Rajasekaran R Lada

List of Publications by Year
in descending order

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Version: 2024-02-01

43 papers	516 citations	759233 12 h-index	677142 22 g-index
43 all docs	43 docs citations	43 times ranked	502 citing authors

#	Article	IF	Citations
1	Title is missing!. Plant and Soil, 2003, 253, 381-390.	3.7	153
2	The relationship between water status and chlorophyll a fluorescence in grapes (Vitis spp.). Postharvest Biology and Technology, 2009, 51, 193-199.	6.0	37
3	Ambiol, spermine, and aminoethoxyvinylglycine prevent water stress and protect membranes in Pinus strobus L under drought. Trees - Structure and Function, 2003, 17, 278-284.	1.9	29
4	Ethylene triggers needle abscission in root-detached balsam fir. Trees - Structure and Function, 2010, 24, 879-886.	1.9	27
5	Role of ethylene and jasmonic acid on rhizome induction and growth in rhubarb (Rheum rhabarbarum) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	20
6	Effect of Plant Growth Regulators on Propagule Formation in Hemerocallis spp. and Hosta spp.. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 651-653.	1.0	20
7	Endogenous and exogenous ethylene induces needle abscission and cellulase activity in post-harvest balsam fir (Abies balsamea L.). Trees - Structure and Function, 2011, 25, 947-952.	1.9	16
8	Characterization of phytohormonal and postharvest senescence responses of balsam fir (Abies) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 1545-1553.	1.9	15
9	Postharvest needle abscission resistance of balsam fir (Abies balsamea) is modified by harvest date. Canadian Journal of Forest Research, 2014, 44, 1394-1401.	1.7	15
10	Biophysical and Hormonal Changes Linked to Postharvest Needle Abscission in Balsam Fir. Journal of Plant Growth Regulation, 2014, 33, 602-611.	5.1	14
11	Understanding the Physiology of Postharvest Needle Abscission in Balsam Fir. Frontiers in Plant Science, 2015, 6, 1069.	3.6	14
12	Environmental and Hormonal Physiology of Postharvest Needle Abscission in Christmas Trees. Critical Reviews in Plant Sciences, 2016, 35, 1-17.	5.7	13
13	A comparative physicochemical analysis of maple (Acer saccharum Marsh.) syrup produced in North America with special emphasis on seasonal changes in Nova Scotia maple syrup composition. Journal of Food Composition and Analysis, 2020, 92, 103573.	3.9	12
14	Influence of Humidity and Temperature on Postharvest Needle Abscission in Balsam Fir in the Presence and Absence of Exogenous Ethylene. Hortscience: A Publication of the American Society for Hortcultural Science, 2012, 47, 1328-1332.	1.0	11
15	Ethylene Exposure Duration Affects Postharvest Needle Abscission in Balsam Fir (Abies balsamea L.). Hortscience: A Publication of the American Society for Hortcultural Science, 2011, 46, 260-264.	1.0	10
16	The effects of natural and synthetic seed preconditioning agents (SPAs) in hastening seedling emergence and enhancing yield and quality of processing carrots. Scientia Horticulturae, 2005, 106, 25-37.	3.6	9
17	A new minimum fluorescence parameter, as generated using pulse frequency modulation, compared with pulse amplitude modulation: F Î± versus F o. Photosynthesis Research, 2008, 97, 205-214.	2.9	9
18	CCC and Prohexadione-Ca Enhance Rhizome Growth and Lateral Bud Production in Rhubarb (Rheum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.1	8

#	Article	IF	Citations
19	Temperature and Photoperiod Influence Postharvest Needle Abscission of Selected Balsam Fir (Abies) Tj ETQq1 1 0.784314 rgBT /Ove 843-851.	5.1	7
20	Carrot Yield and Quality as Influenced by Nitrogen Application in Cut-and-Peel Carrots. Communications in Soil Science and Plant Analysis, 2014, 45, 887-895.	1.4	7
21	Vulnerability of low temperature induced needle retention in balsam fir (Abies balsameaL.) to vapor pressure deficits. Scandinavian Journal of Forest Research, 2016, 31, 1-7.	1.4	7
22	Seasonal changes in balsam fir needle abscission patterns and links to environmental factors. Scandinavian Journal of Forest Research, 2017, 32, 438-445.	1.4	6
23	Ambiol Preconditioning Can Induce Drought Tolerance in Abscisic Acid-deficient Tomato Seedlings. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 1890-1894.	1.0	6
24	Crack Development in Individually Quick Frozen Cut and Peel Carrots. Journal of Food Science, 2006, 71, E392-E397.	3.1	5
25	Critical Tissue Identification and Soilâ€“Plant Nutrient Relationships in Dicer Carrot. Communications in Soil Science and Plant Analysis, 2008, 39, 763-788.	1.4	5
26	Leaf Tissue Testing and Soil and Plant Tissue Relationships for Nitrogen Management in Carrots. Communications in Soil Science and Plant Analysis, 2006, 37, 1597-1609.	1.4	4
27	The Benefits of AmbiolÂ® in Promoting Germination, Growth, and Drought Tolerance can be Passed on to Next-Generation Tomato Seedlings. Journal of Plant Growth Regulation, 2010, 29, 357-365.	5.1	4
28	Lipid and fatty acid changes linked to postharvest needle abscission in balsam fir, Abies balsamea. Trees - Structure and Function, 2020, 34, 297-305.	1.9	4
29	Seed Preconditioning with Natural and Synthetic Antioxidants Induces Drought Tolerance in Tomato Seedlings. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 1323-1329.	1.0	4
30	Changes in Endogenous Hormone Levels Explains Seasonal Variation in Balsam Fir Needle Abscission Patterns. Journal of Plant Growth Regulation, 2017, 36, 723-733.	5.1	3
31	Seasonal changes in soil and tissue nutrition in balsam fir and influence on postharvest needle abscission. Scandinavian Journal of Forest Research, 2018, 33, 426-436.	1.4	3
32	Effect of Inflorescence Removal on Propagule Formation of Astilbe Ã—arendsii, Hemerocallis spp., and Hosta spp.. Hortscience: A Publication of the American Society for Hortcultural Science, 2005, 40, 756-759.	1.0	3
33	Effect of light emitting diodes (LEDs) on postharvest needle retention of balsam fir (Abies balsamea L.). Journal of Applied Horticulture, 2012, 14, 13-17.	0.2	3
34	Agroclimatologyâ€Based Yield Model for Carrot Using Multiple Linear Regression and Artificial Neural Networks. Agronomy Journal, 2013, 105, 863-873.	1.8	2
35	Markerâ€trait association analysis for postharvest needle retention/abscission in balsam fir (<i>Abies) Tj ETQq1 1 0.784314 rgBT /Ove	1.9	2
36	Mechanical Shaking and Baling of Balsam Fir Trees Influence Postharvest Needle Senescence and Abscission. American Journal of Plant Sciences, 2018, 09, 339-352.	0.8	2

#	Article	IF	Citations
37	Linking Changes in Fatty Acid Composition to Postharvest Needle Abscission Resistance in Balsam Fir Trees. Forests, 2022, 13, 800.	2.1	2
38	Canopy Volume and Root Length Influence Greenshoulder and Internal Greening in Carrot. International Journal of Vegetable Science, 2009, 15, 116-132.	1.3	1
39	Differences in dehydration rate and ability to rehydrate in contrasting needle abscission resistant balsam fir genotypes. Scientia Horticulturae, 2016, 211, 391-398.	3.6	1
40	Critical Tissues for Nutrient Diagnostics and Optimal Nutrients for Enhancing Yield of Processing Carrots. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 870E-871.	1.0	1
41	Suitability of Different Gels as Seed Carriers and Germination and Emergence Promoters in Processing Carrots. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 612-617.	1.0	1
42	Xylem-fed maple sap accelerates balsam fir needle abscission and but can delay water loss in spring and autumn. Dendrobiology, 0, 76, 157-164.	0.6	1
43	Modifying stomatal conductance delays dehydration but not postharvest needle abscission in Abies balsamea. Dendrobiology, 0, 81, 65-72.	0.6	0