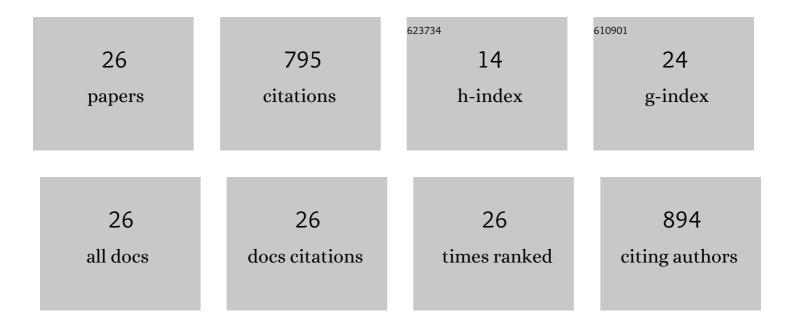
## Renata B Costa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The electrical double layer at the [BMIM][PF6] ionic liquid/electrode interface – Effect of temperature on the differential capacitance. Journal of Electroanalytical Chemistry, 2008, 622, 153-160.	3.8	149
2	Differential capacity of a deep eutectic solvent based on choline chloride and glycerol on solid electrodes. Electrochimica Acta, 2009, 54, 2630-2634.	5.2	111
3	Double layer in room temperature ionic liquids: influence of temperature and ionic size on the differential capacitance and electrocapillary curves. Physical Chemistry Chemical Physics, 2010, 12, 11125.	2.8	73
4	Molecularly imprinted polymer SPE sensor for analysis of CA-125 on serum. Analytica Chimica Acta, 2019, 1082, 126-135.	5.4	71
5	Electrochemical double layer at the interfaces of Hg/choline chloride based solvents. Electrochimica Acta, 2010, 55, 8916-8920.	5.2	61
6	Influence of the anion on the properties of ionic liquid mixtures: a molecular dynamics study. Physical Chemistry Chemical Physics, 2018, 20, 14899-14918.	2.8	40
7	The electrical double layer at the ionic liquid/Au and Pt electrode interface. RSC Advances, 2014, 4, 28914-28921.	3.6	39
8	Charge Storage on Ionic Liquid Electric Double Layer: The Role of the Electrode Material. Electrochimica Acta, 2015, 167, 421-428.	5.2	37
9	Electric double layer studies at the interface of mercury–binary ionic liquid mixtures with a common anion. RSC Advances, 2013, 3, 11697.	3.6	25
10	Interactions in the ionic liquid [EMIM][FAP]: a coupled experimental and computational analysis. Physical Chemistry Chemical Physics, 2016, 18, 2617-2628.	2.8	25
11	Enhancement of differential double layer capacitance and charge accumulation by tuning the composition of ionic liquids mixtures. Electrochimica Acta, 2018, 261, 214-220.	5.2	23
12	Structural ordering transitions in ionic liquids mixtures. Electrochemistry Communications, 2015, 57, 10-13.	4.7	22
13	Characterization and electrochemical studies of MWCNTs decorated with Ag nanoparticles through pulse reversed current electrodeposition using a deep eutectic solvent for energy storage applications. Journal of Materials Research and Technology, 2021, 15, 342-359.	5.8	20
14	Dicationic Ionic Liquid: Insight in the Electrical Double Layer Structure at mercury, glassy carbon and gold surfaces. Electrochimica Acta, 2014, 116, 306-313.	5.2	15
15	Role of the anion on the Interfacial Structure of Ionic Liquids Binary Mixtures at Mercury Interfaces. Electrochimica Acta, 2016, 195, 150-157.	5.2	12
16	Electrochemical and optical biosensing platforms for the immunorecognition of hazelnut Cor a 14 allergen. Food Chemistry, 2021, 361, 130122.	8.2	12
17	Sustainable Preparation of Nanoporous Carbons via Dry Ball Milling: Electrochemical Studies Using Nanocarbon Composite Electrodes and a Deep Eutectic Solvent as Electrolyte. Nanomaterials, 2021, 11, 3258.	4.1	10
18	Molecularly imprinted polymer as a synthetic antibody for the biorecognition of hazelnut Cor a 14-allergen. Analytica Chimica Acta, 2022, 1191, 339310.	5.4	9

Renata B Costa

#	Article	IF	CITATIONS
19	Probing of the Voltammetric Features of Graphite Electrodes Modified with Mercaptoundecanoic Acid Stabilized Gold Nanoparticles. Journal of Physical Chemistry C, 2008, 112, 2428-2435.	3.1	8
20	Insight on the effect of surface modification by carbon materials on the Ionic Liquid Electric Double Layer Charge Storage properties. Electrochimica Acta, 2015, 176, 880-886.	5.2	8
21	Characterization of Carbon Nanomaterials Dispersions: Can Metal Decoration of MWCNTs Improve Their Physicochemical Properties?. Nanomaterials, 2022, 12, 99.	4.1	8
22	Electrodeposition of Sn and Sn Composites with Carbon Materials Using Choline Chloride-Based Ionic Liquids. Coatings, 2019, 9, 798.	2.6	7
23	Ordering and Nonideality of Air–Ionic Liquid Interfaces in Surface Second Harmonic Generation. Journal of Physical Chemistry B, 2020, 124, 3954-3961.	2.6	7
24	Hydrogen Bond Donors Influence on the Electrochemical Performance of Composite Graphene Electrodes/Deep Eutectic Solvents Interface. Electrochem, 2022, 3, 129-142.	3.3	2
25	5. Ionic liquids at electrified interfaces for advanced energy/charge storage applications. , 2019, , 101-128.		1
26	Nanostructured Tin-based Alloys Composites using Deep Eutectic Solvents as Electrolytes. U Porto Journal of Engineering, 2020, 6, 70-85.	0.4	0