

# Isaac AarÃ³n Morales Frias

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/722051/publications.pdf>

Version: 2024-02-01

15  
papers

291  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

416  
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple nanostructured biosensor based on clavanin A antimicrobial peptide for gram-negative bacteria detection. <i>Biochemical Engineering Journal</i> , 2017, 124, 108-114.	3.6	45
2	Impedimetric immunoassay for aflatoxin B1 using a cysteine modified gold electrode with covalently immobilized carbon nanotubes. <i>Mikrochimica Acta</i> , 2017, 184, 3205-3213.	5.0	34
3	Biosensing breast cancer cells based on a three-dimensional TiO <sub>2</sub> nanomembrane transducer. <i>Biosensors and Bioelectronics</i> , 2017, 92, 313-320.	10.1	31
4	Nanostructured sensor platform based on organic polymer conjugated to metallic nanoparticle for the impedimetric detection of SARS-CoV-2 at various stages of viral infection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114392.	2.8	31
5	Clavanin A-bioconjugated Fe <sub>3</sub> O <sub>4</sub> /Silane core-shell nanoparticles for thermal ablation of bacterial biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 72-81.	5.0	30
6	Attomolar electrochemical detection of the BCR/ABL fusion gene based on an amplifying self-signal metal nanoparticle-conducting polymer hybrid composite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 576-584.	5.0	25
7	Nanostructured electrochemical immunosensor for detection of serological alkaline phosphatase. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 413-418.	5.0	24
8	Electrochemical biosensor based on Temporin-PTA peptide for detection of microorganisms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 216, 114788.	2.8	15
9	Use of magnetically disentangled thiolated carbon nanotubes as a label-free impedimetric genosensor for detecting canine <i>Leishmania</i> spp. infection. <i>Carbon</i> , 2017, 117, 33-40.	10.3	14
10	Electrochemical detection of gram-negative bacteria through mastoparan-capped magnetic nanoparticle. <i>Enzyme and Microbial Technology</i> , 2022, 160, 110088.	3.2	12
11	IMPEDIMETRIC CLAVMO PEPTIDE-BASED SENSOR DIFFERENTIATES PLOIDY OF CANDIDA SPECIES. <i>Biochemical Engineering Journal</i> , 2021, 167, 107918.	3.6	10
12	Concanavalin A differentiates gram-positive bacteria through hierarchized nanostructured transducer. <i>Microbiological Research</i> , 2021, 251, 126834.	5.3	8
13	Impedimetric genosensor based on graphene nanoribbons for detection and identification of oncogenic types of human papillomavirus. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1496-1503.	3.2	5
14	Impedimetric gene assay for BCR/ABL transcripts in plasmids of patients with chronic myeloid leukemia. <i>Mikrochimica Acta</i> , 2018, 185, 415.	5.0	4
15	Real-time monitoring of amyloid fibrillation by electrical impedance spectroscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 724-731.	5.0	3