

Andr Luiz Squissato

List of Publications by Citations

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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.

21
papers

316
citations

12
h-index

17
g-index

22
ext. papers

381
ext. citations

5.7
avg, IF

4.02
L-index

#	Paper	IF	Citations
21	Improved electrochemical detection of metals in biological samples using 3D-printed electrode: Chemical/electrochemical treatment exposes carbon-black conductive sites. <i>Electrochimica Acta</i> , 2020 , 335, 135688	6.7	56
20	Influence of blending soybean, sunflower, colza, corn, cottonseed, and residual cooking oil methyl biodiesels on the oxidation stability. <i>Fuel</i> , 2014 , 118, 16-20	7.1	33
19	Additive-manufactured sensors for biofuel analysis: copper determination in bioethanol using a 3D-printed carbon black/polylactic electrode. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 2755-2762	4.4	26
18	An Overview of Recent Electroanalytical Applications Utilizing Screen-Printed Electrodes Within Flow Systems. <i>ChemElectroChem</i> , 2020 , 7, 2211-2221	4.3	22
17	Iron (III) determination in bioethanol fuel using a smartphone-based device. <i>Microchemical Journal</i> , 2019 , 146, 1134-1139	4.8	22
16	Eucalyptus pulp as an adsorbent for biodiesel purification. <i>Cellulose</i> , 2015 , 22, 1263-1274	5.5	19
15	Voltammetric determination of copper and tert-butylhydroquinone in biodiesel: A rapid quality control protocol. <i>Talanta</i> , 2019 , 201, 433-440	6.2	18
14	Amperometric determination of the insecticide fipronil using batch injection analysis: comparison between unmodified and carbon-nanotube-modified electrodes. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 2453-2459	2.6	18
13	Stripping Voltammetric Determination of Mercury in Fish Oil Capsules Using a Screen-printed Gold Electrode. <i>Electroanalysis</i> , 2018 , 30, 20-23	3	15
12	In situ electrochemical determination of free Cu(II) ions in biodiesel using screen-printed electrodes: Direct correlation with oxidation stability. <i>Fuel</i> , 2018 , 234, 1452-1458	7.1	14
11	Eucalyptus pulp as an adsorbent for metal removal from biodiesel. <i>Industrial Crops and Products</i> , 2017 , 95, 1-5	5.9	13
10	Portable electrochemical system using screen-printed electrodes for monitoring corrosion inhibitors. <i>Talanta</i> , 2017 , 174, 420-427	6.2	12
9	Screen-printed electrodes for quality control of liquid (Bio)fuels. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 108, 210-220	14.6	11
8	Corrosive character of Moringa oleifera Lam biodiesel exposed to carbon steel under simulated storage conditions. <i>Renewable Energy</i> , 2019 , 139, 1263-1271	8.1	10
7	Homogeneous catalysis of soybean oil transesterification via methylic and ethylic routes: Multivariate comparison. <i>Energy</i> , 2014 , 67, 569-574	7.9	7
6	Improved anodic stripping voltammetric detection of zinc on a disposable screen-printed gold electrode. <i>Ionics</i> , 2020 , 26, 2611-2621	2.7	7
5	Oxidative stability and corrosivity of biodiesel produced from residual cooking oil exposed to copper and carbon steel under simulated storage conditions: Dual effect of antioxidants. <i>Renewable Energy</i> , 2021 , 164, 1485-1495	8.1	7

- 4 A multi-pumping flow system for spectrophotometric determination of oxalate in tea. *Microchemical Journal*, **2020**, 157, 104938 4.8 3
- 3 Potential of Mafura seed oil as a feedstock for biodiesel production. *Biofuels*, **2020**, 1-7 2 2
- 2 Cloud-point extraction associated with voltammetry: preconcentration and elimination of the sample matrix for trace determination of methyl parathion in honey. *Analytical Methods*, **2020**, 12, 5801-5814 3.2 1
- 1 Nanomaterial-Based Electrochemical Sensors for Environmental and Energy Applications **2019**, 197-228