

Ep Heuvelink

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6573857/publications.pdf>

Version: 2024-02-01

191
papers

5,480
citations

94269

37
h-index

114278

63
g-index

191
all docs

191
docs citations

191
times ranked

3645
citing authors

#	ARTICLE	IF	CITATIONS
1	Light use efficiency of lettuce cultivation in vertical farms compared with greenhouse and field. <i>Food and Energy Security</i> , 2023, 12, .	2.0	15
2	Effects of Green Light on Elongation Do Not Interact with Far-Red, Unless the Phytochrome Photostationary State (PSS) Changes in Tomato. <i>Biology</i> , 2022, 11, 151.	1.3	7
3	Does tomato breeding for improved performance under LED supplemental lighting make sense?. <i>Euphytica</i> , 2022, 218, 1.	0.6	0
4	Production of <i>Catharanthus roseus</i> in vertical farming systems: dynamic analyses of plant morphological responses of nine cultivars to N-UV supplementation. <i>Acta Horticulturae</i> , 2022, , 217-224.	0.1	0
5	Both major QTL and plastid-based inheritance of intumescence in diverse tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Ove 574-584.	1.0	2
6	Yield dissection models to improve yield: a case study in tomato. <i>In Silico Plants</i> , 2021, 3, .	0.8	6
7	An analysis of simulated yield data for pepper shows how genotype × environment interaction in yield can be understood in terms of yield components and their QTLs. <i>Crop Science</i> , 2021, 61, 1826-1842.	0.8	5
8	LED and HPS Supplementary Light Differentially Affect Gas Exchange in Tomato Leaves. <i>Plants</i> , 2021, 10, 810.	1.6	9
9	Towards delivering on the sustainable development goals in greenhouse production systems. <i>Resources, Conservation and Recycling</i> , 2021, 169, 105379.	5.3	35
10	Row orientation affects the uniformity of light absorption, but hardly affects crop photosynthesis in hedgerow tomato crops. <i>In Silico Plants</i> , 2021, 3, .	0.8	8
11	LED Intercanopy Lighting in Blackberry During Spring Improves Yield as a Result of Increased Number of Fruiting Laterals and Has a Positive Carryover Effect on Autumn Yield. <i>Frontiers in Plant Science</i> , 2021, 12, 620642.	1.7	2
12	Green light reduces elongation when partially replacing sole blue light independently from cryptochrome 1a. <i>Physiologia Plantarum</i> , 2021, 173, 1946-1955.	2.6	7
13	Genetic mapping of the tomato quality traits brix and blossom-end rot under supplemental LED and HPS lighting conditions. <i>Euphytica</i> , 2021, 217, 1.	0.6	4
14	Current status and future challenges in implementing and upscaling vertical farming systems. <i>Nature Food</i> , 2021, 2, 944-956.	6.2	154
15	Far-red radiation stimulates dry mass partitioning to fruits by increasing fruit sink strength in tomato. <i>New Phytologist</i> , 2020, 228, 1914-1925.	3.5	51
16	High Stomatal Conductance in the Tomato Flacca Mutant Allows for Faster Photosynthetic Induction. <i>Frontiers in Plant Science</i> , 2020, 11, 1317.	1.7	20
17	Vertical Farming: Moving from Genetic to Environmental Modification. <i>Trends in Plant Science</i> , 2020, 25, 724-727.	4.3	109
18	Estimation of tomato yield gaps for greenhouse in Uruguay. <i>Scientia Horticulturae</i> , 2020, 265, 109250.	1.7	10

#	ARTICLE	IF	CITATIONS
19	Floral Induction in the Short-Day Plant Chrysanthemum Under Blue and Red Extended Long-Days. <i>Frontiers in Plant Science</i> , 2020, 11, 610041.	1.7	11
20	Adding Far-Red to Red-Blue Light-Emitting Diode Light Promotes Yield of Lettuce at Different Planting Densities. <i>Frontiers in Plant Science</i> , 2020, 11, 609977.	1.7	30
21	Plant Factories Are Heating Up: Hunting for the Best Combination of Light Intensity, Air Temperature and Root-Zone Temperature in Lettuce Production. <i>Frontiers in Plant Science</i> , 2020, 11, 592171.	1.7	41
22	Dissecting the Genotypic Variation of Growth Responses to Far-Red Radiation in Tomato. <i>Frontiers in Plant Science</i> , 2020, 11, 614714.	1.7	2
23	Special issue in honour of Prof. Reto J. Strasser - Phenotyping with fast fluorescence sensors approximates yield component measurements in pepper (<i>Capsicum annum</i> L.). <i>Photosynthetica</i> , 2020, 58, 622-637.	0.9	1
24	Far-red radiation increases dry mass partitioning to fruits but reduces <i>Botrytis cinerea</i> resistance in tomato. <i>Environmental and Experimental Botany</i> , 2019, 168, 103889.	2.0	51
25	High light accelerates potato flowering independently of the FT-like flowering signal StSP3D. <i>Environmental and Experimental Botany</i> , 2019, 160, 35-44.	2.0	9
26	The tuberization signal StSP6A represses flower bud development in potato. <i>Journal of Experimental Botany</i> , 2019, 70, 937-948.	2.4	35
27	Coincidence of potato CONSTANS (StCOL1) expression and light cannot explain night break repression of tuberization. <i>Physiologia Plantarum</i> , 2019, 167, 250-263.	2.6	4
28	Acclimation of photosynthesis to lightflecks in tomato leaves: interaction with progressive shading in a growing canopy. <i>Physiologia Plantarum</i> , 2018, 162, 506-517.	2.6	27
29	Sustainable crop production in greenhouses based on understanding crop physiology. <i>Acta Horticulturae</i> , 2018, , 1-12.	0.1	5
30	Adding Blue to Red Supplemental Light Increases Biomass and Yield of Greenhouse-Grown Tomatoes, but Only to an Optimum. <i>Frontiers in Plant Science</i> , 2018, 9, 2002.	1.7	100
31	Crop growth and yield.. , 2018, , 89-136.		8
32	Photosynthetic induction and its diffusional, carboxylation and electron transport processes as affected by CO ₂ partial pressure, temperature, air humidity and blue irradiance. <i>Annals of Botany</i> , 2017, 119, 191-205.	1.4	73
33	Productivity of a building-integrated roof top greenhouse in a Mediterranean climate. <i>Agricultural Systems</i> , 2017, 158, 14-22.	3.2	26
34	Moderate salinity improves stomatal functioning in rose plants grown at high relative air humidity. <i>Environmental and Experimental Botany</i> , 2017, 143, 1-9.	2.0	6
35	Elevated CO ₂ increases photosynthesis in fluctuating irradiance regardless of photosynthetic induction state. <i>Journal of Experimental Botany</i> , 2017, 68, 5629-5640.	2.4	38
36	Propagation by Cuttings â†. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
37	Effects of Diffuse Light on Radiation Use Efficiency of Two Anthurium Cultivars Depend on the Response of Stomatal Conductance to Dynamic Light Intensity. <i>Frontiers in Plant Science</i> , 2016, 7, 56.	1.7	17
38	Plant growth architecture and production dynamics : A set of e-learning resources. , 2016, , .		0
39	Blue and red LED lighting effects on plant biomass, stomatal conductance, and metabolite content in nine tomato genotypes. <i>Acta Horticulturae</i> , 2016, , 251-258.	0.1	64
40	Regulating flower and tuber formation in potato with light spectrum and day length. <i>Acta Horticulturae</i> , 2016, , 267-276.	0.1	4
41	Gene expression and physiological responses associated to stomatal functioning in <i>Rosa</i> —hybrida grown at high relative air humidity. <i>Plant Science</i> , 2016, 253, 154-163.	1.7	8
42	Metabolic and diffusional limitations of photosynthesis in fluctuating irradiance in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2016, 6, 31252.	1.6	76
43	Antitranspirant compounds alleviate the mild-desiccation-induced reduction of vase life in cut roses. <i>Postharvest Biology and Technology</i> , 2016, 117, 110-117.	2.9	33
44	Root-to-shoot ABA signaling does not contribute to genotypic variation in stomatal functioning induced by high relative air humidity. <i>Environmental and Experimental Botany</i> , 2016, 123, 13-21.	2.0	31
45	Light mediated regulation of cell division, endoreduplication and cell expansion. <i>Environmental and Experimental Botany</i> , 2016, 121, 39-47.	2.0	27
46	New Non-invasive Tools for Early Plant Stress Detection. <i>Procedia Environmental Sciences</i> , 2015, 29, 249-250.	1.3	3
47	Physiological Processes Affected by Low Night Temperatures in Sweet Pepper Plants. <i>Procedia Environmental Sciences</i> , 2015, 29, 253-254.	1.3	2
48	EFFECTS OF AIR HUMIDITY AND AIR MOVEMENT ON GROWTH, VISUAL QUALITY AND POST-PRODUCTION STRESS TOLERANCE OF POT ROSE 'TORIL'. <i>Acta Horticulturae</i> , 2015, , 273-278.	0.1	0
49	Elevated air movement enhances stomatal sensitivity to abscisic acid in leaves developed at high relative air humidity. <i>Frontiers in Plant Science</i> , 2015, 6, 383.	1.7	19
50	Quantifying the source-sink balance and carbohydrate content in three tomato cultivars. <i>Frontiers in Plant Science</i> , 2015, 6, 416.	1.7	47
51	A knowledge-and-data-driven modeling approach for simulating plant growth: A case study on tomato growth. <i>Ecological Modelling</i> , 2015, 312, 363-373.	1.2	41
52	Spatial heterogeneity in stomatal features during leaf elongation: an analysis using <i>Rosa hybrida</i> . <i>Functional Plant Biology</i> , 2015, 42, 737.	1.1	31
53	What drives fruit growth?. <i>Functional Plant Biology</i> , 2015, 42, 817.	1.1	25
54	Growth response and radiation use efficiency in tomato exposed to short-term and long-term salinized soils. <i>Scientia Horticulturae</i> , 2015, 189, 139-149.	1.7	23

#	ARTICLE	IF	CITATIONS
55	QTL analysis for stomatal functioning in tetraploid <i>Rosa</i> – <i>Hybrida</i> grown at high relative air humidity and its implications on postharvest longevity. <i>Molecular Breeding</i> , 2015, 35, 1.	1.0	28
56	A multilevel analysis of fruit growth of two tomato cultivars in response to fruit temperature. <i>Physiologia Plantarum</i> , 2015, 153, 403-418.	2.6	12
57	Fruit illumination stimulates cell division but has no detectable effect on fruit size in tomato (<i>Solanum lycopersicum</i>). <i>Physiologia Plantarum</i> , 2015, 154, 114-127.	2.6	10
58	Dynamic photosynthesis in different environmental conditions. <i>Journal of Experimental Botany</i> , 2015, 66, 2415-2426.	2.4	173
59	Crop management impacts the efficiency of quantitative trait loci (QTL) detection and use: case study of fruit load–QTL interactions. <i>Journal of Experimental Botany</i> , 2014, 65, 11-22.	2.4	16
60	Responses of two <i>Anthurium</i> cultivars to high daily integrals of diffuse light. <i>Scientia Horticulturae</i> , 2014, 179, 306-313.	1.7	28
61	Enhancement of crop photosynthesis by diffuse light: quantifying the contributing factors. <i>Annals of Botany</i> , 2014, 114, 145-156.	1.4	131
62	A single locus confers tolerance to continuous light and allows substantial yield increase in tomato. <i>Nature Communications</i> , 2014, 5, 4549.	5.8	83
63	Axillary Budbreak in a Cut Rose Crop as Influenced by Light Intensity and Red:far-red Ratio at Bud Level. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 131-138.	0.5	6
64	A comprehensive analysis of the physiological and anatomical components involved in higher water loss rates after leaf development at high humidity. <i>Journal of Plant Physiology</i> , 2013, 170, 890-898.	1.6	93
65	Genetic and QTL analyses of yield and a set of physiological traits in pepper. <i>Euphytica</i> , 2013, 190, 181-201.	0.6	25
66	Public multi-criteria assessment for societal concerns and gradual labelling. <i>Food Policy</i> , 2013, 40, 97-108.	2.8	8
67	Physiological and morphological changes during early and later stages of fruit growth in <i>Capsicum annuum</i> . <i>Physiologia Plantarum</i> , 2013, 147, 396-406.	2.6	24
68	A dynamic model of tomato fruit growth integrating cell division, cell growth and endoreduplication. <i>Functional Plant Biology</i> , 2013, 40, 1098.	1.1	31
69	Four Hypotheses to Explain Axillary Budbreak after Removal of Flower Shoots in a Cut-rose Crop. <i>Journal of the American Society for Horticultural Science</i> , 2013, 138, 243-252.	0.5	7
70	Histological and molecular investigation of the basis for variation in tomato fruit size in response to fruit load and genotype. <i>Functional Plant Biology</i> , 2012, 39, 754.	1.1	9
71	BREEDING CUT ROSES FOR BETTER KEEPING QUALITY: FIRST STEPS. <i>Acta Horticulturae</i> , 2012, , 875-882.	0.1	17
72	CONTINUOUS LIGHT AS A WAY TO INCREASE GREENHOUSE TOMATO PRODUCTION: EXPECTED CHALLENGES. <i>Acta Horticulturae</i> , 2012, , 51-57.	0.1	23

#	ARTICLE	IF	CITATIONS
73	Auxin-induced Fruit Set in <i>Capsicum annuum</i> L. Requires Downstream Gibberellin Biosynthesis. <i>Journal of Plant Growth Regulation</i> , 2012, 31, 570-578.	2.8	24
74	A virtual plant that responds to the environment like a real one: the case for chrysanthemum. <i>New Phytologist</i> , 2012, 195, 384-395.	3.5	32
75	Postharvest water relations in cut rose cultivars with contrasting sensitivity to high relative air humidity during growth. <i>Postharvest Biology and Technology</i> , 2012, 64, 64-73.	2.9	76
76	Evaluation of diel patterns of relative changes in cell turgor of tomato plants using leaf patch clamp pressure probes. <i>Physiologia Plantarum</i> , 2012, 146, 439-447.	2.6	12
77	Model Selection for Nondestructive Quantification of Fruit Growth in Pepper. <i>Journal of the American Society for Horticultural Science</i> , 2012, 137, 71-79.	0.5	20
78	Response of Cell Division and Cell Expansion to Local Fruit Heating in Tomato Fruit. <i>Journal of the American Society for Horticultural Science</i> , 2012, 137, 294-301.	0.5	19
79	QTL ANALYSES ON GENOTYPE-SPECIFIC COMPONENT TRAITS IN A CROP SIMULATION MODEL FOR <i>CAPSICUM ANNUUM</i> L. <i>Acta Horticulturae</i> , 2012, , 197-203.	0.1	0
80	EXPLAINING TOMATO FRUIT GROWTH BY A MULTI-SCALE MODEL ON REGULATION OF CELL DIVISION, CELL GROWTH AND CARBOHYDRATE DYNAMICS. <i>Acta Horticulturae</i> , 2012, , 167-172.	0.1	0
81	Quantifying abortion rates of reproductive organs and effects of contributing factors using time-to-event analysis. <i>Functional Plant Biology</i> , 2011, 38, 431.	1.1	12
82	Avoiding high relative air humidity during critical stages of leaf ontogeny is decisive for stomatal functioning. <i>Physiologia Plantarum</i> , 2011, 142, 274-286.	2.6	65
83	Parthenocarpic potential in <i>Capsicum annuum</i> L. is enhanced by carpelloid structures and controlled by a single recessive gene. <i>BMC Plant Biology</i> , 2011, 11, 143.	1.6	20
84	Simulation of fruit-set and trophic competition and optimization of yield advantages in six <i>Capsicum</i> cultivars using functional structural plant modelling. <i>Annals of Botany</i> , 2011, 107, 793-803.	1.4	22
85	STOCHASTIC DYNAMIC SIMULATION OF FRUIT ABORTION: A CASE STUDY OF SWEET PEPPER. <i>Acta Horticulturae</i> , 2011, , 765-772.	0.1	3
86	GENOTYPIC VARIATION OF CUT CHRYSANTHEMUM RESPONSE TO HIGH CO ₂ CONCENTRATION: GROWTH, TIME TO FLOWERING AND VISUAL QUALITY. <i>Acta Horticulturae</i> , 2011, , 839-848.	0.1	1
87	EFFECT OF RELATIVE AIR HUMIDITY ON THE STOMATAL FUNCTIONALITY IN FULLY DEVELOPED LEAVES. <i>Acta Horticulturae</i> , 2010, , 83-88.	0.1	4
88	Differences in N uptake and fruit quality between organically and conventionally grown greenhouse tomatoes. <i>Agronomy for Sustainable Development</i> , 2010, 30, 797-806.	2.2	37
89	CUT-ROSE PRODUCTION IN RESPONSE TO PLANTING DENSITY IN TWO CONTRASTING CULTIVARS. <i>Acta Horticulturae</i> , 2010, , 47-54.	0.1	1
90	Quantification of temperature, CO ₂ , and light effects on crop photosynthesis as a basis for model-based greenhouse climate control. <i>Journal of Horticultural Science and Biotechnology</i> , 2009, 84, 233-239.	0.9	21

#	ARTICLE	IF	CITATIONS
91	Abortion of reproductive organs in sweet pepper (<i>Capsicum annuum</i> L.): a review. Journal of Horticultural Science and Biotechnology, 2009, 84, 467-475.	0.9	35
92	Genetic differences in fruit-set patterns are determined by differences in fruit sink strength and a source : sink threshold for fruit set. Annals of Botany, 2009, 104, 957-964.	1.4	32
93	Modeling the Growth of Inflorescence. , 2009, , .		2
94	Parameter Estimation and Growth Variation Analysis in Six Capsicum Cultivars with the Functional-Structural Model GreenLab. , 2009, , .		2
95	CULTIVAR DIFFERENCES IN THE STOMATAL CHARACTERISTICS OF CUT ROSES GROWN AT HIGH RELATIVE HUMIDITY. Acta Horticulturae, 2009, , 251-258.	0.1	9
96	SIMULATING GROWTH AND DEVELOPMENT OF TOMATO CROP. Acta Horticulturae, 2009, , 101-110.	0.1	23
97	Coupling Process-Based Models and Plant Architectural Models: A Key Issue for Simulating Crop Production. , 2009, , 130-147.		14
98	Fruit Set and Yield Patterns in Six Capsicum Cultivars. Hortscience: A Publication of the American Society for Horticultural Science, 2009, 44, 1296-1301.	0.5	19
99	Genotypic Variation in the Response to Suboptimal Temperature at Different Plant Densities in Cut Chrysanthemum. Journal of the American Society for Horticultural Science, 2009, 134, 31-40.	0.5	1
100	Physiological and Morphological Changes Over the Past 50 Years in Yield Components in Tomato. Journal of the American Society for Horticultural Science, 2009, 134, 460-465.	0.5	103
101	Plant Growth Models. , 2008, , 2824-2837.		27
102	NEW DEVELOPMENTS IN GREENHOUSE TECHNOLOGY CAN MITIGATE THE WATER SHORTAGE PROBLEM OF THE 21ST CENTURY. Acta Horticulturae, 2008, , 45-52.	0.1	30
103	CLIMATE AND YIELD IN A CLOSED GREENHOUSE. Acta Horticulturae, 2008, , 1083-1092.	0.1	48
104	INNOVATION IN PLANT-GREENHOUSE INTERACTIONS AND CROP MANAGEMENT. Acta Horticulturae, 2008, , 63-74.	0.1	12
105	DECISION SUPPORT FOR OPTIMISING ENERGY CONSUMPTION IN EUROPEAN GREENHOUSES. Acta Horticulturae, 2008, , 803-810.	0.1	7
106	TECHNICAL SOLUTIONS TO PREVENT HEAT STRESS INDUCED CROP GROWTH REDUCTION FOR THREE CLIMATIC REGIONS IN MEXICO. Acta Horticulturae, 2008, , 1251-1258.	0.1	2
107	MODELLING VISUAL QUALITY OF KALANCHOE BLOSSFELDIANA: INFLUENCE OF CULTIVAR AND POT SIZE. Acta Horticulturae, 2008, , 1069-1076.	0.1	1
108	SELECTION OF SWEET PEPPER (CAPSICUM ANNUUM L.) GENOTYPES FOR PARTHENO-CARPIC FRUIT GROWTH. Acta Horticulturae, 2007, , 135-140.	0.1	9

#	ARTICLE	IF	CITATIONS
109	ANATOMY AND MORPHOLOGY OF ROOTING IN LEAFY ROSE STEM CUTTINGS AND STARCH DYNAMICS FOLLOWING SEVERANCE. <i>Acta Horticulturae</i> , 2007, , 495-502.	0.1	16
110	Nitrogen uptake efficiency by white cedar under different irrigation and fertilisation strategies on a sandy soil: model calculations. <i>Journal of Horticultural Science and Biotechnology</i> , 2007, 82, 451-459.	0.9	0
111	Effect of electrical conductivity, fruit pruning, and truss position on quality in greenhouse tomato fruit. <i>Journal of Horticultural Science and Biotechnology</i> , 2007, 82, 488-494.	0.9	30
112	SURVIVAL ANALYSIS OF FLOWER AND FRUIT ABORTION IN SWEET PEPPER. <i>Acta Horticulturae</i> , 2007, , 617-624.	0.1	7
113	Breeding for a more energy efficient greenhouse tomato: past and future perspectives. <i>Euphytica</i> , 2007, 158, 129-138.	0.6	27
114	Functional-Structural Modelling of Chrysanthemum. , 2007, , 199-208.		3
115	Concepts of Modelling Carbon Allocation Among Plant Organs. , 2007, , 103-111.		30
116	WILD RELATIVES AS A SOURCE FOR SUB-OPTIMAL TEMPERATURE TOLERANCE IN TOMATO. <i>Acta Horticulturae</i> , 2007, , 127-133.	0.1	7
117	Variation Between Cut Chrysanthemum Cultivars in Response to Suboptimal Temperature. <i>Journal of the American Society for Horticultural Science</i> , 2007, 132, 52-59.	0.5	4
118	Stochastic Simulation of Fruit Set in Sweet Pepper. , 2006, , .		0
119	Concepts to Model Growth and Development of Plants. , 2006, , .		1
120	BUILDING VIRTUAL CHRYSANTHEMUM BASED ON SINK-SOURCE RELATIONSHIPS: PRELIMINARY RESULTS. <i>Acta Horticulturae</i> , 2006, , 129-136.	0.1	16
121	The influence of temperature on growth and development of chrysanthemum cultivars. <i>Journal of Horticultural Science and Biotechnology</i> , 2006, 81, 174-182.	0.9	35
122	HORTICULTURAL LIGHTING IN THE NETHERLANDS: NEW DEVELOPMENTS. <i>Acta Horticulturae</i> , 2006, , 25-34.	0.1	60
123	COMBINED EFFECTS OF LIGHT AND TEMPERATURE ON PRODUCT QUALITY OF KALANCHOE BLOSSFELDIANA. <i>Acta Horticulturae</i> , 2006, , 121-126.	0.1	8
124	MODELLING DRY MATTER PRODUCTION AND PARTITIONING IN SWEET PEPPER. <i>Acta Horticulturae</i> , 2006, , 121-128.	0.1	38
125	IMPROVING PRODUCT QUALITY AND TIMING OF KALANCHOE: MODEL DEVELOPMENT AND VALIDATION. <i>Acta Horticulturae</i> , 2006, , 655-662.	0.1	1
126	A FUNCTIONAL-STRUCTURAL MODEL OF CHRYSANTHEMUM FOR PREDICTION OF ORNAMENTAL QUALITY. <i>Acta Horticulturae</i> , 2006, , 59-66.	0.1	4

#	ARTICLE	IF	CITATIONS
127	Role of sink-source relationships in chrysanthemum flower size and total biomass production. <i>Physiologia Plantarum</i> , 2006, 128, 263-273.	2.6	6
128	Temperature affects <i>Chrysanthemum</i> flower characteristics differently during three phases of the cultivation period. <i>Journal of Horticultural Science and Biotechnology</i> , 2005, 80, 209-216.	0.9	20
129	TOMATO YIELD IN A CLOSED GREENHOUSE AND COMPARISON WITH SIMULATED YIELDS IN CLOSED AND CONVENTIONAL GREENHOUSES. <i>Acta Horticulturae</i> , 2005, , 549-552.	0.1	24
130	MODELLING NUTRIENT UPTAKE OF SWEET PEPPER. <i>Acta Horticulturae</i> , 2005, , 285-292.	0.1	16
131	EFFECT OF LEAF AREA ON TOMATO YIELD. <i>Acta Horticulturae</i> , 2005, , 43-50.	0.1	55
132	Influence of sub-optimal temperature on tomato growth and yield: a review. <i>Journal of Horticultural Science and Biotechnology</i> , 2005, 80, 652-659.	0.9	148
133	THE BIOLOGICAL SHIFT FACTOR: BIOLOGICAL AGE AS A TOOL FOR MODELLING IN PRE- AND POSTHARVEST HORTICULTURE. <i>Acta Horticulturae</i> , 2005, , 39-46.	0.1	47
134	PLANT HEIGHT FORMATION IN DIFFERENT CULTIVARS OF KALANCHOE. <i>Acta Horticulturae</i> , 2005, , 83-90.	0.1	4
135	Introduction: the tomato crop and industry.. , 2005, , 1-19.		19
136	CULTIVAR DIFFERENCES IN TEMPERATURE DEMAND OF CUT CHRYSANTHEMUM. <i>Acta Horticulturae</i> , 2005, , 91-98.	0.1	1
137	TWO INSTEAD OF THREE LEAVES BETWEEN TOMATO TRUSSES: MEASURED AND SIMULATED EFFECTS ON PARTITIONING AND YIELD. <i>Acta Horticulturae</i> , 2004, , 303-308.	0.1	9
138	MODELLING GROWTH OF THE PRIMARY SHOOT OF ROSE. <i>Acta Horticulturae</i> , 2004, , 279-286.	0.1	4
139	MODELLING PRODUCT QUALITY IN HORTICULTURE: AN OVERVIEW. <i>Acta Horticulturae</i> , 2004, , 19-30.	0.1	11
140	Flower and fruit abortion in sweet pepper in relation to source and sink strength. <i>Journal of Experimental Botany</i> , 2004, 55, 2261-2268.	2.4	165
141	Daily Temperature Integration: a Simulation Study to quantify Energy Consumption. <i>Biosystems Engineering</i> , 2004, 87, 333-343.	1.9	33
142	HOW TO REDUCE YIELD FLUCTUATIONS IN SWEET PEPPER?. <i>Acta Horticulturae</i> , 2004, , 349-355.	0.1	29
143	CALIBRATION AND VALIDATION OF COMPLEX AND SIMPLIFIED TOMATO GROWTH MODELS FOR CONTROL PURPOSES IN THE SOUTHEAST OF SPAIN. <i>Acta Horticulturae</i> , 2004, , 147-154.	0.1	19
144	NUTRIENT SUPPLY IN SOILLESS CULTURE: ON-DEMAND STRATEGIES. <i>Acta Horticulturae</i> , 2004, , 533-540.	0.1	7

#	ARTICLE	IF	CITATIONS
145	A CONCEPTUAL DYNAMIC MODEL FOR EXTERNAL QUALITY IN KALANCHOE. <i>Acta Horticulturae</i> , 2004, , 263-270.	0.1	6
146	MODELLING EXTERNAL QUALITY OF CUT CHRYSANTHEMUM: ACHIEVEMENTS AND LIMITATIONS. <i>Acta Horticulturae</i> , 2004, , 287-294.	0.1	7
147	Dry mass production and leaf area development of field-grown ornamental conifers: measurements and simulation. <i>Agricultural Systems</i> , 2003, 78, 337-353.	3.2	11
148	Simulation of Leaf Area Development Based on Dry Matter Partitioning and Specific Leaf Area for Cut Chrysanthemum. <i>Annals of Botany</i> , 2003, 91, 319-327.	1.4	21
149	Effect of assimilate availability on flower characteristics and plant height of cut chrysanthemum: an integrated study. <i>Journal of Horticultural Science and Biotechnology</i> , 2003, 78, 711-720.	0.9	25
150	SALINITY EFFECTS ON FRUIT YIELD IN VEGETABLE CROPS: A SIMULATION STUDY. <i>Acta Horticulturae</i> , 2003, , 133-140.	0.1	17
151	INTERACTIVE EFFECTS OF DURATION OF LONG-DAY PERIOD AND PLANT DENSITY ON EXTERNAL QUALITY OF CUT CHRYSANTHEMUM. <i>Acta Horticulturae</i> , 2003, , 335-342.	0.1	5
152	WATER AND NUTRIENT UPTAKE OF SWEET PEPPER AND TOMATO AS (UN) AFFECTED BY WATERING REGIME AND SALINITY. <i>Acta Horticulturae</i> , 2003, , 591-597.	0.1	9
153	GROWTH DYNAMICS AND OCCURRENCE OF CRAKCS IN KOHLRABI TUBERS (BRASSICA OLERACEA VAR.) Tj ETQq1 1 0.7843 14 rgBT / 0.1	0.1	14
154	Effect of Day and Night Temperature on Internode and Stem Length in Chrysanthemum: Is Everything Explained by DIF?. <i>Annals of Botany</i> , 2002, 90, 111-118.	1.4	58
155	Modelling of Temperature-controlled Internode Elongation Applied to Chrysanthemum. <i>Annals of Botany</i> , 2002, 90, 353-359.	1.4	14
156	THE LATEST DEVELOPMENTS IN THE LIGHTING TECHNOLOGIES IN DUTCH HORTICULTURE. <i>Acta Horticulturae</i> , 2002, , 35-42.	0.1	15
157	LIGHT ON CUT CHRYSANTHEMUM: MEASUREMENT AND SIMULATION OF CROP GROWTH AND YIELD. <i>Acta Horticulturae</i> , 2002, , 197-202.	0.1	7
158	Effects of planting date and plant density on crop growth of cut chrysanthemum. <i>Journal of Horticultural Science and Biotechnology</i> , 2002, 77, 238-247.	0.9	15
159	EFFECT OF LIGHT INTENSITY, PLANT DENSITY, AND FLOWER BUD REMOVAL ON THE FLOWER SIZE AND NUMBER IN CUT CHRYSANTHEMUM. <i>Acta Horticulturae</i> , 2002, , 33-38.	0.1	3
160	Title is missing!. <i>Plant and Soil</i> , 2002, 243, 161-171.	1.8	14
161	A SIMULATION STUDY ON THE INTERACTIVE EFFECTS OF RADIATION AND PLANT DENSITY ON GROWTH OF CUT CHRYSANTHEMUM. <i>Acta Horticulturae</i> , 2002, , 151-157.	0.1	5
162	Parthenocarpic Fruit Growth Reduces Yield Fluctuation and Blossom-end Rot in Sweet Pepper. <i>Annals of Botany</i> , 2001, 88, 69-74.	1.4	58

#	ARTICLE	IF	CITATIONS
163	Influence of greenhouse climate and plant density on external quality of chrysanthemum (<i>Dendranthema grandiflorum</i> (Ramat.) Kitamura): First steps towards a quality model. <i>Journal of Horticultural Science and Biotechnology</i> , 2001, 76, 249-258.	0.9	25
164	MODELLING VISUAL PRODUCT QUALITY IN CUT CHRYSANTHEMUM. <i>Acta Horticulturae</i> , 2001, , 77-84.	0.1	4
165	Evaluation of a Dynamic Simulation Model for Tomato Crop Growth and Development. <i>Annals of Botany</i> , 1999, 83, 413-422.	1.4	137
166	MODELLING FRUIT SET, FRUIT GROWTH AND DRY MATTER PARTITIONING. <i>Acta Horticulturae</i> , 1999, , 39-50.	0.1	15
167	Modelling biomass production and yield of horticultural crops: a review. <i>Scientia Horticulturae</i> , 1998, 74, 83-111.	1.7	364
168	HORTISIM: A MODEL FOR GREENHOUSE CROPS AND GREENHOUSE CLIMATE. <i>Acta Horticulturae</i> , 1998, , 441-450.	0.1	36
169	MODEL APPLICATION IN HORTICULTURAL PRACTICE: SUMMARY OF DISCUSSION GROUPS. <i>Acta Horticulturae</i> , 1998, , 533-534.	0.1	4
170	Pithiness and Growth of Radish Tubers as Affected by Irradiance and Plant Density. <i>Annals of Botany</i> , 1997, 79, 397-402.	1.4	17
171	Effect of fruit load on dry matter partitioning in tomato. <i>Scientia Horticulturae</i> , 1997, 69, 51-59.	1.7	77
172	Dry Matter Partitioning in Tomato: Validation of a Dynamic Simulation Model. <i>Annals of Botany</i> , 1996, 77, 71-80.	1.4	107
173	Re-interpretation of an Experiment on the Role of Assimilated Transport Resistance in Partitioning in Tomato. <i>Annals of Botany</i> , 1996, 78, 467-470.	1.4	17
174	Influence of assimilate supply on leaf formation in sweet pepper and tomato. <i>The Journal of Horticultural Science</i> , 1996, 71, 405-414.	0.3	25
175	PHOTOSYNTHESIS DRIVEN CROP GROWTH MODELS FOR GREENHOUSE CULTIVATION: ADVANCES AND BOTTLE-NECKS. <i>Acta Horticulturae</i> , 1996, , 9-22.	0.1	5
176	Effect of temperature on biomass allocation in tomato (<i>Lycopersicon esculentum</i>). <i>Physiologia Plantarum</i> , 1995, 94, 447-452.	2.6	23
177	Dry matter partitioning in a tomato plant: one common assimilate pool?. <i>Journal of Experimental Botany</i> , 1995, 46, 1025-1033.	2.4	56
178	Growth, development and yield of a tomato crop: periodic destructive measurements in a greenhouse. <i>Scientia Horticulturae</i> , 1995, 61, 77-99.	1.7	92
179	Effect of plant density on biomass allocation to the fruits in tomato (<i>Lycopersicon esculentum</i> Mill.). <i>Scientia Horticulturae</i> , 1995, 64, 193-201.	1.7	22
180	Dry Matter Production in a Tomato Crop: Measurements and Simulation. <i>Annals of Botany</i> , 1995, 75, 369-379.	1.4	55

#	ARTICLE	IF	CITATIONS
181	Influence of Sink-Source Interaction on Dry Matter Production in Tomato. <i>Annals of Botany</i> , 1995, 75, 381-389.	1.4	76
182	Flowering of tomato in vivo and in vitro in relation to the original position of the axillary bud on the main axis. <i>Scientia Horticulturae</i> , 1994, 59, 55-60.	1.7	2
183	Dry-matter partitioning in a tomato crop: Comparison of two simulation models. <i>The Journal of Horticultural Science</i> , 1994, 69, 885-903.	0.3	43
184	Dry-matter production in a tomato crop: comparison of two simulation models. <i>The Journal of Horticultural Science</i> , 1993, 68, 995-1011.	0.3	47
185	ECONOMIC EVALUATION OF CROP PHOTOSYNTHESIS. <i>Acta Horticulturae</i> , 1993, , 219-228.	0.1	6
186	Factors affecting the number of leaves preceding the first inflorescence in the tomato. <i>The Journal of Horticultural Science</i> , 1992, 67, 1-10.	0.3	33
187	A growth analysis study of three <i>Achimenes</i> cultivars grown under three light regimes. <i>Scientia Horticulturae</i> , 1991, 46, 275-282.	1.7	20
188	Influence of day and night temperature on the growth of young tomato plants. <i>Scientia Horticulturae</i> , 1989, 38, 11-22.	1.7	67
189	DRY MATTER DISTRIBUTION IN TOMATO AND CUCUMBER. <i>Acta Horticulturae</i> , 1989, , 149-180.	0.1	44
190	Influence of light on the growth of young tomato, cucumber and sweet pepper plants in the greenhouse: Effects on relative growth rate, net assimilation rate and leaf area ratio. <i>Scientia Horticulturae</i> , 1987, 31, 161-174.	1.7	31
191	Use of Crop Growth Models to Evaluate Physiological Traits in Genotypes of Horticultural Crops. , 0, , 223-233.		2