

# Du00oeanio Ep Souto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8749400/publications.pdf>

Version: 2024-02-01

21  
papers

773  
citations

623574

14  
h-index

713332

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Biosensors in Point-of-Care Devices: Recent Advances and Future Trends. <i>ChemElectroChem</i> , 2017, 4, 778-794.	1.7	230
2	InP Nanowire Biosensor with Tailored Biofunctionalization: Ultrasensitive and Highly Selective Disease Biomarker Detection. <i>Nano Letters</i> , 2017, 17, 5938-5949.	4.5	111
3	Magnetic Bead-Based Immunoassay Allows Rapid, Inexpensive, and Quantitative Detection of Human SARS-CoV-2 Antibodies. <i>ACS Sensors</i> , 2021, 6, 703-708.	4.0	61
4	Development of a label-free immunosensor based on surface plasmon resonance technique for the detection of anti- <i>Leishmania infantum</i> antibodies in canine serum. <i>Biosensors and Bioelectronics</i> , 2013, 46, 22-29.	5.3	58
5	A brief review on the strategy of developing SPR-based biosensors for application to the diagnosis of neglected tropical diseases. <i>Talanta</i> , 2019, 205, 120122.	2.9	49
6	SPR analysis of the interaction between a recombinant protein of unknown function in <i>Leishmania infantum</i> immobilised on dendrimers and antibodies of the visceral leishmaniasis: A potential use in immunodiagnosis. <i>Biosensors and Bioelectronics</i> , 2015, 70, 275-281.	5.3	36
7	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
8	Development of polypyrrole (nano)structures decorated with gold nanoparticles toward immunosensing for COVID-19 serological diagnosis. <i>Materials Today Chemistry</i> , 2022, 24, 100817.	1.7	28
9	Synthetic 1,2,3-triazole-linked glycoconjugates bind with high affinity to human galectin-3. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3414-3425.	1.4	26
10	Application of horseradish peroxidase/polyaniline/bis(2-aminoethyl) polyethylene glycol-functionalized carbon nanotube composite as a platform for hydrogen peroxide detection with high sensitivity at low potential. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2795-2804.	1.2	19
11	Development and evaluation of a SPR-based immunosensor for detection of anti- <i>Trypanosoma cruzi</i> antibodies in human serum. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 287-296.	4.0	19
12	Visible LED light driven photoelectroanalytical detection of antibodies of visceral leishmaniasis based on electrodeposited CdS film sensitized with Au nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 682-690.	4.0	19
13	Using QCM and SPR for the Kinetic Evaluation of the Binding Between A New Recombinant Chimeric Protein and Specific Antibodies of the Visceral Leishmaniasis. <i>Current Protein and Peptide Science</i> , 2015, 16, 782-790.	0.7	15
14	Ultrasensitive Biosensor for Detection of Organophosphorus Pesticides Based on a Macrocyclic Complex/Carbon Nanotubes Composite and 1-Methyl-3-octylimidazolium Tetrafluoroborate as Binder Compound. <i>Analytical Sciences</i> , 2015, 31, 29-35.	0.8	14
15	Dielectric barrier discharge plasma treatment of modified SU-8 for biosensing applications. <i>Biomedical Optics Express</i> , 2018, 9, 2168.	1.5	14
16	Applicability of a novel immunoassay based on surface plasmon resonance for the diagnosis of Chagas disease. <i>Clinica Chimica Acta</i> , 2016, 454, 39-45.	0.5	13
17	Evaluation of PAMAM Dendrimers (G3, G4, and G5) in the Construction of a SPR-based Immunosensor for Cardiac Troponin T. <i>Analytical Sciences</i> , 2021, 37, 1007-1013.	0.8	11
18	Photoelectrochemical immunodiagnosis of canine leishmaniasis using cadmium-sulfide-sensitized zinc oxide modified with synthetic peptides. <i>Electrochemistry Communications</i> , 2017, 82, 75-79.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Studies on the effect of the J-domain on the substrate binding domain (SBD) of Hsp70 using a chimeric human J-SBD polypeptide. International Journal of Biological Macromolecules, 2019, 124, 111-120.	3.6	3
20	On the structure and function of Sorghum bicolor CHIP (carboxyl terminus of Hsc70-interacting) Tj ETQq0 0 0 rgBT <sub>1</sub> /Overlock <sub>2</sub> 10 Tf 50 7	1.7	2
21	Insights into the structure and function of the C-terminus of SGTs (small glutamine-rich) Tj ETQq1 1 0.784314 rgBT <sub>1</sub> /Overlock <sub>1</sub> 10 Tf 50 6	1.3	1