

# Wolfram Spreer

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

729  
citations

687363

13  
h-index

752698

20  
g-index

21  
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21  
docs citations

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times ranked

830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal imaging for assessment of maize water stress and yield prediction under drought conditions. <i>Journal of Agronomy and Crop Science</i> , 2023, 209, 56-70.	3.5	19
2	Mass estimation of mango fruits ( <i>Mangifera indica</i> L., cv. "Nam Dokmai"™) by linking image processing and artificial neural network. <i>Engineering in Agriculture, Environment and Food</i> , 2019, 12, 103-110.	0.5	27
3	Effect of Storage Conditions on the Postharvest Quality Changes of Fresh Mango Fruits for Export during Transportation. <i>Environmental Control in Biology</i> , 2018, 56, 39-44.	0.7	6
4	Quality Changes in Fresh Mango Fruits (&i&gt;Mangifera indica&i&gt; L. "Nam Dok Mai"™) Under Actual Distribution Temperature Profile from Thailand to Japan. <i>Environmental Control in Biology</i> , 2018, 56, 45-49.	0.7	12
5	Random Forests as a Tool for Analyzing Partial Drought Stress Based on CO&lt;sub&gt;2&lt;/sub&gt; Concentrations in the Rootzone of Longan Trees. <i>Environmental Control in Biology</i> , 2018, 56, 25-31.	0.7	1
6	Sensors and Monitoring for Production and Distribution of a Tropical Fruit. <i>Environmental Control in Biology</i> , 2018, 56, 23-24.	0.7	0
7	Online Monitoring System on Controlled Irrigation Experiment for Export Quality Mango in Thailand. <i>Lecture Notes in Computer Science</i> , 2016, , 328-334.	1.3	2
8	Hydraulic Ram Pumps for Irrigation in Northern Thailand. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 5, 107-114.	0.6	20
9	Development and assessment of different modeling approaches for size-mass estimation of mango fruits ( <i>Mangifera indica</i> L., cv. "Nam Dokmai"™). <i>Computers and Electronics in Agriculture</i> , 2015, 114, 269-276.	7.7	41
10	Modelling the relationship between peel colour and the quality of fresh mango fruit using Random Forests. <i>Journal of Food Engineering</i> , 2014, 131, 7-17.	5.2	42
11	Infrared Thermal Imaging as a Rapid Tool for Identifying Water&#x2013;Stress Tolerant Maize Genotypes of Different Phenology. <i>Journal of Agronomy and Crop Science</i> , 2013, 199, 75-84.	3.5	94
12	Mango ( <i>Mangifera indica</i> L. cv. Nam Dokmai) production in Northern Thailand&#x2013;Costs and returns under extreme weather conditions and different irrigation treatments. <i>Agricultural Water Management</i> , 2013, 126, 46-55.	5.6	18
13	Random Forests modelling for the estimation of mango ( <i>Mangifera indica</i> L. cv. Chok Anan) fruit yields under different irrigation regimes. <i>Agricultural Water Management</i> , 2013, 116, 142-150.	5.6	76
14	Mango and Longan Production in Northern Thailand: The Role of Water Saving Irrigation and Water Stress Monitoring. <i>Springer Environmental Science and Engineering</i> , 2013, , 215-228.	0.1	1
15	Evaluation of Soil Water Management Difference in Mango Orchards between Thailand and Japan. <i>American Journal of Plant Sciences</i> , 2013, 04, 182-187.	0.8	2
16	Harvest maturity detection for "Nam Dokmai"™ mango fruit ( <i>Mangifera indica</i> L.) in consideration of long supply chains. <i>Postharvest Biology and Technology</i> , 2012, 72, 64-75.	6.0	31
17	Harvest maturity specification for mango fruit ( <i>Mangifera indica</i> L. "Chok Anan"™) in regard to long supply chains. <i>Postharvest Biology and Technology</i> , 2011, 61, 41-55.	6.0	36
18	Estimating the mass of mango fruit ( <i>Mangifera indica</i> , cv. Chok Anan) from its geometric dimensions by optical measurement. <i>Computers and Electronics in Agriculture</i> , 2011, 75, 125-131.	7.7	52

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19	Use of thermography for high throughput phenotyping of tropical maize adaptation in water stress. <i>Computers and Electronics in Agriculture</i> , 2011, 79, 67-74.	7.7	94
20	Yield and fruit development in mango ( <i>Mangifera indica</i> L. cv. Chok Anan) under different irrigation regimes. <i>Agricultural Water Management</i> , 2009, 96, 574-584.	5.6	67
21	Effect of regulated deficit irrigation and partial rootzone drying on the quality of mango fruits ( <i>Mangifera indica</i> L., cv. "Chok Anan"™). <i>Agricultural Water Management</i> , 2007, 88, 173-180.	5.6	88