

# Diego L Franco

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

651  
citations

471371

17  
h-index

580701

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

778  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel peptide-based electrochemical biosensor for breast cancer characterization over a poly 3-(3-aminophenyl) propionic acid matrix. <i>Biosensors and Bioelectronics</i> , 2022, 205, 114081.	5.3	12
2	Electropolymerization in multilayers of aromatic monomers over graphite electrodes for the development of a biosensor for Chagas disease. <i>Materials Chemistry and Physics</i> , 2022, 288, 126364.	2.0	2
3	A novel electrochemical sensor for simultaneous determination of cadmium and lead using graphite electrodes modified with poly(p-coumaric acid). <i>Microchemical Journal</i> , 2021, 168, 106406.	2.3	27
4	Electrochemical biosensors for neglected tropical diseases: A review. <i>Talanta</i> , 2021, 234, 122617.	2.9	19
5	A simple, fast, and direct electrochemical determination of tyramine in Brazilian wines using low-cost electrodes. <i>Food Control</i> , 2021, 130, 108369.	2.8	7
6	Pesticide Residues Analysis by Electroanalytical Techniques. <i>Sustainable Agriculture Reviews</i> , 2021, , 1-75.	0.6	3
7	A new tool for dengue virus diagnosis: Optimization and detection of anti-NS1 antibodies in serum samples by impedimetric transducers. <i>Microchemical Journal</i> , 2020, 154, 104544.	2.3	16
8	Biosensors for the detection of respiratory viruses: A review. <i>Talanta Open</i> , 2020, 2, 100007.	1.7	97
9	Impedimetric immunosensor for rapid and simultaneous detection of chagas and visceral leishmaniasis for point of care diagnosis. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112573.	5.3	24
10	Electrochemical modification of electrodes with polymers derived from of hydroxybenzoic acid isomers: Optimized platforms for an alkaline phosphatase biosensor for pesticide detection. <i>Materials Chemistry and Physics</i> , 2020, 252, 123221.	2.0	8
11	Electrochemical enzymatic biosensor for tyramine based on polymeric matrix derived from 4-mercaptophenylacetic acid. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 985-995.	1.2	23
12	Electropolymerization of phenol and aniline derivatives: Synthesis, characterization and application as electrochemical transducers. <i>Journal of Electroanalytical Chemistry</i> , 2019, 846, 113163.	1.9	33
13	Novel electrochemical genosensor for Zika virus based on a poly-(3-amino-4-hydroxybenzoic) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.50	30
14	Label-free electrochemical impedance immunosensor based on modified screen-printed gold electrodes for the diagnosis of canine visceral leishmaniasis. <i>Talanta</i> , 2019, 195, 327-332.	2.9	42
15	Optimization and Application of Electrochemical Transducer for Detection of Specific Oligonucleotide Sequence for <i>Mycobacterium tuberculosis</i> . <i>Biosensors</i> , 2018, 8, 84.	2.3	13
16	Electrochemical enzymatic fenitrothion sensor based on a tyrosinase/poly(2-hydroxybenzamide)-modified graphite electrode. <i>Analytical Biochemistry</i> , 2018, 553, 15-23.	1.1	26
17	Synthesis and characterization of a material derived from 4-mercaptobenzoic acid: A novel platform for oligonucleotide immobilization. <i>Talanta</i> , 2017, 165, 69-75.	2.9	10
18	Electrochemical detection of uric acid using graphite screen-printed electrodes modified with Prussian blue/poly(4-aminosalicylic acid)/Uricase. <i>Journal of Electroanalytical Chemistry</i> , 2017, 806, 172-179.	1.9	42

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19	Determination of sildenafil citrate (Viagra®) in various pharmaceutical formulations by flow injection analysis with multiple pulse amperometric detection. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1800-1806.	0.6	21
20	Simultaneous Determination of Caffeine and Acetylsalicylic Acid in Pharmaceutical Formulations Using a Boron-Doped Diamond Film Electrode by Differential Pulse Voltammetry. <i>Electroanalysis</i> , 2012, 24, 1141-1146.	1.5	35
21	Bioelectrode for detection of human salivary amylase. <i>Materials Science and Engineering C</i> , 2012, 32, 530-535.	3.8	21
22	A Biosensor Using Poly(4-Aminophenol)/acetylcholinesterase modified graphite electrode for the detection of dichlorvos. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 1217-1222.	0.5	3
23	Formation of novel polymeric films derived from 4-hydroxybenzoic acid. <i>Materials Chemistry and Physics</i> , 2011, 129, 46-52.	2.0	27
24	Electrochemical and morphological studies of an electroactive material derived from 3-hydroxyphenylacetic acid: a new matrix for oligonucleotide hybridization. <i>Journal of Materials Science</i> , 2010, 45, 475-482.	1.7	24
25	Electropolymerization of 3-aminophenol on carbon graphite surface: Electric and morphologic properties. <i>Materials Chemistry and Physics</i> , 2008, 107, 404-409.	2.0	37
26	Electrodes modified with polyaminophenols: Immobilization of purines and pyrimidines. <i>Polymer Engineering and Science</i> , 2008, 48, 2043-2050.	1.5	21
27	Electrochemical Modification of Graphite Electrodes with Poly(4-aminophenol). <i>Macromolecular Symposia</i> , 2006, 245-246, 236-242.	0.4	27
28	COMPOSTOS ORGÃNICOS E INORGÃNICOS CONTENDO SELÊNIO: REVISÃO DE MÃTODOS ANALÍTICOS E PERSPECTIVAS PARA ANÁLISES QUÍMICAS. <i>Quimica Nova</i> , 0, , .	0.3	0
29	Comparison of the modification of graphite electrodes with poly(4-aminobenzoic acid) and poly(4-hydroxyphenylacetic acid) for determination of Pb(II). <i>Chemical Papers</i> , 0, , .	1.0	1