

# Akio Tazuke

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

133  
citations

1307594

7  
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1281871

11  
g-index

21  
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21  
docs citations

21  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic engineering and metabolite profiling for overproduction of polyhydroxybutyrate in cyanobacteria. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 510-517.	2.2	44
2	Relationships between Growth in Volume and Respiration of Cucumber Fruit Attached on the Vine. <i>Journal of the Japanese Society for Horticultural Science</i> , 1991, 59, 745-750.	0.5	16
3	Growth of Cucumber Fruit as Affected by the Addition of NaCl to Nutrient Solution.. <i>Journal of the Japanese Society for Horticultural Science</i> , 1997, 66, 519-526.	0.5	11
4	Expression of CsSEF1 gene encoding putative CCCH zinc finger protein is induced by defoliation and prolonged darkness in cucumber fruit. <i>Planta</i> , 2013, 237, 681-691.	3.2	9
5	Effects of Adding NaCl and Reducing Aeration to Nutrient Culture Solution on the Growth of Cucumber Fruit.. <i>Journal of the Japanese Society for Horticultural Science</i> , 1997, 66, 563-568.	0.5	8
6	Relationships between Growth in Volume and Respiration of Cucumber Fruit after Heat-girdling the Peduncle.. <i>Journal of the Japanese Society for Horticultural Science</i> , 1993, 62, 135-142.	0.5	7
7	Sugar Concentration of Cucumber Fruits as Affected by NaCl Addition to Nutrient Solution.. <i>Seibutsu Kankyo Chosetsu [Environment Control in Biology</i> , 2001, 39, 281-288.	0.2	7
8	Expression of the BTB/POZ domain-containing protein At1g63850-like gene CsFDI1 is enhanced by sugar starvation in cucumber fruit. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	5
9	Effects of Fruit Load on Fruit Growth, Mesocarp Starch Grain Appearance and Sucrose-catalysing Enzyme Activity in a Gynoecious Cucumber Fruit. <i>Environmental Control in Biology</i> , 2011, 49, 119-125.	0.7	4
10	Extraction of Leaf Region from Plant Images for the Automatic Detection of Leaf Wilting. <i>Agricultural Information Research</i> , 2002, 11, 27-40.	0.2	4
11	Effect of Monochromatic Light on Anthocyanin Content in Seedlings of Benitade ( <i>Polygonum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.5	4
12	The expression of a candidate cucumber fruit sugar starvation marker gene CsSEF1 is enhanced in malformed fruit induced by salinity. <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 565-570.	3.1	3
13	Abundant DNA Markers Detected by PCR Using Simple Sequence Repeat Primers without Anchor Sequences in Soybean.. <i>Breeding Science</i> , 2001, 51, 207-210.	1.9	3
14	A Descriptive Model of the Growth of Cucumber Fruit under Salinity at Low Oxygen Supply Levels in the Nutrient Solution. <i>Seibutsu Kankyo Chosetsu [Environment Control in Biology</i> , 2004, 42, 267-276.	0.2	2
15	The Effect of Potassium and Calcium Concentration in the Nutrient Solution on Copper Toxicities in Vegetable Crops. <i>Journal of the Japanese Society for Horticultural Science</i> , 1990, 59, 365-370.	0.5	1
16	The Effects of NaCl Salinity and Solution Temperature on the Leaf Wilting of Snap Bean ( <i>Phaseolus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	1
17	Allometric Relationship Between the Sucrose Synthase Activity and Fresh Weight of Cucumber Fruits.. <i>Seibutsu Kankyo Chosetsu [Environment Control in Biology</i> , 2003, 41, 63-67.	0.2	1
18	Effects of NaCl Addition and Aeration Frequency of the Nutrient Solution on the Growth and Transpiration of Cucumber Plants Grown in a Glasshouse and a Growth Chamber. <i>Environmental Control in Biology</i> , 2006, 44, 293-300.	0.7	1

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19	Analysis of the Decline in Respiration Rate of Cucumber Fruits on Vines under Prolonged Darkness, Total Defoliation, Cutting, and Heat-girdling of the Peduncle. Horticultural Research (Japan), 2018, 17, 55-59.	0.1	1
20	Varietal Differences in the Effects of Total Defoliation on the Expression of Candidate Marker Genes of Sugar Starvation in Cucumber Fruit. Horticultural Research (Japan), 2019, 18, 157-165.	0.1	1
21	Effect of the Timing of Defoliation on Fruit Growth and Abortion in a Parthenocarpic Cucumber. Environmental Control in Biology, 2012, 50, 313-317.	0.7	0