

# Zhiquan Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3347580/publications.pdf>

Version: 2024-02-01

16  
papers

228  
citations

1163117

8  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shade delayed flowering and decreased photosynthesis, growth and yield of Sacha Inchi ( <i>Plukenetia</i> ) Tj ETQq1 1 0.784314 rgBT /Over	5.2	60
2	Growth, photosynthesis and root reserpine concentrations of two <i>Rauvolfia</i> species in response to a light gradient. <i>Industrial Crops and Products</i> , 2009, 30, 220-226.	5.2	36
3	Leaf Photosynthesis, Growth, and Seed Chemicals of Sacha Inchi Plants Cultivated Along an Altitude Gradient. <i>Crop Science</i> , 2012, 52, 1859-1867.	1.8	29
4	Distinct factors drive the assembly of quinoa-associated microbiomes along elevation. <i>Plant and Soil</i> , 2020, 448, 55-69.	3.7	21
5	Dry-season deficit irrigation increases agricultural water use efficiency at the expense of yield and agronomic nutrient use efficiency of Sacha Inchi plants in a tropical humid monsoon area. <i>Industrial Crops and Products</i> , 2017, 109, 570-578.	5.2	16
6	Chromosome number variation in a promising oilseed woody crop, <i>Plukenetia volubilis</i> L. ( <i>Euphorbiaceae</i> ). <i>Caryologia</i> , 2013, 66, 54-58.	0.3	11
7	Planting density and fertilisation independently affect seed and oil yields in <i>Plukenetia volubilis</i> L. plants. <i>Journal of Horticultural Science and Biotechnology</i> , 2014, 89, 201-207.	1.9	11
8	High genetic diversity and differentiation of an extremely narrowly distributed and critically endangered decaploid rose ( <i>Rosa praelucens</i> ): implications for its conservation. <i>Conservation Genetics</i> , 2018, 19, 761-776.	1.5	10
9	Dry-season irrigation and fertilisation affect the growth, reproduction, and seed traits of <i>Plukenetia volubilis</i> L. plants in a tropical region. <i>Journal of Horticultural Science and Biotechnology</i> , 2012, 87, 311-316.	1.9	9
10	Vegetative and Reproductive Growth and Yield of <i>Plukenetia volubilis</i> Plants in Responses to Foliar Application of Plant Growth Regulators. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016, 51, 1020-1025.	1.0	6
11	Growth and yield responses of <i>Plukenetia volubilis</i> L. plants to planting density. <i>Journal of Horticultural Science and Biotechnology</i> , 2013, 88, 421-426.	1.9	5
12	Source-sink manipulations differentially affect carbon and nitrogen dynamics, fruit metabolites and yield of Sacha Inchi plants. <i>BMC Plant Biology</i> , 2021, 21, 160.	3.6	5
13	Response of soil microbial abundance and diversity in Sacha Inchi ( <i>Plukenetia volubilis</i> L.) farms with different land-use histories in a tropical area of Southwestern China. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 588-596.	2.6	3
14	Ontogenetic shifts in resource allocation and potential defense syndromes of a tropical medicinal treelet. <i>Industrial Crops and Products</i> , 2019, 138, 111450.	5.2	3
15	Intercropping with Chinese leek decreased <i>Meloidogyne javanica</i> population and shifted microbial community structure in Sacha Inchi plantation. <i>Journal of Agricultural Science</i> , 0, , 1-10.	1.3	2
16	Comparative transcriptome analysis of a fan-shaped inflorescence in pineapple using RNA-seq. <i>Genomics</i> , 2021, 113, 3653-3665.	2.9	0