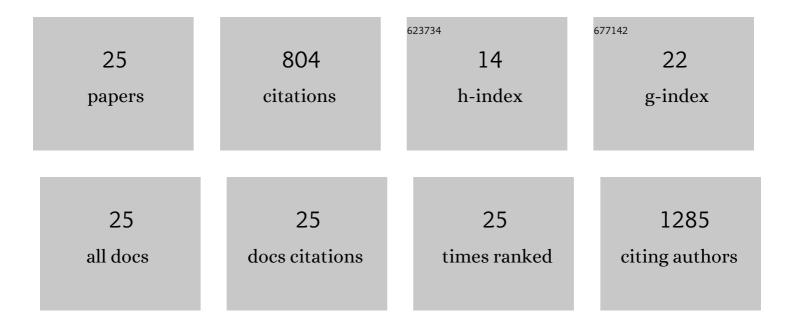
## **Renata Kelly Mendes**

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Biosensors based on gold nanostructures. Journal of the Brazilian Chemical Society, 2011, 22, 3-20.	0.6	113
2	Surface plasmon resonance immunosensor for human cardiac troponin T based on self-assembled monolayer. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 1744-1750.	2.8	92
3	Evaluation of a new rigid carbon–castor oil polyurethane composite as an electrode material. Talanta, 2002, 57, 909-917.	5.5	80
4	Optical paper-based sensor for ascorbic acid quantification using silver nanoparticles. Talanta, 2015, 141, 188-194.	5.5	66
5	Characterization of self-assembled thiols monolayers on gold surface by electrochemical impedance spectroscopy. Journal of the Brazilian Chemical Society, 2004, 15, 849-855.	0.6	65
6	Nickel hydroxide electrodes as amperometric detectors for carbohydrates in flow injection analysis and liquid chromatography. Journal of Electroanalytical Chemistry, 2009, 636, 18-23.	3.8	62
7	Effects of different self-assembled monolayers on enzyme immobilization procedures in peroxidase-based biosensor development. Journal of Electroanalytical Chemistry, 2008, 612, 164-172.	3.8	55
8	The use of a graphite–castor oil polyurethane composite electrode for the determination of hydroquinone in photographic developers. Talanta, 2006, 68, 708-712.	5.5	46
9	Electrochemical detection of cysteine in a flow system based on reductive desorption of thiols from gold. Analytica Chimica Acta, 2006, 575, 172-179.	5.4	45
10	The antimicrobial and antiadhesion activities of micellar solutions of surfactin, CTAB and CPCl with terpinen-4-ol: applications to control oral pathogens. World Journal of Microbiology and Biotechnology, 2018, 34, 86.	3.6	32
11	Surface plasmon resonance immunosensor for early diagnosis of Asian rust on soybean leaves. Biosensors and Bioelectronics, 2009, 24, 2483-2487.	10.1	29
12	Development of graphite-polymer composites as electrode materials. Materials Research, 2007, 10, 109-114.	1.3	28
13	Development of an electrochemical immunosensor for Phakopsora pachyrhizi detection in the early diagnosis of soybean rust. Journal of the Brazilian Chemical Society, 2009, 20, 795-801.	0.6	20
14	Aplicações de QCM, EIS e SPR na investigação de superfÃcies e interfaces para o desenvolvimento de (bio)sensores. Quimica Nova, 2004, 27, 970-979.	0.3	16
15	A disposable voltammetric immunosensor based on magnetic beads for early diagnosis of soybean rust. Sensors and Actuators B: Chemical, 2012, 166-167, 135-140.	7.8	16
16	Development of a disposable amperometric biosensor for salicylate based on a plastic electrochemical microcell. Biosensors and Bioelectronics, 2010, 25, 2200-2204.	10.1	10
17	Poly(dimethylsiloxane) as a pre-coating in layer-by-layer films containing phosphotungstate nanoclusters electrochemically sensitive toward s-triazines. RSC Advances, 2014, 4, 29612.	3.6	10
18	Low-Cost Electrochemical Determination of Acrylamide in Processed Food Using a Hemoglobin – Iron Magnetic Nanoparticle – Chitosan Modified Carbon Paste Electrode. Analytical Letters, 2021, 54, 1180-1192.	1.8	8

#	Article	IF	CITATIONS
19	Kinetic studies of HRP adsorption on ds-DNA immobilized on gold electrode surface by EIS and SPR. Journal of the Brazilian Chemical Society, 2010, 21, 1648-1655.	0.6	6
20	Residual biomass from surfactin production is a source of arginase and adsorbed surfactin that is useful for environmental remediation. World Journal of Microbiology and Biotechnology, 2021, 37, 123.	3.6	2
21	Electrochemical-Surface Plasmon Resonance: Concept and Bioanalytical Applications. , 2013, , 127-137.		1
22	Electrochemical Determination of Hydroquinone Using a Tyrosinase-Based Cup-Stacked Carbon Nanotube (CSCNT)/Carbon Fiber Felt Composite Electrode. Analytical Letters, 2021, 54, 2700-2712.	1.8	1
23	Removal of p-cresol using wash waters from lipopeptide production. Environmental Technology (United Kingdom), 2023, 44, 334-341.	2.2	1
24	A Zucchini-Peroxidase Biosensor for the Determination of Degradation Products from Biodiesel. Sensor Letters, 2014, 12, 177-182.	0.4	0
25	Application of Factorial Design to Optimize Cloud Point Extraction on the Determination of Metals in Eye Makeup. Revista Virtual De Quimica, 2015, 7, 1371-1383.	0.4	0