

Bart Muys

List of Publications by Year in descending order

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Version: 2024-02-01

306
papers

18,278
citations

14614

66
h-index

18075

120
g-index

317
all docs

317
docs citations

317
times ranked

19383
citing authors

#	ARTICLE	IF	CITATIONS
1	For the sake of resilience and multifunctionality, let's diversify planted forests!. Conservation Letters, 2022, 15, e12829.	2.8	124
2	Exploring farmer preferences towards innovations in the vanilla supply chain. Journal of Cleaner Production, 2022, 330, 129831.	4.6	3
3	Trick or treat? Pollinator attraction in <i>Vanilla pompona</i> (Orchidaceae). Biotropica, 2022, 54, 268-274.	0.8	9
4	Diversity for Restoration (D4R): Guiding the selection of tree species and seed sources for climate-resilient restoration of tropical forest landscapes. Journal of Applied Ecology, 2022, 59, 664-679.	1.9	33
5	Climatic conditions, not above- and belowground resource availability and uptake capacity, mediate tree diversity effects on productivity and stability. Science of the Total Environment, 2022, 812, 152560.	3.9	8
6	Roadmap to develop a stress test for forest ecosystem services supply. One Earth, 2022, 5, 25-34.	3.6	9
7	Impact of tree litter identity, litter diversity and habitat quality on litter decomposition rates in tropical moist evergreen forest. Forest Ecosystems, 2022, 9, 100023.	1.3	8
8	Tree diversity effects on soil microbial biomass and respiration are context dependent across forest diversity experiments. Global Ecology and Biogeography, 2022, 31, 872-885.	2.7	16
9	Managing Mediterranean Forests for Multiple Ecosystem Services: Research Progress and Knowledge Gaps. Current Forestry Reports, 2022, 8, 229-256.	3.4	19
10	Tempering expectations on a novel biofuel tree: Seed and oil yield assessment of pongamia (Milletia) Tj ETQq0 0 0,rgBT /Overlock 10 Tf 2.5 3	2.5	3
11	The distribution of carbon stocks between tree woody biomass and soil differs between Scots pine and broadleaved species (beech, oak) in European forests. European Journal of Forest Research, 2022, 141, 467-480.	1.1	5
12	Quantifying climate change effects on future forest biomass availability using yield tables improved by mechanistic scaling. Science of the Total Environment, 2022, 833, 155189.	3.9	2
13	Site-specific scaling of remote sensing-based estimates of woody cover and aboveground biomass for mapping long-term tropical dry forest degradation status. Remote Sensing of Environment, 2022, 276, 113040.	4.6	10
14	Recruitment credit cannot compensate for extinction debt in a degraded dry Afromontane forest. Journal of Vegetation Science, 2022, 33, .	1.1	1
15	Effects of Photovoltaic Solar Farms on Microclimate and Vegetation Diversity. Sustainability, 2022, 14, 7493.	1.6	6
16	Mixing increases drought exposure through a faster growth in beech, but not in oak. Forest Ecology and Management, 2021, 479, 118593.	1.4	4
17	Climate affects neighbour-induced changes in leaf chemical defences and tree diversity-herbivory relationships. Functional Ecology, 2021, 35, 67-81.	1.7	12
18	Tree species identity drives soil organic carbon storage more than species mixing in major two-species mixtures (pine, oak, beech) in Europe. Forest Ecology and Management, 2021, 481, 118752.	1.4	20

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19	Analysis of Land Use Land Cover Dynamics and Driving Factors in Desa TM a Forest in Northern Ethiopia. Land Use Policy, 2021, 101, 105039.	2.5	31
20	Effect of Dichrostachys cinerea encroachment on plant species diversity, functional traits and litter decomposition in an East TM African savannah ecosystem. Journal of Vegetation Science, 2021, 32, .	1.1	8
21	Soil Nutrient Depletion and Tree Functional Composition Shift Following Repeated Clearing in Secondary Forests of the Congo Basin. Ecosystems, 2021, 24, 1422-1435.	1.6	10
22	A combination of climate, tree diversity and local human disturbance determine the stability of dry Afromontane forests. Forest Ecosystems, 2021, 8, .	1.3	9
23	The value of local ecological knowledge to guide tree species selection in tropical dry forest restoration. Restoration Ecology, 2021, 29, e13347.	1.4	13
24	Woody encroachment of an East TM African savannah ecosystem alters its arbuscular mycorrhizal fungal communities. Plant and Soil, 2021, 464, 303-320.	1.8	5
25	Relative importance of tree species richness, tree functional type, and microenvironment for soil macrofauna communities in European forests. Oecologia, 2021, 196, 455-468.	0.9	17
26	Medium and long term effects of logging systems on forest structure and composition in the tropical rainforest of Suriname. Journal of Forest Research, 2021, 26, 328-335.	0.7	5
27	Pedogenic Threshold in Acidity Explains Context-Dependent Tree Species Effects on Soil Carbon. Frontiers in Forests and Global Change, 2021, 4, .	1.0	4
28	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. Scientific Data, 2021, 8, 136.	2.4	29
29	Above TM and below TM ground complementarity rather than selection drive tree diversity TM productivity relationships in European forests. Functional Ecology, 2021, 35, 1756-1767.	1.7	15
30	Climate mitigation by energy and material substitution of wood products has an expiry date. Journal of Cleaner Production, 2021, 303, 127026.	4.6	42
31	Dynamic seed zones to guide climate-smart seed sourcing for tropical dry forest restoration in Colombia. Forest Ecology and Management, 2021, 490, 119127.	1.4	9
32	Circular economy monitoring TM How to make it apt for biological cycles?. Resources, Conservation and Recycling, 2021, 170, 105563.	5.3	40
33	The effect of information transfer related to soil biodiversity on Flemish citizens' preferences for forest management. Science of the Total Environment, 2021, 776, 145791.	3.9	10
34	Environmental and anthropogenic factors affecting natural regeneration of degraded dry Afromontane forest. Restoration Ecology, 2021, 29, e13471.	1.4	6
35	Forest Ecosystem Services. Encyclopedia of the UN Sustainable Development Goals, 2021, , 386-395.	0.0	2
36	Litter quality and the law of the most limiting: Opportunities for restoring nutrient cycles in acidified forest soils. Science of the Total Environment, 2020, 699, 134383.	3.9	17

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37	Tree diversity is key for promoting the diversity and abundance of forest-associated taxa in Europe. <i>Oikos</i> , 2020, 129, 133-146.	1.2	80
38	Ex-ante life cycle impact assessment of insect based feed production in West Africa. <i>Agricultural Systems</i> , 2020, 178, 102710.	3.2	17
39	Improving the knowledge base for tropical dry forest management in southern Africa: Regional volume models for <i>Pterocarpus angolensis</i> . <i>Forest Ecology and Management</i> , 2020, 477, 118485.	1.4	0
40	Biodiversity conservation in the sacred groves of north-west Ethiopia: diversity and community structure of woody species. <i>Global Ecology and Conservation</i> , 2020, 24, e01377.	1.0	7
41	Litter share and clay content determine soil restoration effects of rich litter tree species in forests on acidified sandy soils. <i>Forest Ecology and Management</i> , 2020, 474, 118377.	1.4	10
42	What do scientists and managers know about soil biodiversity? Comparative knowledge mapping for sustainable forest management. <i>Forest Policy and Economics</i> , 2020, 119, 102264.	1.5	9
43	Positive feedback loop between earthworms, humus form and soil pH reinforces earthworm abundance in European forests. <i>Functional Ecology</i> , 2020, 34, 2598-2610.	1.7	24
44	Tree species diversity improves beech growth and alters its physiological response to drought. <i>Trees - Structure and Function</i> , 2020, 34, 1059-1073.	0.9	7
45	Vanilla distribution modeling for conservation and sustainable cultivation in a joint land sparing/sharing concept. <i>Ecosphere</i> , 2020, 11, e03056.	1.0	17
46	Typology of the woody plant communities of the Ethiopian Nech Sar National Park and an assessment of vegetation-environment relations and human disturbance impacts. <i>Plant Ecology and Evolution</i> , 2020, 153, 33-44.	0.3	6
47	Should we Leave Nature Unattended or Assist through Enrichment to Foster Climate Change Mitigation? Exclosure Management in the Highlands of Ethiopia. <i>Environmental Management</i> , 2020, 65, 490-499.	1.2	5
48	Mapping tree species vulnerability to multiple threats as a guide to restoration and conservation of tropical dry forests. <i>Global Change Biology</i> , 2020, 26, 3552-3568.	4.2	53
49	Forest Ecosystem Services. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-11.	0.0	2
50	Forest Ecosystem Services. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-11.	0.0	1
51	Survival and growth analysis of multipurpose trees, shrubs, and grasses used to rehabilitate badlands in the subhumid tropics. <i>Land Degradation and Development</i> , 2019, 30, 470-480.	1.8	10
52	The effect of shade levels on the survival and growth of planted trees in dry afro-montane forest: Implications for restoration success. <i>Journal of Arid Environments</i> , 2019, 170, 103992.	1.2	4
53	Forest conversion to conifers induces a regime shift in soil process domain affecting carbon stability. <i>Soil Biology and Biochemistry</i> , 2019, 136, 107540.	4.2	18
54	Impacts of fire severity and cattle grazing on early plant dynamics in old-growth <i>Araucaria-Nothofagus</i> forests. <i>Forest Ecosystems</i> , 2019, 6, .	1.3	9

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55	How do trees respond to species mixing in experimental compared to observational studies?. <i>Ecology and Evolution</i> , 2019, 9, 11254-11265.	0.8	8
56	Global distribution of earthworm diversity. <i>Science</i> , 2019, 366, 480-485.	6.0	248
57	Frankincense facing extinction. <i>Nature Sustainability</i> , 2019, 2, 665-666.	11.5	6
58	Disentangling the effects of parent material and litter input chemistry on molecular soil organic matter composition in converted forests in Western Europe. <i>Organic Geochemistry</i> , 2019, 134, 66-76.	0.9	15
59	Biotic predictors complement models of bat and bird responses to climate and tree diversity in European forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182193.	1.2	21
60	Spatial congruence among indicators of recovery completeness in a Mediterranean forest landscape: Implications for planning large-scale restoration. <i>Ecological Indicators</i> , 2019, 102, 752-759.	2.6	7
61	Tree species diversity impacts average radial growth of beech and oak trees in Belgium, not their long-term growth trend. <i>Forest Ecosystems</i> , 2019, 6, .	1.3	13
62	A framework for profitability evaluation of agroforestry-based biofuel value chains: An application to pongamia in India. <i>GCB Bioenergy</i> , 2019, 11, 852-870.	2.5	7
63	Determining a Carbon Reference Level for a High-Forest-Low-Deforestation Country. <i>Forests</i> , 2019, 10, 1095.	0.9	6
64	Lignocellulosic biomass for bioenergy beyond intensive cropland and forests. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 102, 139-149.	8.2	65
65	Disentangling how management affects biomass stock and productivity of tropical secondary forests fallows. <i>Science of the Total Environment</i> , 2019, 659, 101-114.	3.9	13
66	Identifying the tree species compositions that maximize ecosystem functioning in European forests. <i>Journal of Applied Ecology</i> , 2019, 56, 733-744.	1.9	58
67	Adoption Constraints for Small-scale Agroforestry-based Biofuel Systems in India. <i>Ecological Economics</i> , 2019, 157, 27-39.	2.9	14
68	Early stage litter decomposition across biomes. <i>Science of the Total Environment</i> , 2018, 628-629, 1369-1394.	3.9	177
69	Nature conservation and bioenergy production – a response to Kallimanis. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 75-76.	1.9	2
70	Tree identity rather than tree diversity drives earthworm communities in European forests. <i>Pedobiologia</i> , 2018, 67, 16-25.	0.5	18
71	Adapting forest management to climate change in Europe: Linking perceptions to adaptive responses. <i>Forest Policy and Economics</i> , 2018, 90, 22-30.	1.5	87
72	Recent growth trends of black pine (<i>Pinus nigra</i> J.F. Arnold) in the eastern mediterranean. <i>Forest Ecology and Management</i> , 2018, 412, 21-28.	1.4	18

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73	Climate driven trends in tree biomass increment show asynchronous dependence on tree-ring width and wood density variation. <i>Dendrochronologia</i> , 2018, 48, 40-51.	1.0	13
74	Tree seedling vitality improves with functional diversity in a Mediterranean common garden experiment. <i>Forest Ecology and Management</i> , 2018, 409, 614-633.	1.4	10
75	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. <i>Environmental and Experimental Botany</i> , 2018, 152, 68-89.	2.0	113
76	Redesigning oilseed tree biofuel systems in India. <i>Energy Policy</i> , 2018, 115, 631-643.	4.2	18
77	Tree species effects are amplified by clay content in acidic soils. <i>Soil Biology and Biochemistry</i> , 2018, 121, 43-49.	4.2	29
78	Overyielding in young tree plantations is driven by local complementarity and selection effects related to shade tolerance. <i>Journal of Ecology</i> , 2018, 106, 1096-1105.	1.9	61
79	Effect of cascade use on the carbon balance of the German and European wood sectors. <i>Journal of Cleaner Production</i> , 2018, 170, 137-146.	4.6	32
80	Why do farmers abandon jatropha cultivation? The case of Chiapas, Mexico. <i>Energy for Sustainable Development</i> , 2018, 42, 77-86.	2.0	27
81	Continental mapping of forest ecosystem functions reveals a high but unrealised potential for forest multifunctionality. <i>Ecology Letters</i> , 2018, 21, 31-42.	3.0	74
82	Do Tourists' Preferences Match the Host Community's Initiatives? A Study of Sustainable Tourism in One of Africa's Oldest Conservation Areas. <i>Sustainability</i> , 2018, 10, 4167.	1.6	8
83	Tree diversity mitigates defoliation after a drought-induced tipping point. <i>Global Change Biology</i> , 2018, 24, 4304-4315.	4.2	42
84	Effects of livestock grazing on key vegetation attributes of a remnant forest reserve: The case of Desa'a Forest in northern Ethiopia. <i>Global Ecology and Conservation</i> , 2018, 14, e00395.	1.0	22
85	Do private coffee standards "walk the talk" in improving socio-economic and environmental sustainability?. <i>Global Environmental Change</i> , 2018, 51, 1-9.	3.6	55
86	Life cycle cost assessment of insect based feed production in West Africa. <i>Journal of Cleaner Production</i> , 2018, 199, 792-806.	4.6	25
87	Temporalis, a generic method and tool for dynamic Life Cycle Assessment. <i>Science of the Total Environment</i> , 2018, 645, 585-595.	3.9	47
88	Forest cover loss and recovery in an East African remnant forest area: Understanding its context and drivers for conservation and sustainable ecosystem service provision. <i>Applied Geography</i> , 2018, 98, 133-142.	1.7	18
89	EFO-LCI: A New Life Cycle Inventory Database of Forestry Operations in Europe. <i>Environmental Management</i> , 2018, 61, 1031-1047.	1.2	15
90	Spätblühende Traubenkirsche: Waldpest oder Waldbaum, je nach Waldbaukontext. <i>Schweizerische Zeitschrift Für Forstwesen</i> , 2018, 169, 93-101.	0.5	0

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91	Bioenergy production and sustainable development: science base for policymaking remains limited. <i>GCB Bioenergy</i> , 2017, 9, 541-556.	2.5	66
92	Fuel for debating ancient economies. Calculating wood consumption at urban scale in Roman Imperial times. <i>Journal of Archaeological Science: Reports</i> , 2017, 11, 592-599.	0.2	12
93	Multi-criteria-based Plant Species Selection for Gully and Riverbank Stabilization in a Sub-humid Tropical Area. <i>Land Degradation and Development</i> , 2017, 28, 1675-1686.	1.8	10
94	Trees, forests and water: Cool insights for a hot world. <i>Global Environmental Change</i> , 2017, 43, 51-61.	3.6	660
95	Predicting site productivity of the timber tree <i>Pterocarpus angolensis</i> . <i>Southern Forests</i> , 2017, 79, 259-268.	0.2	3
96	Using X-ray CT based tree-ring width data for tree growth trend analysis. <i>Dendrochronologia</i> , 2017, 44, 66-75.	1.0	15
97	Are forest disturbances amplifying or canceling out climate change-induced productivity changes in European forests?. <i>Environmental Research Letters</i> , 2017, 12, 034027.	2.2	142
98	Conserving wild Arabica coffee: Emerging threats and opportunities. <i>Agriculture, Ecosystems and Environment</i> , 2017, 237, 75-79.	2.5	24
99	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. <i>Ecology Letters</i> , 2017, 20, 1414-1426.	3.0	244
100	The effect of increasing lifespan and recycling rate on carbon storage in wood products from theoretical model to application for the European wood sector. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2017, 22, 1193-1205.	1.0	31
101	Effects of biodiversity loss and restoration scenarios on tree-related ecosystem services. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2017, 13, 434-443.	2.9	14
102	Plasticity of tree architecture through interspecific and intraspecific competition in a young experimental plantation. <i>Forest Ecology and Management</i> , 2017, 385, 1-9.	1.4	49
103	Life Cycle Inventory Analysis of Prospective Insect Based Feed Production in West Africa. <i>Sustainability</i> , 2017, 9, 1697.	1.6	18
104	Tree Species Identity Shapes Earthworm Communities. <i>Forests</i> , 2017, 8, 85.	0.9	60
105	Biodiversity as insurance for sapling survival in experimental tree plantations. <i>Journal of Applied Ecology</i> , 2016, 53, 1777-1786.	1.9	24
106	Adaptation of forest management to climate change as perceived by forest owners and managers in Belgium. <i>Forest Ecosystems</i> , 2016, 3, .	1.3	31
107	Jack-of-all-trades effects drive biodiversity-ecosystem multifunctionality relationships in European forests. <i>Nature Communications</i> , 2016, 7, 11109.	5.8	185
108	Modelling carbon stocks and fluxes in the wood product sector: a comparative review. <i>Global Change Biology</i> , 2016, 22, 2555-2569.	4.2	65

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109	Ethnobotanical study of medicinal plants from degraded dry afro-montane forest in northern Ethiopia: Species, uses and conservation challenges. <i>Journal of Herbal Medicine</i> , 2016, 6, 96-104.	1.0	33
110	Impact of land-use change to <i>Jatropha</i> bioenergy plantations on biomass and soil carbon stocks: a field study in Mali. <i>GCB Bioenergy</i> , 2016, 8, 443-455.	2.5	10
111	Spatial optimization of <i>Jatropha</i> based electricity value chains including the effect of emissions from land use change. <i>Biomass and Bioenergy</i> , 2016, 90, 218-229.	2.9	14
112	Actor-based identification of deforestation drivers paves the road to effective REDD+ in DR Congo. <i>Land Use Policy</i> , 2016, 58, 123-132.	2.5	31
113	Vegetation response to precipitation variability in East Africa controlled by biogeographical factors. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2422-2444.	1.3	60
114	The bioenergy potential of Natura 2000 "a synergy between climate change mitigation and biodiversity protection. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 473-478.	1.9	22
115	Patterns of forest composition and their long term environmental drivers in the tropical dry forest transition zone of southern Africa. <i>Forest Ecosystems</i> , 2016, 3, .	1.3	14
116	Initial Effects of Fertilization and Canopy Management on Flowering and Seed and Oil Yields of <i>Jatropha curcas</i> L. in Malawi. <i>Bioenergy Research</i> , 2016, 9, 1231-1240.	2.2	4
117	Drivers of earthworm incidence and abundance across European forests. <i>Soil Biology and Biochemistry</i> , 2016, 99, 167-178.	4.2	53
118	Conservation of the Ethiopian church forests: Threats, opportunities and implications for their management. <i>Science of the Total Environment</i> , 2016, 551-552, 404-414.	3.9	93
119	Environmental impact assessment and monetary ecosystem service valuation of an ecosystem under different future environmental change and management scenarios; a case study of a Scots pine forest. <i>Journal of Environmental Management</i> , 2016, 173, 79-94.	3.8	28
120	Biotic homogenization can decrease landscape-scale forest multifunctionality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3557-3562.	3.3	196
121	Forests and global change: what can genetics contribute to the major forest management and policy challenges of the twenty-first century?. <i>Regional Environmental Change</i> , 2016, 16, 927-939.	1.4	91
122	Impact of membership in frankincense cooperative firms on rural income and poverty in Tigray, Northern Ethiopia. <i>Forest Policy and Economics</i> , 2016, 62, 95-108.	1.5	27
123	Contributions of a global network of tree diversity experiments to sustainable forest plantations. <i>Ambio</i> , 2016, 45, 29-41.	2.8	203
124	Institutional factors and opportunities for adapting European forest management to climate change. <i>Regional Environmental Change</i> , 2015, 15, 1595-1609.	1.4	20
125	Biomass of invasive plant species as a potential feedstock for bioenergy production. <i>Biofuels, Bioproducts and Biorefining</i> , 2015, 9, 273-282.	1.9	42
126	The potential of small exclosures in assisting regeneration of coffee shade trees in South-Western Ethiopian coffee forests. <i>African Journal of Ecology</i> , 2015, 53, 389-397.	0.4	10

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127	Commentary: We lack evidence to call <i>Jatropha</i> invasive. <i>Biofuels, Bioproducts and Biorefining</i> , 2015, 9, 123-124.	1.9	0
128	Assisting Sustainable Forest Management and Forest Policy Planning with the Sim4Tree Decision Support System. <i>Forests</i> , 2015, 6, 859-878.	0.9	8
129	Greenhouse gas emission timing in life cycle assessment and the global warming potential of perennial energy crops. <i>Carbon Management</i> , 2015, 6, 185-195.	1.2	18
130	Detection of <i>Olea europaea</i> subsp. <i>cuspidata</i> and <i>Juniperus procera</i> in the dry Afromontane forest of northern Ethiopia using subpixel analysis of Landsat imagery. <i>Journal of Applied Remote Sensing</i> , 2015, 9, 095975.	0.6	6
131	REALU vs. REDD+: Carbon and biodiversity in the Afromontane landscapes of SW Ethiopia. <i>Forest Ecology and Management</i> , 2015, 343, 22-33.	1.4	30
132	Who benefits from energy policy incentives? The case of jatropha adoption by smallholders in Mexico. <i>Energy Policy</i> , 2015, 79, 37-47.	4.2	16
133	Insufficient Evidence of <i>Jatropha curcas</i> L. Invasiveness: Experimental Observations in Burkina Faso, West Africa. <i>Bioenergy Research</i> , 2015, 8, 570-580.	2.2	17
134	Fragmentation and Management of Ethiopian Moist Evergreen Forest Drive Compositional Shifts of Insect Communities Visiting Wild Arabica Coffee Flowers. <i>Environmental Management</i> , 2015, 55, 373-382.	1.2	22
135	Conserving Open Natural Pollination Safeguards <i>Jatropha</i> Oil Yield and Oil Quality. <i>Bioenergy Research</i> , 2015, 8, 340-349.	2.2	5
136	The bioenergy potential of conservation areas and roadsides for biogas in an urbanized region. <i>Applied Energy</i> , 2015, 154, 742-751.	5.1	28
137	The economics and greenhouse gas balance of land conversion to <i>Jatropha</i> : the case of Tanzania. <i>GCB Bioenergy</i> , 2015, 7, 302-315.	2.5	4
138	A time series processing tool to extract climate-driven interannual vegetation dynamics using Ensemble Empirical Mode Decomposition (EEMD). <i>Remote Sensing of Environment</i> , 2015, 169, 375-389.	4.6	71
139	Trees in a human-modified tropical landscape: Species and trait composition and potential ecosystem services. <i>Landscape and Urban Planning</i> , 2015, 144, 49-58.	3.4	20
140	Effects of accession, spacing and pruning management on in-situ leaf litter decomposition of <i>Jatropha curcas</i> L. in Zambia. <i>Biomass and Bioenergy</i> , 2015, 81, 505-513.	2.9	8
141	Energy potential for combustion and anaerobic digestion of biomass from low-input high-diversity systems in conservation areas. <i>GCB Bioenergy</i> , 2015, 7, 888-898.	2.5	31
142	Opportunities and Constraints of Promoting New Tree Crops—Lessons Learned from <i>Jatropha</i> . <i>Sustainability</i> , 2014, 6, 3213-3231.	1.6	20
143	Integrating mitigation and adaptation into development: the case of <i>Jatropha curcas</i> in sub-Saharan Africa. <i>GCB Bioenergy</i> , 2014, 6, 169-171.	2.5	28
144	Contrasting Cloud Forest Restoration Potential Between Plantations of Different Exotic Tree Species. <i>Restoration Ecology</i> , 2014, 22, 472-479.	1.4	25

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145	Carbon and Water Footprints and Energy Use of Greenhouse Tomato Production in Northern Italy. <i>Journal of Industrial Ecology</i> , 2014, 18, 898-908.	2.8	44
146	Effects of forest management on mating patterns, pollen flow and intergenerational transfer of genetic diversity in wild Arabica coffee (<i>Coffea arabica</i> L.) from Afromontane rainforests. <i>Biological Journal of the Linnean Society</i> , 2014, 112, 76-88.	0.7	19
147	Transmission of genetic variation from the adult generation to naturally established seedling cohorts in small forest stands of pedunculate oak (<i>Quercus robur</i> L.). <i>Forest Ecology and Management</i> , 2014, 312, 19-27.	1.4	23
148	Effect of farming system and yield in the life cycle assessment of <i>Jatropha</i> -based bioenergy in Mali. <i>Energy for Sustainable Development</i> , 2014, 23, 258-265.	2.0	15
149	Tree density and population size affect pollen flow and mating patterns in small fragmented forest stands of pedunculate oak (<i>Quercus robur</i> L.). <i>Forest Ecology and Management</i> , 2014, 328, 254-261.	1.4	14
150	Multilayered Modeling of Particulate Matter Removal by a Growing Forest over Time, From Plant Surface Deposition to Washoff via Rainfall. <i>Environmental Science & Technology</i> , 2014, 48, 10785-10794.	4.6	66
151	The effect of drought stress on heterozygosity and fitness correlations in pedunculate oak (<i>Quercus</i>) Tj ETQq1 1 0.784314 rgBTj/Overl	1.4	12
152	Quantification and Prediction of Biomass Yield of Temperate Low-Input High-Diversity Ecosystems. <i>Bioenergy Research</i> , 2014, 7, 1120-1130.	2.2	17
153	Ecosystem services of mixed species forest stands and monocultures: comparing practitioners' and scientists' perceptions with formal scientific knowledge. <i>Forestry</i> , 2014, 87, 639-653.	1.2	44
154	Long-term growth changes of common beech (<i>Fagus sylvatica</i> L.) are less pronounced on highly productive sites. <i>Forest Ecology and Management</i> , 2014, 312, 252-259.	1.4	41
155	Potential, realised, future distribution and environmental suitability for <i>Pterocarpus angolensis</i> DC in southern Africa. <i>Forest Ecology and Management</i> , 2014, 315, 211-226.	1.4	32
156	Ecological traits of Mediterranean tree species as a basis for modelling forest dynamics in the Taurus mountains, Turkey. <i>Ecological Modelling</i> , 2014, 286, 53-65.	1.2	13
157	Forest herbs show species-specific responses to variation in light regime on sites with contrasting soil acidity: An experiment mimicking forest conversion scenarios. <i>Basic and Applied Ecology</i> , 2014, 15, 316-325.	1.2	5
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