

# Lucas Ranzan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

69

citations

4

h-index

8

g-index

8

ext. papers

90

ext. citations

4.3

avg, IF

2.11

L-index

#	Paper	IF	Citations
8	Avoiding misleading predictions in fluorescence-based soft sensors using autoencoders. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2022</b> , 223, 104527	3.8	2
7	Determination of the concentration of total phenolic compounds in aged cachaça using two-dimensional fluorescence and mid-infrared spectroscopy. <i>Food Chemistry</i> , <b>2020</b> , 329, 127142	8.5	8
6	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> , <b>2020</b> , 206, 104161	3.8	4
5	K-RANK: AN EVOLUTION OF Y-RANK FOR MULTIPLE SOLUTIONS PROBLEM. <i>Brazilian Journal of Chemical Engineering</i> , <b>2019</b> , 36, 409-419	1.7	2
4	Development of a quantitative approach using Raman spectroscopy for carotenoids determination in processed sweet potato. <i>Food Chemistry</i> , <b>2018</b> , 245, 1224-1231	8.5	19
3	Classification of Diesel Fuel Using Two-Dimensional Fluorescence Spectroscopy. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 8942-8950	4.1	5
2	Sulfur Determination in Diesel using 2D Fluorescence Spectroscopy and Linear Models. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 415-420	0.7	4
1	Wheat flour characterization using NIR and spectral filter based on Ant Colony Optimization. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2014</b> , 132, 133-140	3.8	25