Rajasekaran R Lada

List of Publications by Year
in descending order

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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	Linking Changes in Fatty Acid Composition to Postharvest Needle Abscission Resistance in Balsam Fir Trees. Forests, 2022, 13, 800.	2.1	2
2	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
3	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
4	Markerâ€trait association analysis for postharvest needle retention/abscission in balsam fir (Abies) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	2
5	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
6	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
7	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
8	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
9	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
10	Environmental and Hormonal Physiology of Postharvest Needle Abscission in Christmas Trees. Critical Reviews in Plant Sciences, 2016, 35, 1-17.	5.7	13
11	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
12	Understanding the Physiology of Postharvest Needle Abscission in Balsam Fir. Frontiers in Plant Science, 2015, 6, 1069.	3.6	14
13	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
14	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
15	Biophysical and Hormonal Changes Linked to Postharvest Needle Abscission in Balsam Fir. Journal of Plant Growth Regulation, 2014, 33, 602-611.	5.1	14
16	Temperature and Photoperiod Influence Postharvest Needle Abscission of Selected Balsam Fir (Abies) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 843-851.	5.1	7
17	Agroclimatologyâ€Based Yield Model for Carrot Using Multiple Linear Regression and Artificial Neural Networks. Agronomy Journal, 2013, 105, 863-873.	1.8	2
18	Characterization of phytohormonal and postharvest senescence responses of balsam fir (Abies) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 1545-1553.	1.9	15

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19	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
20	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
21	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
22	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
23	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
24	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
25	Ethylene triggers needle abscission in root-detached balsam fir. Trees - Structure and Function, 2010, 24, 879-886.	1.9	27
26	Canopy Volume and Root Length Influence Greenshoulder and Internal Greening in Carrot. International Journal of Vegetable Science, 2009, 15, 116-132.	1.3	1
27	The relationship between water status and chlorophyll a fluorescence in grapes (Vitis spp.). Postharvest Biology and Technology, 2009, 51, 193-199.	6.0	37
28	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
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	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
31	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
32	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
33	Crack Development in Individually Quick Frozen Cut and Peel Carrots. Journal of Food Science, 2006, 71, E392-E397.	3.1	5
34	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
35	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
36	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

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37	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
38	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
39	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
40	Title is missing!. Plant and Soil, 2003, 253, 381-390.	3.7	153
41	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
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