Eliana F C Simes

List of Publications by Citations

16 papers	296 citations	9 h-index	17 g-index
17 ext. papers	356 ext. citations	5.3 avg, IF	3.73 L-index

#	Paper	IF	Citations
16	Carbon dots prepared from citric acid and urea as fluorescent probes for hypochlorite and peroxynitrite. *Mikrochimica Acta*, **2016**, 183, 1769-1777	5.8	88
15	Carbon dots from tryptophan doped glucose for peroxynitrite sensing. *Analytica Chimica Acta*, **2014**, 852, 174-80	6.6	38
14	Sulfur and nitrogen co-doped carbon dots sensors for nitric oxide fluorescence quantification. *Analytica Chimica Acta*, **2017**, 960, 117-122	6.6	34
13	Peroxynitrite and nitric oxide fluorescence sensing by ethylenediamine doped carbon dots. *Sensors and Actuators B: Chemical*, **2015**, 220, 1043-1049	8.5	24
12	Characterization of optical fiber long period grating refractometer with nanocoating. *Sensors and Actuators B: Chemical*, **2011**, 153, 335-339	8.5	21
11	Glucose Sensing by Fluorescent Nanomaterials. *Critical Reviews in Analytical Chemistry*, **2019**, 49, 542-552	5.2	20
10	Hypochlorite fluorescence sensing by phenylboronic acid-alizarin adduct based carbon dots. *Talanta*, **2020**, 208, 120447	6.2	18
9	3-Hydroxyphenylboronic Acid-Based Carbon Dot Sensors for Fructose Sensing. *Journal of Fluorescence*, **2019**, 29, 265-270	2.4	14
8	Monitoring the quality of frying oils using a nanolayer coated optical fiber refractometer. *Talanta*, **2010**, 83, 291-3	6.2	9
7	NO Fluorescence Quantification by Chitosan CdSe Quantum Dots Nanocomposites. *Journal of Fluorescence*, **2014**, 24, 639-48	2.4	8
6	Deposition of Aerosols onto Upper Ocean and Their Impacts on Marine Biota. *Atmosphere*, **2021**, 12, 684	2.7	8
5	NO fluorescence sensing by europium tetracyclines complexes in the presence of H2O2. *Journal of Fluorescence*, **2013**, 23, 681-8	2.4	5
4	Reduced fluoresceinamine for peroxynitrite quantification in the presence of nitric oxide. *Journal of Fluorescence*, **2012**, 22, 1127-40	2.4	5
3	Flow injection analysis for nitric oxide quantification based on reduced fluoresceinamine. *Analytical Methods*, **2012**, 4, 1089	3.2	2
2	PARAFAC based methods for the analysis of Diltiazem drug excitation emission matrices of fluorescence obtained by a derivatization reaction. *Analytical Methods*, **2011**, 3, 2758	3.2	2
1	Assessing reactive oxygen and nitrogen species in atmospheric and aquatic environments: Analytical challenges and opportunities. *TrAC - Trends in Analytical Chemistry*, **2021**, 135, 116149	14.6	0