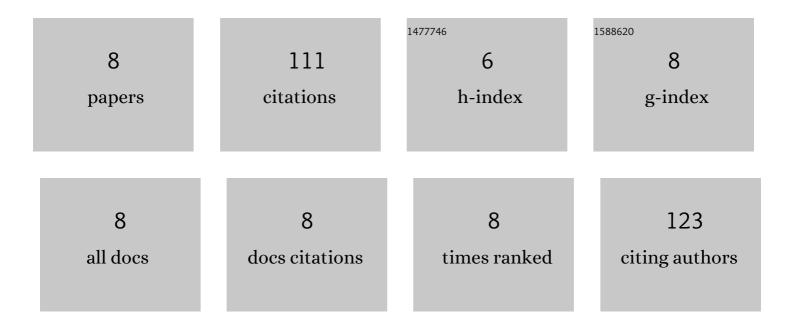
Lucas Ranzan

List of Publications by Year in descending order

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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 |