

# Kerry B Walsh

## List of Publications by Year in descending order

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151  
papers

5,626  
citations

76326

40  
h-index

88630

70  
g-index

153  
all docs

153  
docs citations

153  
times ranked

4618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural product-derived phytochemicals as potential agents against coronaviruses: A review. <i>Virus Research</i> , 2020, 284, 197989.	2.2	337
2	Deep learning “ Method overview and review of use for fruit detection and yield estimation. <i>Computers and Electronics in Agriculture</i> , 2019, 162, 219-234.	7.7	310
3	Deep learning for real-time fruit detection and orchard fruit load estimation: benchmarking of “MangoYOLO”™. <i>Precision Agriculture</i> , 2019, 20, 1107-1135.	6.0	262
4	Visible-NIR “point”™ spectroscopy in postharvest fruit and vegetable assessment: The science behind three decades of commercial use. <i>Postharvest Biology and Technology</i> , 2020, 168, 111246.	6.0	225
5	Short-Wavelength Near-Infrared Spectra of Sucrose, Glucose, and Fructose with Respect to Sugar Concentration and Temperature. <i>Applied Spectroscopy</i> , 2003, 57, 139-145.	2.2	219
6	Estimation of mango crop yield using image analysis “ Segmentation method. <i>Computers and Electronics in Agriculture</i> , 2013, 91, 57-64.	7.7	155
7	Prediction of mango eating quality at harvest using short-wave near infrared spectrometry. <i>Postharvest Biology and Technology</i> , 2007, 43, 326-334.	6.0	136
8	Robustness of calibration models based on near infrared spectroscopy for the in-line grading of stonefruit for total soluble solids content. <i>Analytica Chimica Acta</i> , 2006, 555, 286-291.	5.4	134
9	Sorting of Fruit Using near Infrared Spectroscopy: Application to a Range of Fruit and Vegetables for Soluble Solids and Dry Matter Content. <i>Journal of Near Infrared Spectroscopy</i> , 2004, 12, 141-148.	1.5	132
10	Carbohydrate Supply and N <sub>2</sub> Fixation in Soybean. <i>Plant Physiology</i> , 1987, 85, 137-144.	4.8	121
11	Oxygen limitation of N <sub>2</sub> fixation in stem-girdled and nitrate-treated soybean. <i>Physiologia Plantarum</i> , 1988, 73, 113-121.	5.2	121
12	Detection and quantification of ligands involved in nickel detoxification in a herbaceous Ni hyperaccumulator <i>Stackhousia tryonii</i> Bailey. <i>Journal of Experimental Botany</i> , 2005, 56, 1343-1349.	4.8	115
13	On-Tree Mango Fruit Size Estimation Using RGB-D Images. <i>Sensors</i> , 2017, 17, 2738.	3.8	114
14	The uses of near infra-red spectroscopy in postharvest decision support: A review. <i>Postharvest Biology and Technology</i> , 2020, 163, 111139.	6.0	114
15	Non-invasive assessment of pineapple and mango fruit quality using near infra-red spectroscopy. <i>Australian Journal of Experimental Agriculture</i> , 1997, 37, 253.	1.0	108
16	Machine vision for counting fruit on mango tree canopies. <i>Precision Agriculture</i> , 2017, 18, 224-244.	6.0	103
17	Estimating mango crop yield using image analysis using fruit at “stone hardening”™ stage and night time imaging. <i>Computers and Electronics in Agriculture</i> , 2014, 100, 160-167.	7.7	98
18	Physiology of the legume nodule and its response to stress. <i>Soil Biology and Biochemistry</i> , 1995, 27, 637-655.	8.8	97

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19	Assessment of sugar and starch in intact banana and mango fruit by SWNIR spectroscopy. <i>Postharvest Biology and Technology</i> , 2011, 62, 238-245.	6.0	86
20	Calibration Transfer between PDA-Based NIR Spectrometers in the NIR Assessment of Melon Soluble Solids Content. <i>Applied Spectroscopy</i> , 2001, 55, 647-653.	2.2	79
21	Regulation of O <sub>2</sub> Concentration in Soybean Nodules Observed by <i>in Situ</i> Spectroscopic Measurement of Leghemoglobin Oxygenation. <i>Plant Physiology</i> , 1988, 87, 296-299.	4.8	77
22	Carbon and Nitrogen Assimilation and Partitioning in Soybeans Exposed to Low Root Temperatures. <i>Plant Physiology</i> , 1986, 80, 249-255.	4.8	71
23	Can a limitation in pholem supply to nodules account for the inhibitory effect of nitrate on nitrogenase activity in soybean?. <i>Physiologia Plantarum</i> , 1988, 74, 137-146.	5.2	70
24	Assessment of internal quality attributes of mandarin fruit. 1. NIR calibration model development. <i>Australian Journal of Agricultural Research</i> , 2005, 56, 405.	1.5	70
25	Studies on spatial distribution of nickel in leaves and stems of the metal hyperaccumulator <i>Stackhousia tryonii</i> Bailey using nuclear microprobe (micro-PIXE) and EDXS techniques. <i>Functional Plant Biology</i> , 2004, 31, 1061.	2.1	67
26	Biochar, Bentonite and Zeolite Supplemented Feeding of Layer Chickens Alters Intestinal Microbiota and Reduces <i>Campylobacter</i> Load. <i>PLoS ONE</i> , 2016, 11, e0154061.	2.5	64
27	Maturity estimation of mangoes using hyperspectral imaging from a ground based mobile platform. <i>Computers and Electronics in Agriculture</i> , 2018, 155, 298-313.	7.7	63
28	A remote acceptance probe and illumination configuration for spectral assessment of internal attributes of intact fruit. <i>Measurement Science and Technology</i> , 2000, 11, 1674-1684.	2.6	62
29	Robustness of NIR Calibrations for Soluble Solids in Intact Melon and Pineapple. <i>Journal of Near Infrared Spectroscopy</i> , 1998, 6, 259-265.	1.5	61
30	Mango Fruit Load Estimation Using a Video Based MangoYOLO“Kalman Filter“Hungarian Algorithm Method. <i>Sensors</i> , 2019, 19, 2742.	3.8	58
31	Achieving robustness across season, location and cultivar for a NIRS model for intact mango fruit dry matter content. <i>Postharvest Biology and Technology</i> , 2020, 168, 111202.	6.0	58
32	Non-invasive techniques for measurement of fresh fruit firmness. <i>Postharvest Biology and Technology</i> , 2009, 51, 297-304.	6.0	51
33	The anatomy of the pathway of sucrose unloading within the sugarcane stalk. <i>Functional Plant Biology</i> , 2005, 32, 367.	2.1	47
34	NIRS prediction of dry matter content of single olive fruit with consideration of variable sorting for normalisation pre-treatment. <i>Postharvest Biology and Technology</i> , 2020, 163, 111140.	6.0	47
35	A role for nickel in osmotic adjustment in drought-stressed plants of the nickel hyperaccumulator <i>Stackhousia tryonii</i> Bailey. <i>Planta</i> , 2005, 223, 134-139.	3.2	46
36	Elemental mapping using PIXE shows the main pathway of nickel movement is principally symplastic within the fruit of the hyperaccumulator <i>Stackhousia tryonii</i> . <i>New Phytologist</i> , 2003, 160, 479-488.	7.3	45

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37	Assessment of internal flesh browning in intact apple using visible-short wave near infrared spectroscopy. <i>Postharvest Biology and Technology</i> , 2016, 120, 103-111.	6.0	45
38	Technologies for Forecasting Tree Fruit Load and Harvest Timing—From Ground, Sky and Time. <i>Agronomy</i> , 2021, 11, 1409.	3.0	44
39	Anatomy of the Legume Nodule Cortex With Respect to Nodule Permeability. <i>Functional Plant Biology</i> , 1994, 21, 49.	2.1	43
40	Machine vision assessment of mango orchard flowering. <i>Computers and Electronics in Agriculture</i> , 2018, 151, 501-511.	7.7	43
41	Functional Anatomy of the Oil Glands of <i>Melaleuca alternifolia</i> (Myrtaceae). <i>Australian Journal of Botany</i> , 1995, 43, 629.	0.6	42
42	Symplastic transport in soybean root nodules. <i>Soil Biology and Biochemistry</i> , 1995, 27, 387-399.	8.8	42
43	Limitations to the measurement of intact melon total soluble solids using near infrared spectroscopy. <i>Australian Journal of Agricultural Research</i> , 2006, 57, 403.	1.5	42
44	Achieving robustness across season, location and cultivar for a NIRS model for intact mango fruit dry matter content. II. Local PLS and nonlinear models. <i>Postharvest Biology and Technology</i> , 2021, 171, 111358.	6.0	42
45	Assessment of avocado fruit dry matter content using portable near infrared spectroscopy: Method and instrumentation optimisation. <i>Postharvest Biology and Technology</i> , 2020, 161, 111078.	6.0	41
46	Antioxidative and therapeutic potential of selected Australian plants: A review. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113580.	4.1	37
47	Evaluation of Depth Cameras for Use in Fruit Localization and Sizing: Finding a Successor to Kinect v2. <i>Agronomy</i> , 2021, 11, 1780.	3.0	37
48	Calibration Transfer between Miniature Photodiode Array-Based Spectrometers in the near Infrared Assessment of Mandarin Soluble Solids Content. <i>Journal of Near Infrared Spectroscopy</i> , 2002, 10, 27-35.	1.5	36
49	Manipulation of mango fruit dry matter content to improve eating quality. <i>Scientia Horticulturae</i> , 2017, 226, 316-321.	3.6	35
50	Solvent extractions and spectrophotometric protocols for measuring the total anthocyanin, phenols and antioxidant content in plums. <i>Chemical Papers</i> , 2020, 74, 4481-4492.	2.2	33
51	Nickel, Zn and Cd localisation in seeds of metal hyperaccumulators using $^{57}\text{Fe}$ -PIXE spectroscopy. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2009, 267, 2176-2180.	1.4	30
52	Source - sink manipulation to increase melon ( <i>Cucumis melo</i> L.) fruit biomass and soluble sugar content. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 1241.	1.5	29
53	Zeolite food supplementation reduces abundance of enterobacteria. <i>Microbiological Research</i> , 2017, 195, 24-30.	5.3	29
54	Manure from biochar, bentonite and zeolite feed supplemented poultry: Moisture retention and granulation properties. <i>Journal of Environmental Management</i> , 2018, 216, 82-88.	7.8	29

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55	Application of commercially available, low-cost, miniaturised NIR spectrometers to the assessment of the sugar content of intact fruit. <i>Functional Plant Biology</i> , 2000, 27, 1175.	2.1	29
56	The phytopathology of Australian papaya dieback: a proposed role for the phytoplasma. <i>Physiological and Molecular Plant Pathology</i> , 2001, 58, 23-30.	2.5	28
57	The potential for modification in cloning and vitrification technology to enhance genetic progress in beef cattle in Northern Australia. <i>Animal Reproduction Science</i> , 2014, 148, 91-96.	1.5	28
58	Novel pre-treatment of zeolite materials for the removal of sodium ions: potential materials for coal seam gas co-produced wastewater. <i>SpringerPlus</i> , 2016, 5, 571.	1.2	28
59	Achieving robustness to temperature change of a NIRS-PLSR model for intact mango fruit dry matter content. <i>Postharvest Biology and Technology</i> , 2020, 162, 111117.	6.0	28
60	Detection of phytoplasmas in dieback, yellow crinkle, and mosaic diseases of papaya using polymerase chain reaction techniques. <i>Australian Journal of Agricultural Research</i> , 1996, 47, 387.	1.5	25
61	Deep Learning for Mango ( <i>Mangifera indica</i> ) Panicle Stage Classification. <i>Agronomy</i> , 2020, 10, 143.	3.0	24
62	Attempting to Estimate the Unseenâ€”Correction for Occluded Fruit in Tree Fruit Load Estimation by Machine Vision with Deep Learning. <i>Agronomy</i> , 2021, 11, 347.	3.0	24
63	DNA sequence analysis supports the association of phytoplasmas with papaya ( <i>Carica papaya</i> ) dieback, yellow crinkle and mosaic. <i>Australasian Plant Pathology</i> , 1997, 26, 28.	1.0	22
64	Microbial enhancement of compost extracts based on cattle rumen content compost â€” Characterisation of a system. <i>Bioresource Technology</i> , 2011, 102, 8027-8034.	9.6	22
65	Feed supplementation with biochar may reduce poultry pathogens, including <i>Campylobacter hepaticus</i> , the causative agent of Spotty Liver Disease. <i>PLoS ONE</i> , 2019, 14, e0214471.	2.5	22
66	Irrigation Scheduling to Increase Muskmelon Fruit Biomass and Soluble Solids Concentration. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 367-369.	1.0	21
67	Assessment of quality defects in macadamia kernels using NIR spectroscopy. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 471.	1.5	20
68	Sugar â€œImagingâ€”of Fruit Using a Low Cost Charge-Coupled Device Camera. <i>Journal of Near Infrared Spectroscopy</i> , 2005, 13, 177-186.	1.5	20
69	Classification of intact aÃŸaÃŸ-( <i>Euterpe oleracea</i> Mart.) and juÃŸara ( <i>Euterpe edulis</i> Mart) fruits based on dry matter content by means of near infrared spectroscopy. <i>Food Control</i> , 2015, 50, 630-636.	5.5	20
70	In Field Fruit Sizing Using A Smart Phone Application. <i>Sensors</i> , 2018, 18, 3331.	3.8	20
71	Robustness of Partial Least-Squares Models to Change in Sample Temperature: I. A Comparison of Methods for Sucrose in Aqueous Solution. <i>Journal of Near Infrared Spectroscopy</i> , 2014, 22, 279-286.	1.5	19
72	Estimation of Fruit Load in Australian Mango Orchards Using Machine Vision. <i>Agronomy</i> , 2021, 11, 1711.	3.0	18

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73	Use of near infra-red spectroscopy in evaluation of source-sink manipulation to increase the soluble sugar content of stonefruit. <i>Journal of Horticultural Science and Biotechnology</i> , 2007, 82, 316-322.	1.9	17
74	Changes in microbial and nutrient composition associated with rumen content compost incubation. <i>Bioresource Technology</i> , 2011, 102, 3848-3854.	9.6	16
75	Characterisation of the soil microbial community of cultivated and uncultivated vertisol in Australia under several management regimes. <i>Agriculture, Ecosystems and Environment</i> , 2015, 199, 418-427.	5.3	16
76	Quality evaluation of intact aÃsaÃ and juÃsara fruit by means of near infrared spectroscopy. <i>Postharvest Biology and Technology</i> , 2016, 112, 64-74.	6.0	16
77	Assessment of Titratable Acidity in Fruit Using Short Wave near Infrared Spectroscopy. Part B: Intact Fruit Studies. <i>Journal of Near Infrared Spectroscopy</i> , 2012, 20, 459-463.	1.5	15
78	Robustness of Partial Least-Squares Models to Change in Sample Temperature: II. Application to Fruit Attributes. <i>Journal of Near Infrared Spectroscopy</i> , 2014, 22, 287-295.	1.5	15
79	Advances in techniques for assessment of microalgal lipids. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 566-578.	9.0	15
80	Phenolic profiles and nutritional quality of four new mungbean lines grown in northern Australia. , 2021, 3, e70.		15
81	Anatomy of the Legume Nodule Cortex: Species Survey of Suberisation and Intercellular Glycoprotein. <i>Functional Plant Biology</i> , 1996, 23, 211.	2.1	15
82	Review: The evolution of chemometrics coupled with near infrared spectroscopy for fruit quality evaluation. <i>Journal of Near Infrared Spectroscopy</i> , 2022, 30, 3-17.	1.5	15
83	Australian papaya dieback: evidence against the calcium deficiency hypothesis and observations on the significance of laticifer autofluorescence. <i>Australian Journal of Agricultural Research</i> , 1996, 47, 371.	1.5	14
84	Control of phytoplasma diseases of papaya in Australia using netting. <i>Australasian Plant Pathology</i> , 2006, 35, 49.	1.0	14
85	Biomass and Total Lipid Content Assessment of Microalgal Cultures Using Near and Short Wave Infrared Spectroscopy. <i>Bioenergy Research</i> , 2014, 7, 306-318.	3.9	14
86	Improving Calibration Transfer between Shortwave near Infrared Silicon Photodiode Array Instruments. <i>Journal of Near Infrared Spectroscopy</i> , 2016, 24, 59-68.	1.5	14
87	Phenolic Profiles of Ten Australian Faba Bean Varieties. <i>Molecules</i> , 2021, 26, 4642.	3.8	14
88	Mango maturity classification instead of maturity index estimation: A new approach towards handheld NIR spectroscopy. <i>Infrared Physics and Technology</i> , 2021, 115, 103639.	2.9	13
89	Revegetation of a scalded saline discharge zone in central Queensland. 1. Selection of tree species and evaluation of an establishment technique. <i>Australian Journal of Experimental Agriculture</i> , 1994, 34, 765.	1.0	12
90	Successful Seed Germination of the Nickel Hyperaccumulator <i>Stackhousia tryonii</i> . <i>Annals of Botany</i> , 2005, 96, 159-163.	2.9	12

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91	Partitioning of nutritional and bioactive compounds between the kernel, hull and husk of five new chickpea genotypes grown in Australia. <i>Future Foods</i> , 2021, 4, 100065.	5.4	12
92	Evaluation of a Dry Extract System Involving NIR Spectroscopy (DESIR) for Rapid Assessment of Pesticide Contamination of Fruit Surfaces. <i>American Journal of Analytical Chemistry</i> , 2012, 03, 524-533.	0.9	12
93	Prediction of Brix Values of Intact Peaches with Least Squares-Support Vector Machine Regression Models. <i>Journal of Near Infrared Spectroscopy</i> , 2012, 20, 647-655.	1.5	11
94	Temporal yield variability in subtropical table grape production. <i>Scientia Horticulturae</i> , 2019, 246, 951-956.	3.6	11
95	Comparison of microbially enhanced compost extracts produced from composted cattle rumen content material and from commercially available inocula. <i>Bioresource Technology</i> , 2011, 102, 7994-8002.	9.6	10
96	Temporal and Environmental Sensitivity of a Photodiode Array Spectrophometric System. <i>Journal of Near Infrared Spectroscopy</i> , 2014, 22, 297-304.	1.5	9
97	Can a N <sub>2</sub> -fixing <i>Gluconacetobacter diazotrophicus</i> association with sugarcane be achieved?. <i>Australian Journal of Agricultural Research</i> , 2006, 57, 235.	1.5	8
98	Analysis of factors affecting the availability of air bubbles to subsurface drip irrigation emitters during oxygation. <i>Irrigation Science</i> , 2013, 31, 621-630.	2.8	8
99	In-field monitoring of mango fruit dry matter for maturity estimation. <i>Acta Horticulturae</i> , 2016, , 273-278.	0.2	8
100	Light-emitting diodes as light sources for spectroscopy: Sensitivity to temperature. <i>Journal of Near Infrared Spectroscopy</i> , 2017, 25, 416-422.	1.5	8
101	Biochar Improves Plant Growth and Reduces Nutrient Leaching in Red Clay Loam and Sandy Loam. <i>Hydro Nepal: Journal of Water, Energy &amp; Environment</i> , 0, , 86-90.	0.1	7
102	Microalgal fatty acid composition: rapid assessment using near-infrared spectroscopy. <i>Journal of Applied Phycology</i> , 2016, 28, 85-94.	2.8	7
103	Application of infrared spectroscopy for the prediction of nutritional content and quality assessment of faba bean ( <i>Vicia faba</i> L.). , 2020, 2, e40.		7
104	Carotenoids, ascorbic acid and total phenolic content in the root tissue from five Australian-grown sweet potato cultivars. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2022, 50, 32-47.	1.3	7
105	Assessment of Titratable Acidity in Fruit Using Short Wave near Infrared Spectroscopy. Part A: Establishing a Detection Limit Based on Model Solutions. <i>Journal of Near Infrared Spectroscopy</i> , 2012, 20, 449-457.	1.5	6
106	Effects of biochar addition on plant available water of a loamy sandy soil and consequences on cowpea growth. <i>Acta Horticulturae</i> , 2016, , 357-364.	0.2	6
107	Automated mango flowering assessment via refinement segmentation. , 2016, , .		6
108	Quality Estimation of <i>Agave Tequilana</i> Leaf for Bioethanol Production. <i>Journal of Near Infrared Spectroscopy</i> , 2016, 24, 453-465.	1.5	6

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109	Photoassimilate partitioning in nodulated soybean I. 11C methodology. <i>Journal of Experimental Botany</i> , 1998, 49, 1805-1815.	4.8	6
110	In vitro Cytotoxic Properties of Crude Polar Extracts of Plants Sourced from Australia. <i>Clinical Complementary Medicine and Pharmacology</i> , 2022, 2, 100022.	1.5	6
111	A micropropagation protocol for <i>Melaleuca alternifolia</i> (tea tree). <i>Australian Journal of Experimental Agriculture</i> , 1996, 36, 755.	1.0	5
112	Proton density and apoplastic domains within soybean nodules in relation to the oxygen diffusion barrier. <i>Plant, Cell and Environment</i> , 1997, 20, 1019-1029.	5.7	5
113	SETTING AND MEETING OBJECTIVE STANDARDS FOR EATING QUALITY IN FRESH FRUIT. <i>Acta Horticulturae</i> , 2006, , 191-201.	0.2	5
114	Do Steviol Glycosides Act Either as a Carbon Storage Pool or in Osmoregulation within Leaves of <i>Stevia rebaudiana</i> ?. <i>Journal of Natural Products</i> , 2018, 81, 2357-2363.	3.0	5
115	Internal defect detection in fruit by using NIR spectroscopy. <i>Acta Horticulturae</i> , 2016, , 337-342.	0.2	4
116	Estimation of fruit maturation and ripening using spectral indices. <i>Acta Horticulturae</i> , 2016, , 265-272.	0.2	4
117	Variations in seed and post-harvest residue yields and residues quality of common bean ( <i>Phaseolus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 2.2 4	2.2	4
118	A Simple Isocratic HPLCâ€“UV Method for the Simultaneous Determination of Citrulline and Arginine in Australian Cucurbits and Other Fruits. <i>Food Analytical Methods</i> , 0, , 1.	2.6	4
119	Revegetation of a scalded saline discharge zone in Central Queensland. 2. Water use by vegetation and watertable drawdown. <i>Australian Journal of Experimental Agriculture</i> , 1995, 35, 1131.	1.0	4
120	Characterisation of Selected Mungbean Genotypes for Tolerance to Waterlogging Stress at Pod Filling Stage. <i>Agronomy</i> , 2022, 12, 1663.	3.0	4
121	Analysis of genetic diversity in <i>Cassia brewsteri</i> with randomly amplified DNA fingerprints (RAFTs). <i>Australian Systematic Botany</i> , 2002, 15, 237.	0.9	3
122	Postharvest Regulation and Quality Standards on Fresh Produce. , 2014, , 167-215.		3
123	The evolution of spectrophotometers used in fruit quality assessment. <i>Acta Horticulturae</i> , 2016, , 203-208.	0.2	3
124	Spectrophotometer Ageing and Prediction of Fruit Attributes. <i>Journal of Near Infrared Spectroscopy</i> , 2016, 24, 337-344.	1.5	3
125	HARVESTING QUALITY, WHERE TO START?. <i>Acta Horticulturae</i> , 2015, , 269-276.	0.2	3
126	Improving the Uniformity of Emitter Air Bubble Delivery during Oxygenation. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2014, 140, .	1.0	2



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127	A CASE STUDY OF A DECISION SUPPORT SYSTEM ON MANGO FRUIT MATURITY. Acta Horticulturae, 2015, , 195-204.	0.2	2
128	Automating mango crop yield estimation. Acta Horticulturae, 2016, , 581-588.	0.2	2
129	Fruit sizing in-field using a mobile app. Acta Horticulturae, 2019, , 129-136.	0.2	2
130	Do Steviol Glycosides Provide Ecological Fitness to <i>Stevia rebaudiana</i> through Impact on Dietary Preference of Plant Pests and Herbivores?. Journal of Natural Products, 2019, 82, 1200-1206.	3.0	2
131	Technical note: support tools for maturity estimation. Acta Horticulturae, 2019, , 117-122.	0.2	2
132	In-Field Estimation of Fruit Quality and Quantity. Agronomy, 2022, 12, 1074.	3.0	2
133	Biodegradation of Sugarcane Trash Through Use of Microbially Enhanced Compost Extracts. Compost Science and Utilization, 2012, 20, 34-42.	1.2	1
134	Nondestructive Assessment of Fruit Quality. Contemporary Food Engineering, 2015, , 39-64.	0.2	1
135	CAN VISUAL REFLECTANCE INDICES BE RELATED TO RIPENESS OF BANANA FRUIT?. Acta Horticulturae, 2015, , 67-72.	0.2	1
136	The impact of lamp environment on prediction of peach TSS content. Acta Horticulturae, 2016, , 155-162.	0.2	1
137	Exploring the Potential of High Resolution Satellite Imagery for Yield Prediction of Avocado and Mango Crops. Proceedings (mdpi), 2020, 36, .	0.2	1
138	Using hand-held infrared spectroscopy to guide harvest decisions. Acta Horticulturae, 2019, , 123-128.	0.2	1
139	Near infrared spectroscopy in the characterisation of intact human teeth inside and outside custody bags. Journal of Near Infrared Spectroscopy, 2021, 29, 102-107.	1.5	1
140	An ecological study of the central Queensland ultramafic endemic shrub <i>Neoroepora buxifolia</i> (Picodendraceae), Australia. Australian Journal of Botany, 2015, 63, 269.	0.6	1
141	Using machine vision in mango orchard management. Acta Horticulturae, 2019, , 109-116.	0.2	1
142	Postharvest Regulation and Quality Standards on Fresh Produce. , 2009, , 205-246.		0
143	Fruit internal defect sorting: rejection makes the rest the best. Acta Horticulturae, 2016, , 213-218.	0.2	0
144	Detection of attribute XXX in fruit YYY using NIRS. Acta Horticulturae, 2016, , 141-146.	0.2	0

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145	Water denial to influence mango carbohydrate content. <i>Acta Horticulturae</i> , 2019, , 69-74.	0.2	0
146	Improvement of tablegrape vine fruitfulness by prior season gibberellic acid application during flowering. <i>Journal of Horticultural Science and Biotechnology</i> , 2020, 95, 76-83.	1.9	0
147	Spectrophotometer aging and prediction of total soluble solids. <i>Acta Horticulturae</i> , 2016, , 209-212.	0.2	0
148	Biochar, zeolite and bentonite feed supplements influence broiler growth and meat yield and excreta properties. , 0, , .		0
149	Effect of stabilised hydrogen peroxide on seed germination and seedling growth and its implication for managing drip irrigation. <i>Acta Horticulturae</i> , 2019, , 125-132.	0.2	0
150	Poor inflorescence development of "Menindee Seedless"™ grapevines in the subtropics leads to low fertility. <i>Journal of Horticultural Science and Biotechnology</i> , 0, , 1-10.	1.9	0
151	Postharvest regulation and quality standards on fresh produce. , 2022, , 51-98.		0