

# Natalia G Izquierdo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/448968/publications.pdf>

Version: 2024-02-01

18  
papers

378  
citations

933447

10  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability in sunflower oil quality for biodiesel production: A simulation study. <i>Biomass and Bioenergy</i> , 2009, 33, 459-468.	5.7	66
2	Modeling the Response of Fatty Acid Composition to Temperature in a Traditional Sunflower Hybrid. <i>Agronomy Journal</i> , 2006, 98, 451-461.	1.8	53
3	Weight per Grain, Oil Concentration, and Solar Radiation Intercepted during Grain Filling in Black Hull and Striped Hull Sunflower Hybrids. <i>Crop Science</i> , 2008, 48, 688-699.	1.8	40
4	A whole-plant analysis of the dynamics of expansion of individual leaves of two sunflower hybrids. <i>Journal of Experimental Botany</i> , 2003, 54, 2541-2552.	4.8	39
5	A new sunflower high oleic mutation confers stable oil grain fatty acid composition across environments. <i>European Journal of Agronomy</i> , 2016, 73, 25-33.	4.1	39
6	Night temperature and intercepted solar radiation additively contribute to oleic acid percentage in sunflower oil. <i>Field Crops Research</i> , 2010, 119, 27-35.	5.1	36
7	Germination responses to temperature and water potential as affected by seed oil composition in sunflower. <i>Industrial Crops and Products</i> , 2014, 62, 537-544.	5.2	24
8	Dynamics of oil and tocopherol accumulation in sunflower grains and its impact on final oil quality. <i>European Journal of Agronomy</i> , 2017, 89, 124-130.	4.1	16
9	Temperature effect on triacylglycerol species in seed oil from high stearic sunflower lines with different genetic backgrounds. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4367-4376.	3.5	11
10	Environment, Management, and Genetic Contributions to Maize Kernel Hardness and Grain Yield. <i>Crop Science</i> , 2017, 57, 2788-2798.	1.8	11
11	Effect of genetic background on the stability of sunflower fatty acid composition in different high oleic mutations. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 4074-4084.	3.5	11
12	Oil yield components and oil quality of high stearic-high oleic sunflower genotypes as affected by intercepted solar radiation during grain filling. <i>Crop and Pasture Science</i> , 2012, 63, 330.	1.5	6
13	Dynamics of phytosterols content and concentration in sunflower grains. <i>Crop and Pasture Science</i> , 2018, 69, 724.	1.5	6
14	Oil Phytosterol Concentration in Sunflower Presents a Dilution Response with Oil Weight per Grain. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2019, 96, 1115-1123.	1.9	5
15	Discriminating post-silking environmental effects on starch composition in maize kernels. <i>Journal of Cereal Science</i> , 2019, 87, 150-156.	3.7	5
16	Sunflower. , 2021, , 482-517.		4
17	Environment affects starch composition and kernel hardness in temperate maize. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5488-5494.	3.5	4
18	Development of the Enhanced Halsey Model to Predict Equilibrium Moisture Content (EMC) of Sunflower Seeds with Different Oil Contents. <i>Transactions of the ASABE</i> , 2018, 61, 1449-1456.	1.1	2