Naresh Thevathasan

List of Publications by Year
in descending order

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54	1,610	304743	315739
papers	citations	22	38
		h-index	g-index

55	55	55	2128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon Sequestration Potentials in Temperate Tree-Based Intercropping Systems, Southern Ontario, Canada. Agroforestry Systems, 2006, 66, 243-257.	2.0	185
2	Ecology of tree intercropping systems in the North temperate region: Experiences from southern Ontario, Canada. Agroforestry Systems, 2004, 61-62, 257-268.	2.0	110
3	Soil carbon dynamics and residue stabilization in a Costa Rican and southern Canadian alley cropping system. Agroforestry Systems, 2006, 68, 27-36.	2.0	95
4	Natural climate solutions for Canada. Science Advances, 2021, 7, .	10.3	95
5	Spatial heterogeneity of soil organic carbon in tree-based intercropping systems in Quebec and Ontario, Canada. Agroforestry Systems, 2010, 79, 343-353.	2.0	85
6	Temporal changes in soil carbon and nitrogen in west African multistrata agroforestry systems: a chronosequence of pools and fluxes. Agroforestry Systems, 2005, 65, 23-31.	2.0	72
7	Decomposition and nutrient release patterns of the leaf biomass of the wild sunflower (Tithonia) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2011, 81, 123-134.	2.0	63
8	Title is missing!. Agroforestry Systems, 1997, 37, 79-90.	2.0	56
9	Carbon sequestration potential of five tree species in a 25-year-old temperate tree-based intercropping system in southern Ontario, Canada. Agroforestry Systems, 2014, 88, 631-643.	2.0	53
10	Life cycle assessment of thermal energy production from short-rotation willow biomass in Southern Ontario, Canada. Applied Energy, 2017, 204, 343-352.	10.1	51
11	Influence of trees on the spatial structure of arbuscular mycorrhizal communities in a temperate tree-based intercropping system. Agriculture, Ecosystems and Environment, 2011, 144, 13-20.	5.3	43
12	Bio-carbon production by oxidation and hydrothermal carbonization of paper recycling black liquor. Journal of Cleaner Production, 2019, 213, 332-341.	9.3	41
13	Biophysical and Ecological Interactions in a Temperate Tree-Based Intercropping System. Journal of Crop Improvement, 2004, 12, 339-363.	1.7	39
14	Estimating coarse root biomass with ground penetrating radar in a tree-based intercropping system. Agroforestry Systems, 2014, 88, 657-669.	2.0	36
15	Resistance and resilience of root fungal communities to water limitation in a temperate agroecosystem. Ecology and Evolution, 2017, 7, 3443-3454.	1.9	36
16	Intraspecific variation in soy across the leaf economics spectrum. Annals of Botany, 2019, 123, 107-120.	2.9	36
17	Nitrate and Escherichia coli NAR analysis in tile drain effluent from a mixed tree intercrop and monocrop system. Agriculture, Ecosystems and Environment, 2009, 131, 77-84.	5.3	35
18	Productivity and carbon storage in silvopastoral systems with Pinus ponderosa and Trifolium spp., plantations and pasture on an Andisol in Patagonia, Chile. Agroforestry Systems, 2012, 86, 113-128.	2.0	30

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19	Biophysical interactions in a short rotation willow intercropping system in southern Ontario, Canada. Agriculture, Ecosystems and Environment, 2009, 131, 61-69.	5.3	28
20	Determining tree water acquisition zones with stable isotopes in a temperate tree-based intercropping system. Agroforestry Systems, 2015, 89, 611-620.	2.0	25
21	Growing woody biomass for bioenergy in a tree-based intercropping system in southern Ontario, Canada. Agroforestry Systems, 2012, 86, 279-286.	2.0	24
22	Characterizing soil surface structure in a temperate tree-based intercropping system using X-ray computed tomography. Agroforestry Systems, 2014, 88, 645-656.	2.0	24
23	Potential value added applications of black liquor generated at paper manufacturing industry using recycled fibers. Journal of Cleaner Production, 2017, 149, 156-163.	9.3	22
24	Effect of nitrogen fertilizer on greenhouse gas emissions in two willow clones (Salix miyabeana and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	20
25	Beneficiation of renewable industrial wastes from paper and pulp processing. AIMS Energy, 2018, 6, 880-907.	1.9	19
26	Alternative conifer release treatments affect microclimate and soil nitrogen mineralization. Forest Ecology and Management, 2000, 133, 115-125.	3.2	17
27	Effects of controlled weed densities and soil types on soil nitrate accumulation, spruce growth, and weed growth. Forest Ecology and Management, 2000, 133, 135-144.	3.2	17
28	Dry matter partitions and specific leaf weight of soybean change with tree competition in an intercropping system. Agroforestry Systems, 2009, 76, 295-301.	2.0	17
29	Agronomic Potentials of Rarely Used Agroforestry Species for Smallholder Agriculture in Sub-Saharan Africa: An Exploratory Study. Communications in Soil Science and Plant Analysis, 2013, 44, 1733-1748.	1.4	17
30	Why Promote Improved Fallows as a Climate-Smart Agroforestry Technology in Sub-Saharan Africa?. Sustainability, 2017, 9, 1887.	3.2	17
31	Photosynthetic Response of Soybean to Microclimate in 26-Year-Old Tree-Based Intercropping Systems in Southern Ontario, Canada. PLoS ONE, 2015, 10, e0129467.	2.5	16
32	Biomass yield assessment of five potential energy crops grown in southern Ontario, Canada. Agroforestry Systems, 2016, 90, 773-783.	2.0	16
33	Long-Term Monitoring of Soil Carbon Sequestration in Woody and Herbaceous Bioenergy Crop Production Systems on Marginal Lands in Southern Ontario, Canada. Sustainability, 2020, 12, 3901.	3.2	16
34	Moisture and fertility interactions in a potted poplar-barley intercropping. Agroforestry Systems, 1995, 29, 275-283.	2.0	14
35	Integrating nitrogen fixing structures into above- and belowground functional trait spectra in soy (Glycine max). Plant and Soil, 2019, 440, 53-69.	3.7	13
36	Avian diversity in a temperate tree-based intercropping system from inception to now. Agroforestry Systems, 2016, 90, 905-916.	2.0	12

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37	Quantifying soil organic carbon stocks in herbaceous biomass crops grown in Ontario, Canada. Agroforestry Systems, 2019, 93, 1627-1635.	2.0	12
38	Carbon stocks in riparian buffer systems at sites differing in soil texture, vegetation type and age compared to adjacent agricultural fields in southern Ontario, Canada. Agriculture, Ecosystems and Environment, 2020, 304, 107149.	5.3	9
39	Assessing the impact of fertilizer application on net soil-derived emission budgets from a temperate willow (Salix miyabeana) short rotation coppice system. Biomass and Bioenergy, 2019, 120, 135-143.	5.7	8
40	The Potential of Switchgrass and Miscanthus to Enhance Soil Organic Carbon Sequestrationâ€"Predicted by DayCent Model. Land, 2020, 9, 509.	2.9	8
41	Greenhouse gas emissions from riparian zones are related to vegetation type and environmental factors. Journal of Environmental Quality, 2021, 50, 847-857.	2.0	8
42	Distribution of earthworm communities in agroecosystems with forested riparian buffer strips: A multiscale study. Applied Soil Ecology, 2021, 167, 104035.	4.3	8
43	Comparison of Three Methods for Measurement of Soil Organic Carbon. Communications in Soil Science and Plant Analysis, 2015, 46, 362-374.	1.4	7
44	The genetic diversity of Jatropha Curcas (L.) germplasm in Ghana as revealed by random amplified polymorphic DNA (RAPD) primers. Agroforestry Systems, 2012, 86, 443-450.	2.0	6
45	Evaluating sampling designs and deriving biomass equations for young plantations of poplar and willow clones. Biomass and Bioenergy, 2015, 83, 196-205.	5.7	6
46	Effects of Plant Residue Decomposition on Soil N Availability, Microbial Biomass and Î²-Glucosidase Activity During Soil Fertility Improvement in Ghana. Pedosphere, 2019, 29, 608-618.	4.0	6
47	Indications of shifting microbial communities associated with growing biomass crops on marginal lands in Southern Ontario. Agroforestry Systems, 2020, 94, 735-746.	2.0	6
48	Local Knowledge and Perspectives of Change in Homegardens: A Photovoice Study in Kandy District, Sri Lanka. Sustainability, 2020, 12, 6866.	3.2	6
49	Soil organic carbon enhancement in diverse temperate riparian buffer systems in comparison with adjacent agricultural soils. Agroforestry Systems, 2022, 96, 623-636.	2.0	6
50	Roots alter soil microbial diversity and interkingdom interactions in diversified agricultural landscapes. Oikos, 2023, 2023, .	2.7	6
51	A nutrient-based sustainability assessment of purpose-grown poplar and switchgrass biomass production systems established on marginal lands in Canada. Canadian Journal of Plant Science, 0, , .	0.9	5
52	Toward sustainable land resources management with agroforestry: empirical evidence from the Sunyani west district of Ghana. Agroforestry Systems, 2020, 94, 527-537.	2.0	5
53	Ash removal from various spent liquors by oxidation process for bio-carbon production. Journal of Environmental Chemical Engineering, 2020, 8, 103520.	6.7	3
54	Leaf and root necrosis of soybean are associated with black walnut andFusarium solaniin a tree-based intercrop. Canadian Journal of Plant Pathology, 2008, 30, 294-307.	1.4	0