

# Jose Renato Boucas Farias

## List of Publications by Year in descending order

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11  
papers

329  
citations

1163117

8  
h-index

1372567

10  
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11  
all docs

11  
docs citations

11  
times ranked

404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for monitoring within-field soybean yield using Sentinel-2 Vis-NIR-SWIR spectral bands and machine learning regression methods. <i>Precision Agriculture</i> , 2022, 23, 1093-1123.	6.0	10
2	Classification of Soybean Genotypes Assessed Under Different Water Availability and at Different Phenological Stages Using Leaf-Based Hyperspectral Reflectance. <i>Remote Sensing</i> , 2021, 13, 172.	4.0	15
3	Yield Prediction in Soybean Crop Grown under Different Levels of Water Availability Using Reflectance Spectroscopy and Partial Least Squares Regression. <i>Remote Sensing</i> , 2021, 13, 977.	4.0	10
4	Daily heliotropic movements assist gas exchange and productive responses in <sc>DREB</sc>1A soybean plants under drought stress in the greenhouse. <i>Plant Journal</i> , 2018, 96, 801-814.	5.7	9
5	NDVI variation according to the time of measurement, sampling size, positioning of sensor and water regime in different soybean cultivars. <i>Precision Agriculture</i> , 2017, 18, 470-490.	6.0	35
6	Characterization of Molecular and Physiological Responses Under Water Deficit of Genetically Modified Soybean Plants Overexpressing the AtAREB1 Transcription Factor. <i>Plant Molecular Biology Reporter</i> , 2016, 34, 410-426.	1.8	22
7	Phenotyping soybean plants transformed with rd29A:AtDREB1A for drought tolerance in the greenhouse and field. <i>Transgenic Research</i> , 2014, 23, 75-87.	2.4	78
8	Heliotropic responses of soybean cultivars at three phenological stages and under two water regimes. <i>Pesquisa Agropecuaria Brasileira</i> , 2010, 45, 661-670.	0.9	9
9	Drought Tolerance Characteristics of Brazilian Soybean Cultivars – Evaluation and characterization of drought tolerance of various Brazilian soybean cultivars in the field. <i>Plant Production Science</i> , 2004, 7, 129-137.	2.0	114
10	Expressão gênica diferencial durante déficit hídrico em soja. <i>Brazilian Journal of Plant Physiology</i> , 2001, 13, 168-184.	0.1	26
11	Drought tolerance of elite soybean cultivars with the introgression of transgene AtAREB1. <i>Pesquisa Agropecuaria Brasileira</i> , 0, 57, .	0.9	1