

# Lucas Ranzan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6896680/publications.pdf>

Version: 2024-02-01

8  
papers

111  
citations

1477746  
6  
h-index

1588620  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wheat flour characterization using NIR and spectral filter based on Ant Colony Optimization. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 132, 133-140.	1.8	37
2	Development of a quantitative approach using Raman spectroscopy for carotenoids determination in processed sweet potato. <i>Food Chemistry</i> , 2018, 245, 1224-1231.	4.2	27
3	Determination of the concentration of total phenolic compounds in aged cachaça using two-dimensional fluorescence and mid-infrared spectroscopy. <i>Food Chemistry</i> , 2020, 329, 127142.	4.2	17
4	Classification of Diesel Fuel Using Two-Dimensional Fluorescence Spectroscopy. <i>Energy &amp; Fuels</i> , 2017, 31, 8942-8950.	2.5	7
5	Prediction of sulfur content in diesel fuel using fluorescence spectroscopy and a hybrid ant colony - Tabu Search algorithm with polynomial bases expansion. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 206, 104161.	1.8	7
6	Avoiding misleading predictions in fluorescence-based soft sensors using autoencoders. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 223, 104527.	1.8	7
7	Sulfur Determination in Diesel using 2D Fluorescence Spectroscopy and Linear Models. <i>IFAC-PapersOnLine</i> , 2015, 48, 415-420.	0.5	5
8	K-RANK: AN EVOLUTION OF Y-RANK FOR MULTIPLE SOLUTIONS PROBLEM. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 409-419.	0.7	4