13	A QGIS Based Workflow for Optimized Cable Road Layout Planning. Environmental Sciences Proceedings, 2020, 3, .	0.3	0
14	A Decision Support System for Sustainable Forest Management and Ecosystem Service Provisioning at the Enterprise Scale. , 2020, 3, .		0
15	Validation of Catenary-based Methods for Cable Road Layout Planning. , 2020, 3, .		0
16	Sustainability Impact Assessment of Forest Operations: a Review. Current Forestry Reports, 2019, 5, 101-113.	7.4	42
17	Impact of Increased Genotype or Species Diversity in Short Rotation Coppice on Biomass Production and Wood Characteristics. Bioenergy Research, 2019, 12, 497-508.	3.9	8
18	Sustainability Assessment of Alternative Strip Clear Cutting Operations for Wood Chip Production in Renaturalization Management of Pine Stands. Energies, 2019, 12, 3306.	3.1	20

#	ARTICLE	IF	CITATIONS
19	Introduction for IJFE special article collection "The Role of Forest Operations in Climate Change Affected Forests". International Journal of Forest Engineering, 2019, 30, 218-218.	0.8	0
20	Productivity, Costs, and Selected Environmental Impacts of Remote-Controlled Mini Forestry Crawlers. Forests, 2018, 9, 591.	2.1	14
21	Sustainability Assessment of Alternative Thinning Operations in Mediterranean Softwood Plantations. Forests, 2018, 9, 375.	2.1	8
22	Mechanised harvesting of short-rotation coppices. Renewable and Sustainable Energy Reviews, 2017, 76, 90-104.	16.4	39
23	Environmental impacts of bioenergy wood production from poplar short-rotation coppice grown at a marginal agricultural site in Germany. GCB Bioenergy, 2017, 9, 1207-1221.	5.6	38
24	How Climate Change Will Affect Forest Composition and Forest Operations in Baden-Württemberg? A GIS-Based Case Study Approach. Forests, 2017, 8, 298.	2.1	13
25	Selected environmental impacts of the technical production of wood chips from poplar short rotation coppice on marginal land. Biomass and Bioenergy, 2016, 85, 235-242.	5.7	22
26	Mechanized coppice harvesting with new small-scale feller-bunchers: Results from harvesting trials with newly manufactured felling heads in Italy. Biomass and Bioenergy, 2015, 72, 85-94.	5.7	33
27	Environmental analysis of Eucalyptus timber production from short rotation forestry in Brazil. International Journal of Forest Engineering, 2015, , 1-15.	0.8	2
28	Operational short rotation woody crop plantations: Manual or mechanised harvesting?. Biomass and Bioenergy, 2015, 72, 8-18.	5.7	39
29	Economic, environmental and social impact of alternative forest management in Baden-Württemberg (Germany) and Västerbotten (Sweden). Scandinavian Journal of Forest Research, 2014, 29, 485-498.	1.4	8
30	Land availability and potential biomass production with poplar and willow short rotation coppices in Germany. GCB Bioenergy, 2014, 6, 521-533.	5.6	48
31	Economics of poplar short rotation coppice plantations on marginal land in Germany. Biomass and Bioenergy, 2013, 59, 494-502.	5.7	73
32	Harvesting techniques for non-industrial SRF biomass plantations on farmland. Journal of Agricultural Engineering, 2013, 44, .	1.5	1
33	New Holland Forage Harvester's Productivity in Short Rotation Coppice: Evaluation of Field Studies from a German Perspective. International Journal of Forest Engineering, 2012, 23, 82-88.	0.8	16
34	Harvesting techniques for non-industrial biomass plantations. Biosystems Engineering, 2012, 113, 319-324.	4.3	46
35	Harvesting of short rotation coppice " harvesting trials with a cut and storage system in Germany. Silva Fennica, 2012, 46, .	1.3	36