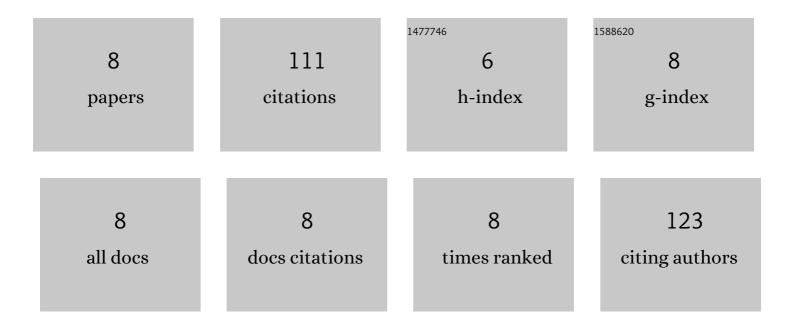
## Lucas Ranzan

List of Publications by Year in descending order

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

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LUCAS RANZAN

#	Article	IF	CITATIONS
1	Wheat flour characterization using NIR and spectral filter based on Ant Colony Optimization. Chemometrics and Intelligent Laboratory Systems, 2014, 132, 133-140.	1.8	37
2	Development of a quantitative approach using Raman spectroscopy for carotenoids determination in processed sweet potato. Food Chemistry, 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. Food Chemistry, 2020, 329, 127142.	4.2	17
4	Classification of Diesel Fuel Using Two-Dimensional Fluorescence Spectroscopy. Energy & Fuels, 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. Chemometrics and Intelligent Laboratory Systems, 2020, 206, 104161.	1.8	7
6	Avoiding misleading predictions in fluorescence-based soft sensors using autoencoders. Chemometrics and Intelligent Laboratory Systems, 2022, 223, 104527.	1.8	7
7	Sulfur Determination in Diesel using 2D Fluorescence Spectroscopy and Linear Models. IFAC-PapersOnLine, 2015, 48, 415-420.	0.5	5
8	K-RANK: AN EVOLUTION OF Y-RANK FOR MULTIPLE SOLUTIONS PROBLEM. Brazilian Journal of Chemical Engineering, 2019, 36, 409-419.	0.7	4