Nikolaos Katsoulas

List of Publications by Year
in descending order

154	2,902	236925 25	197818 49
papers	citations	h-index	g-index

154	154	154	2574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Internet of Things in agriculture, recent advances and future challenges. Biosystems Engineering, 2017, 164, 31-48.	4.3	546
2	Crop reflectance monitoring as a tool for water stress detection in greenhouses: A review. Biosystems Engineering, 2016, 151, 374-398.	4.3	106
3	Effect of Light Intensity and Quality on Growth Rate and Composition of Chlorella vulgaris. Plants, 2020, 9, 31.	3.5	105
4	Implementing Sustainable Irrigation in Water-Scarce Regions under the Impact of Climate Change. Agronomy, 2020, 10, 1120.	3.0	97
5	Effect of misting on transpiration and conductances of a greenhouse rose canopy. Agricultural and Forest Meteorology, 2001, 106, 233-247.	4.8	91
6	Wireless sensor networks for greenhouse climate and plant condition assessment. Biosystems Engineering, 2017, 153, 70-81.	4.3	88
7	Influence of whitening on greenhouse microclimate and crop energy partitioning. Agricultural and Forest Meteorology, 2001, 107, 293-306.	4.8	85
8	Effect of Vent Openings and Insect Screens on Greenhouse Ventilation. Biosystems Engineering, 2006, 93, 427-436.	4.3	83
9	Air temperature regime in a forced ventilated greenhouse with rose crop. Energy and Buildings, 2005, 37, 807-812.	6.7	73
10	Effect of Irrigation Frequency on Rose Flower Production and Quality. Biosystems Engineering, 2006, 93, 237-244.	4.3	67
11	Computational fluid dynamics applications to improve crop production systems. Computers and Electronics in Agriculture, 2013, 93, 151-167.	7.7	61
12	Irrigation of Greenhouse Crops. Horticulturae, 2019, 5, 7.	2.8	59
13	Interactions between salinity and irrigation frequency in greenhouse pepper grown in closed-cycle hydroponic systems. Agricultural Water Management, 2007, 91, 102-111.	5.6	57
14	Effect of two UV-absorbing greenhouse-covering films on growth and yield of an eggplant soilless crop. Scientia Horticulturae, 2006, 110, 30-37.	3.6	54
15	Comparison of Growth Rate and Nutrient Content of Five Microalgae Species Cultivated in Greenhouses. Plants, 2019, 8, 279.	3.5	50
16	Effects on microclimate, crop production and quality of a tomato crop grown under shade nets. Journal of Horticultural Science and Biotechnology, 2012, 87, 7-12.	1.9	48
17	Modelling Crop Transpiration in Greenhouses: Different Models for Different Applications. Agronomy, 2019, 9, 392.	3.0	44
18	Response of an eggplant crop grown under Mediterranean summer conditions to greenhouse fog cooling. Scientia Horticulturae, 2009, 123, 90-98.	3.6	41

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19	Extension and evaluation of a model for automatic drainage solution management in tomato crops grown in semi-closed hydroponic systems. Computers and Electronics in Agriculture, 2015, 113, 61-71.	7.7	41
20	Reducing ventilation requirements in semi-closed greenhouses increases water use efficiency. Agricultural Water Management, 2015, 156, 90-99.	5.6	40
21	SEâ€”Structures and Environment. Biosystems Engineering, 2001, 79, 349-360.	0.4	35
22	INFLUENCE OF AN INSECT SCREEN ON GREENHOUSE VENTILATION. Transactions of the American Society of Agricultural Engineers, 2002, 45, .	0.9	31
23	Effects of cover optical properties on screenhouse radiative environment and sweet pepper productivity. Biosystems Engineering, 2014, 122, 115-126.	4.3	31
24	Hyperspectral machine vision as a tool for water stress severity assessment in soilless tomato crop. Biosystems Engineering, 2018, 165, 25-35.	4.3	31
25	The effect of covering material on the yield, quality and chemical composition of greenhouseâ€grown tomato fruit. Journal of the Science of Food and Agriculture, 2019, 99, 3057-3068.	3.5	27
26	Crop water status assessment in controlled environment using crop reflectance and temperature measurements. Precision Agriculture, 2017, 18, 332-349.	6.0	26
27	Simulation of schoolyardâ€™s microclimate and human thermal comfort under Mediterranean climate conditions: effects of trees and green structures. International Journal of Biometeorology, 2018, 62, 2025-2036.	3.0	25
28	Plant Responses to UV Blocking Greenhouse Covering Materials: A Review. Agronomy, 2020, 10, 1021.	3.0	25
29	Thermal Environment of Urban Schoolyards: Current and Future Design with Respect to Childrenâ€™s Thermal Comfort. Atmosphere, 2020, 11, 1144.	2.3	25
30	Implementation of the Circular Economy Concept in Greenhouse Hydroponics for Ultimate Use of Water and Nutrients. Horticulturae, 2020, 6, 83.	2.8	24
31	The Impact of Insect Screens and Ventilation Openings on the Greenhouse Microclimate. Transactions of the ASABE, 2008, 51, 2151-2165.	1.1	23
32	Microclimatic effects of planted hydroponic structures in urban environment: measurements and simulations. International Journal of Biometeorology, 2017, 61, 943-956.	3.0	23
33	Effects of Temperature and Grafting on Yield, Nutrient Uptake, and Water Use Efficiency of a Hydroponic Sweet Pepper Crop. Agronomy, 2019, 9, 110.	3.0	23
34	SEâ€”Structures and Environment. Biosystems Engineering, 2002, 83, 349-359.	4.3	22
35	INFLUENCE OF AN ALUMINIZED THERMAL SCREEN ON GREENHOUSE MICROCLIMATE AND CANOPY ENERGY BALANCE. Transactions of the American Society of Agricultural Engineers, 2003, 46, 1653-1663.	0.9	22
36	Effect of nitrogen concentration, twoâ€stage and prolonged cultivation on growth rate, lipid and protein content of <scp>Chlorella vulgaris</scp>. Journal of Chemical Technology and Biotechnology, 2019, 94, 1466-1473.	3.2	22

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37	Impact of Cultivar and Grafting on Nutrient and Water Uptake by Sweet Pepper (Capsicum annuum L.) Grown Hydroponically Under Mediterranean Climatic Conditions. Frontiers in Plant Science, 2018, 9, 1244.	3.6	21
38	Current use of copper, mineral oils and sulphur for plant protection in organic horticultural crops across 10 European countries. Organic Agriculture, 2020, 10, 159-171.	2.4	21
39	Evaluation of Silica-Coated Insect Proof Nets for the Control of Aphis fabae, Sitophilus oryzae, and Tribolium confusum. Nanomaterials, 2020, 10, 1658.	4.1	21
40	Simulation of Radiation and Crop Activity in a Greenhouse Covered with Semitransparent Organic Photovoltaics. Applied Sciences (Switzerland), 2020, 10, 2550.	2.5	20
41	Leaf boundary layer conductance in ventilated greenhouses: An experimental approach. Agricultural and Forest Meteorology, 2007, 144, 180-192.	4.8	19
42	TRANSPIRATION AND CANOPY RESISTANCE OF GREENHOUSE SOILLESS ROSES: MEASUREMENTS AND MODELING. Acta Horticulturae, 1999, , 61-68.	0.2	18
43	Effects of Cooling Systems on Greenhouse Microclimate and Cucumber Growth under Mediterranean Climatic Conditions. Agronomy, 2019, 9, 300.	3.0	18
44	Effect of irrigation frequency on growth and production of a cucumber crop under soilless culture. Emirates Journal of Food and Agriculture, 0, , 863.	1.0	18
45	Online professional irrigation scheduling system for greenhouse crops. Acta Horticulturae, 2017, , 221-228.	0.2	17
46	A simple model for ventilation rate determination in screenhouses. Energy and Buildings, 2015, 87, 293-301.	6.7	16
47	Basil as Secondary Crop in Cascade Hydroponics: Exploring Salinity Tolerance Limits in Terms of Growth, Amino Acid Profile, and Nutrient Composition. Horticulturae, 2021, 7, 203.	2.8	16
48	Predicting reference evapotranspiration for screenhouse-grown crops. Agricultural Water Management, 2014, 143, 122-130.	5.6	15
49	Crop reflectance measurements for nitrogen deficiency detection in a soilless tomato crop. Biosystems Engineering, 2018, 176, 1-11.	4.3	14
50	Life Cycle Assessment of Variable Rate Fertilizer Application in a Pear Orchard. Sustainability, 2020, 12, 6893.	3.2	14
51	Effects of a UV-absorbing greenhouse covering film on tomato yield and quality. Spanish Journal of Agricultural Research, 2012, 10, 959.	0.6	14
52	Shading Effects on Greenhouse Microclimate and Crop Transpiration in a Cucumber Crop Grown Under Mediterranean Conditions. Applied Engineering in Agriculture, 2012, 28, 129-140.	0.7	13
53	Experimental and modelling analysis of pesticide fate from greenhouses: The case of pyrimethanil on a tomato crop. Biosystems Engineering, 2012, 113, 195-206.	4.3	12
54	Evaluation of thermal perception in schoolyards under Mediterranean climate conditions. International Journal of Biometeorology, 2016, 60, 319-334.	3.0	12

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55	Design, Control, and Performance Aspects of Semi-Closed Greenhouses. Agronomy, 2020, 10, 1739.	3.0	12
56	Effect of Irrigation Scheduling on Gerbera Flower Yield and Quality. Hortscience: A Publication of the American Society for Hortcultural Science, 2010, 45, 265-270.	1.0	12
57	Electrical Conductivity and pH Prediction in a Recirculated Nutrient Solution of a Greenhouse Soilless Rose Crop. Journal of Plant Nutrition, 2006, 29, 1585-1599.	1.9	11
58	Automation for Water and Nitrogen Deficit Stress Detection in Soilless Tomato Crops Based on Spectral Indices. Horticulturae, 2018, 4, 47.	2.8	11
59	Photosynthetic Acclimation of Sweet Pepper Plants to Screenhouse Conditions. Hortscience: A Publication of the American Society for Hortcultural Science, 2014, 49, 166-172.	1.0	10
60	A climate control methodology based on wireless sensor networks in greenhouses. Acta Horticulturae, 2015, , 75-82.	0.2	9
61	Use of Biofuel Industry Wastes as Alternative Nutrient Sources for DHA-Yielding Schizochytrium limacinum Production. Applied Sciences (Switzerland), 2020, 10, 4398.	2.5	9
62	Estimation of Aerodynamic and Canopy Resistances in a Mediterranean Greenhouse Based on Instantaneous Leaf Temperature Measurements. Agronomy, 2020, 10, 1985.	3.0	9
63	Modelling transpiration of soilless greenhouse cucumber and its relationship with leaf temperature in a Mediterranean climate. Emirates Journal of Food and Agriculture, 0, , 911.	1.0	9
64	ESTIMATING TRANSPIRATION RATE AND CANOPY RESISTANCE OF A ROSE CROP IN A FAN-VENTILATED GREENHOUSE. Acta Horticulturae, 2001, , 303-310.	0.2	8
65	Benchmark Irrigated under Cover Agriculture Crops. Agriculture and Agricultural Science Procedia, 2015, 4, 348-355.	0.6	8
66	Reflectance indices for the detection of water stress in greenhouse tomato (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (	0.2	8
67	Spatially distributed greenhouse climate control based on wireless sensor network measurements. Acta Horticulturae, 2017, , 111-120.	0.2	8
68	Analysis of Microclimate and Cucumber Fruit Yield in a Screenhouse and an Evaporatively Cooled Greenhouse in a Semi-Arid Location. Transactions of the ASABE, 2018, 61, 619-629.	1.1	8
69	Assessment of different inert dust formulations for the control of Sitophilus oryzae, Tribolium confusum and Aphis fabae. Crop Protection, 2020, 137, 105312.	2.1	8
70	Responses of sweet pepper (Capsicum annum L.) cultivated in a closed hydroponic system to variable calcium concentrations in the nutrient solution. Journal of the Science of Food and Agriculture, 2021, 101, 4342-4349.	3.5	8
71	A Life Cycle Assessment of Biomass Production from Energy Crops in Crop Rotation Using Different Tillage System. Sustainability, 2020, 12, 6978.	3.2	7
72	Freshwater-adapted sea bass Dicentrarchus labrax feeding frequency impact in a lettuce Lactuca sativa aquaponics system. PeerJ, 2021, 9, e11522.	2.0	7

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73	Computational Fluid Dynamics Modelling of the Microclimate within the Boundary Layer of Leaves Leading to Improved Pest Control Management and Low-Input Greenhouse. Sustainability, 2021, 13, 8310.	3.2	7
74	Energy and Water Related Parameters in Tomato and Cucumber Greenhouse Crops in Semiarid Mediterranean Regions. A Review, Part II: Irrigation and Fertigation. Horticulturae, 2021, 7, 548.	2.8	7
75	Assessment of the Priestley-Taylor coefficient and a modified potential evapotranspiration model. Smart Agricultural Technology, 2023, 3, 100075.	5.4	7
76	INFLUENCE OF ALUMINIZED THERMAL SCREENS ON GREENHOUSE MICROCLIMATE AND NIGHT TRANSPIRATION. Acta Horticulturae, 2003, , 387-392.	0.2	6
77	The Effect of Vent Configuration and Insect Screens on Greenhouse Microclimate. International Journal of Ventilation, 2005, 4, 193-202.	0.4	6
78	CHARACTERIZATION AND ANALYSIS OF THE EFFECTS OF GREENHOUSE CLIMATE CONTROL EQUIPMENT ON GREENHOUSE MICROCLIMATE AND CROP RESPONSE. Acta Horticulturae, 2011, , 117-132.	0.2	6
79	Greenhouse Crop Transpiration Modelling. , 0, , .		6
80	STUDY OF A PASSIVE SOLAR HEATING GREENHOUSE CROP GROW GUTTER. Acta Horticulturae, 2011, , 381-388.	0.2	6
81	ENERGY NEEDS AND ENERGY SAVING IN MEDITERRANEAN GREENHOUSES. Acta Horticulturae, 2014, , 25-30.	0.2	6
82	Calibration methodology of a hyperspectral imaging system for greenhouse plant water status assessment. Acta Horticulturae, 2016, , 119-126.	0.2	6
83	Energy and Water Related Parameters in Tomato and Cucumber Greenhouse Crops in Semiarid Mediterranean Regions. A Review, Part I: Increasing Energy Efficiency. Horticulturae, 2021, 7, 521.	2.8	6
84	TRANSPIRATION AND ENERGY BALANCE OF A GREENHOUSE ROSE CROP IN MEDITERRANEAN SUMMER CONDITIONS. Acta Horticulturae, 2001, , 395-400.	0.2	5
85	EFFECT OF VENT OPENING AND INSECT SCREENS ON GREENHOUSE MICROCLIMATE DISTRIBUTION. Acta Horticulturae, 2006, , 615-622.	0.2	5
86	Effect of NaCl or Macronutrient-Imposed Salinity on Basil Crop Yield and Water Use Efficiency. Horticulturae, 2021, 7, 296.	2.8	5
87	A web-based system for fungus disease risk assessment in greenhouses: System development. Computers and Electronics in Agriculture, 2021, 188, 106326.	7.7	5
88	DATA-BASED APPROACH TO MODEL THE DYNAMIC BEHAVIOUR OF GREENHOUSE TEMPERATURE. Acta Horticulturae, 2011, , 931-938.	0.2	4
89	EFFECT OF SHADING ON GREENHOUSE ENERGY BALANCE AND CROP TRANSPIRATION. Acta Horticulturae, 2012, , 689-694.	0.2	4
90	MICROCLIMATE DISTRIBUTION IN A GREENHOUSE COOLED BY A FOG SYSTEM. Acta Horticulturae, 2012, , 773-778.	0.2	4

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91	APPLICATION OF MICROCLIMATIC LANDSCAPE DESIGN IN SCHOOLYARDS IN GREECE. Acta Horticulturae, 2015, , 935-941.	0.2	4
92	Reuse of cucumber drainage nutrient solution in secondary crops in greenhouses: initial results. Acta Horticulturae, 2020, , 767-774.	0.2	4
93	Greenhouse Microclimate and Soilless Pepper Crop Production and Quality as Affected by a Fog Evaporative Cooling System. Transactions of the ASABE, 2007, 50, 1831-1840.	1.1	3
94	TEST OF A GREENHOUSE COVERED BY POLYETHYLENE FILM THAT REFLECTS NEAR-INFRARED RADIATION. Acta Horticulturae, 2012, , 507-513.	0.2	3
95	IMPROVEMENT OF GREENHOUSE MICROCLIMATE DISTRIBUTION BY MEANS OF AIR MIXING FANS. Acta Horticulturae, 2012, , 589-594.	0.2	3
96	TRANSPIRATION OF A SWEET PEPPER CROP UNDER SCREENHOUSE CONDITIONS. Acta Horticulturae, 2012, , 91-97.	0.2	3
97	EFFECTS OF ANTI-DRIP POLYETHYLENE COVERING FILMS ON MICROCLIMATE AND CROP PRODUCTION. Acta Horticulturae, 2012, , 209-215.	0.2	3
98	EXPOSURE OF GREENHOUSE WORKERS TO PESTICIDES. Acta Horticulturae, 2014, , 1133-1138.	0.2	3
99	CFD MODELING OF MICROCLIMATE IN THE LEAF BOUNDARY LAYER, ECOLOGICAL NICHE OF PESTS. Acta Horticulturae, 2014, , 1027-1034.	0.2	3
100	RECENT TRENDS IN SALINITY CONTROL FOR SOILLESS GROWING SYSTEMS MANAGEMENT. Acta Horticulturae, 2014, , 433-442.	0.2	3
101	DEVELOPMENT AND EVALUATION OF A DSS FOR DRAINAGE MANAGEMENT IN SEMI-CLOSED HYDROPONIC SYSTEMS. Acta Horticulturae, 2014, , 509-516.	0.2	3
102	Potential energy cost and footprint reduction in Mediterranean greenhouses by means of renewable energy use. Acta Horticulturae, 2017, , 461-466.	0.2	3
103	Microclimate and cucumber crop transpiration in a greenhouse cooled by pad and fan system. Acta Horticulturae, 2020, , 235-240.	0.2	3
104	Effect of pH on Schizochytrium limacinum Production Grown Using Crude Glycerol and Biogas Digestate Effluent. Agronomy, 2022, 12, 364.	3.0	3
105	INFLUENCE OF MISTING ON THE DIURNAL HYSTERESIS OF CANOPY TRANSPIRATION RATE AND CONDUCTANCE IN A ROSE GREENHOUSE. Acta Horticulturae, 2000, , 155-162.	0.2	2
106	IMPROVING THE EFFICIENCY OF INSECT SCREENS IN GREENHOUSES. Acta Horticulturae, 2009, , 91-96.	0.2	2
107	SOLAR RADIATION DISTRIBUTION IN SCREENHOUSES: A CFD APPROACH. Acta Horticulturae, 2012, , 449-456.	0.2	2
108	MICROCLIMATE OF A PEPPER CROP UNDER SCREENHOUSE CONDITIONS. Acta Horticulturae, 2012, , 523-529.	0.2	2

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109	USE OF A DECISION SUPPORT SYSTEM FOR MANAGEMENT OF THE DRAINAGE SOLUTION IN SEMI-CLOSED HYDROPONIC SYSTEMS UNDER DIFFERENT DRAINAGE FRACTIONS. Acta Horticulturae, 2014, , 1067-1074.	0.2	2
110	Remote sensing for crop water stress detection in greenhouses. , 2015, , 667-676.		2
111	Calibration of a growth model for tomato seedlings (TOMSEED) based on heuristic optimisation. Biosystems Engineering, 2015, 140, 34-47.	4.3	2
112	Smart greenhouse production practices to manage and mitigate the impact of climate change in protected cultivation. Acta Horticulturae, 2021, , 189-196.	0.2	2
113	Development of a WSN for Greenhouse Microclimate Distribution Monitoring. Annals â€Valahiaâ€• University of Targoviste - Agriculture, 2016, 10, 7-13.	0.3	2
114	Detection of salinity stress in soilless tomato based on crop reflectance. Acta Horticulturae, 2019, , 723-728.	0.2	2
115	DATA BASED MODELING APPROACH FOR GREENHOUSE AIR TEMPERATURE AND RELATIVE HUMIDITY. Acta Horticulturae, 2012, , 67-72.	0.2	2
116	Phasing out contentious inputs in organic and non-organic horticulture â€“ Organic-PLUS. Acta Horticulturae, 2020, , 211-218.	0.2	2
117	Silica coated insect proof screens for effective insect control in greenhouses. Biosystems Engineering, 2022, 215, 21-31.	4.3	2
118	EFFECT OF TWO IRRIGATION FREQUENCIES ON ROSE FLOWER PRODUCTION AND QUALITY. Acta Horticulturae, 2005, , 333-340.	0.2	1
119	CALCIUM, MAGNESIUM AND POTASSIUM CONCENTRATIONS PREDICTION IN A RECIRCULATED NUTRIENT SOLUTION OF A GREENHOUSE SOILLESS ROSE CROP. Acta Horticulturae, 2006, , 491-498.	0.2	1
120	EXPERIMENTAL RESULTS AND SPATIAL SIMULATION OF CLIMATE IN A GREENHOUSE WITH INSECT SCREENS. Acta Horticulturae, 2011, , 597-604.	0.2	1
121	USE OF SHADING NETS TO IMPROVE QUALITY CHARACTERISTICS OF COMPACT GARDENIA (GARDENIA) Tj ETQq1 1 0.784314 rgBT /Ov	0.2	1
122	PERFORMANCE TEST OF A NA+ ACCUMULATION MODEL AS PART OF A DECISION SUPPORT SYSTEM FOR CLOSED HYDROPONIC SYSTEMS MANAGEMENT. Acta Horticulturae, 2012, , 139-145.	0.2	1
123	CASE STUDIES OF A MODIFIED BIOLOGICAL SIMULATOR (TOMGRO) ACCORDING TO SHORT CROPPING PERIOD. Acta Horticulturae, 2012, , 317-322.	0.2	1
124	PEPPER CROP PRODUCTION UNDER SHADING AND INSECT PROOF SCREENHOUSES. Acta Horticulturae, 2014, , 599-604.	0.2	1
125	Assessment of crop water status by means of crop reflectance. Acta Horticulturae, 2017, , 297-304.	0.2	1
126	Sensing crop reflectance for water stress detection in greenhouses. Acta Horticulturae, 2018, , 117-126.	0.2	1

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127	Advances in irrigation/fertigation techniques in greenhouse soilless culture systems (SCS). , 2021, , 249-275.		1
128	Protected cultivation in Mediterranean region. Acta Horticulturae, 2021, , 323-334.	0.2	1
129	Effect of shading on photosynthesis in greenhouse hydroponic cucumber crops. Acta Horticulturae, 2021, , 167-172.	0.2	1
130	CROP-CLIMATE COUPLING IN GREENHOUSES. CHARACTERIZATION AND ANALYSIS. Acta Horticulturae, 2005, , 163-170.	0.2	1
131	DISPERSION OF PESTICIDES FROM A NATURALLY VENTILATED GREENHOUSE: A CFD APPROACH. Acta Horticulturae, 2006, , 307-314.	0.2	1
132	NUMERICAL MODELLING AND EXPERIMENTAL MEASUREMENTS OF PESTICIDES DISPERSION IN A NATURALLY VENTILATED GREENHOUSE. Acta Horticulturae, 2008, , 955-962.	0.2	1
133	GREENHOUSE SECTOR ASSESSMENT IN AZERBAIJAN AND PROSPECTS FOR SUSTAINABLE DEVELOPMENT. Acta Horticulturae, 2012, , 567-574.	0.2	1
134	A Method Comparison Study between Open Source and Industrial Weather Stations. Engineering Proceedings, 2021, 9, .	0.4	1
135	SiO2 Applications as an Alternative to Insect Control in Greenhouses. Biology and Life Sciences Forum, 2021, 3, 32.	0.6	1
136	Reduction in Blockage Property of UV-Blocking Greenhouse Covering Material: In Situ and Lab Measurement Comparison. AgriEngineering, 2022, 4, 171-178.	3.2	1
137	EFFECTS OF ANTI-DRIP COVER MATERIALS ON MICROCLIMATE AND PRODUCTION OF A HYDROPONIC CUCUMBER CROP. Acta Horticulturae, 2008, , 267-274.	0.2	0
138	DEVELOPMENT OF A SIMPLE GROWTH MODEL FOR LIGHT CONTROL IN TOMATO SEEDLING PRODUCTION. Acta Horticulturae, 2009, , 129-134.	0.2	0
139	DEVELOPMENT OF A BIO-PHYSICAL SIMULATOR FOR MEDITERRANEAN GREENHOUSES. Acta Horticulturae, 2011, , 525-530.	0.2	0
140	TRANSPIRATION AND PHOTOSYNTHESIS OF SWEET PEPPER GROWING UNDER DIFFERING SCREENHOUSE NETS. Acta Horticulturae, 2012, , 539-544.	0.2	0
141	EVALUATION OF CROP REFLECTANCE INDICES FOR GREENHOUSE IRRIGATION SCHEDULING. Acta Horticulturae, 2012, , 269-276.	0.2	0
142	TRANSPIRATION AND CANOPY CONDUCTANCE OF A PEPPER CROP UNDER SCREENS WITH DIFFERENT POROSITY AND SHADING INTENSITY. Acta Horticulturae, 2014, , 547-553.	0.2	0
143	Operation reliability of wireless sensor networks in greenhouse conditions. Acta Horticulturae, 2017, , 867-874.	0.2	0
144	Crop temperature measurements for crop water status identification in greenhouses. Acta Horticulturae, 2017, , 695-702.	0.2	0

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145	Effects of planting and structural configurations on human thermal comfort in a schoolyard. Acta Horticulturae, 2017, , 229-234.	0.2	0
146	Nutrient uptake concentrations of a pepper crop under Mediterranean climate conditions. Acta Horticulturae, 2017, , 687-694.	0.2	0
147	Effect of screenhouse cover optical properties on sweet pepper fruit quality. Acta Horticulturae, 2017, , 1071-1076.	0.2	0
148	Nutrient and water use efficiency in screenhouse crops: a benchmarking approach. Acta Horticulturae, 2017, , 289-296.	0.2	0
149	Advances in irrigation/fertigation techniques in greenhouse soilless culture systems (SCS). Burleigh Dodds Series in Agricultural Science, 2021, , 249-276.	0.2	0
150	USE OF MODEL-ARTIFICIAL LEAVES FOR MONITORING AERODYNAMIC CONDUCTANCE IN GREENHOUSES. Acta Horticulturae, 2005, , 749-756.	0.2	0
151	Screenhouses as a cropping system alternative to open field cultivations. , 2017, , .		0
152	Adapt2Change: The semi-closed greenhouse. , 2017, , .		0
153	Technologies and Techniques for Sustainable Greenhouse production in Slovenia. , 2017, , .		0
154	Contribution of hyperspectral imaging to monitor water content in soilless growing cucumber crop. Acta Horticulturae, 2020, , 1055-1062.	0.2	0