

# Joana Rafaela Guerreiro

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

579  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attomolar Label-Free Detection of DNA Hybridization with Electrolyte-Gated Graphene Field-Effect Transistors. <i>ACS Sensors</i> , 2019, 4, 286-293.	7.8	146
2	Multifunctional Biosensor Based on Localized Surface Plasmon Resonance for Monitoring Small Molecule-Protein Interaction. <i>ACS Nano</i> , 2014, 8, 7958-7967.	14.6	60
3	Man-tailored biomimetic sensor of molecularly imprinted materials for the potentiometric measurement of oxytetracycline. <i>Biosensors and Bioelectronics</i> , 2010, 26, 566-574.	10.1	54
4	New sensing materials of molecularly-imprinted polymers for the selective recognition of Chlortetracycline. <i>Microchemical Journal</i> , 2011, 97, 173-181.	4.5	38
5	Amplification-free SERS analysis of DNA mutation in cancer cells with single-base sensitivity. <i>Nanoscale</i> , 2019, 11, 7781-7789.	5.6	37
6	A saliva molecular imprinted localized surface plasmon resonance biosensor for wine astringency estimation. <i>Food Chemistry</i> , 2017, 233, 457-466.	8.2	36
7	New biomimetic sensors for the determination of tetracycline in biological samples: Batch and flow mode operations. <i>Analytical Methods</i> , 2010, 2, 2039.	2.7	32
8	Molecular Imprinting of Complex Matrices at Localized Surface Plasmon Resonance Biosensors for Screening of Global Interactions of Polyphenols and Proteins. <i>ACS Sensors</i> , 2016, 1, 258-264.	7.8	28
9	Novel biomimetic composite material for potentiometric screening of acetylcholine, a neurotransmitter in Alzheimer's disease. <i>Materials Science and Engineering C</i> , 2017, 79, 541-549.	7.3	24
10	FIA potentiometric system based on periodate polymeric membrane sensors for the assessment of ascorbic acid in commercial drinks. <i>Food Chemistry</i> , 2010, 120, 934-939.	8.2	23
11	Trimethoprim-selective electrodes with molecularly imprinted polymers acting as ionophores and potentiometric transduction on graphite solid-contact. <i>Microchemical Journal</i> , 2011, 98, 21-28.	4.5	21
12	Selective recognition in potentiometric transduction of amoxicillin by molecularly imprinted materials. <i>European Food Research and Technology</i> , 2011, 232, 39-50.	3.3	18
13	Influence of the Electrolyte Salt Concentration on DNA Detection with Graphene Transistors. <i>Biosensors</i> , 2021, 11, 24.	4.7	18
14	Encapsulation of Nanostructures in a Dielectric Matrix Providing Optical Enhancement in Ultrathin Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000310.	5.8	10
15	Disposable solid state probe for optical screening of chlorpromazine. <i>Mikrochimica Acta</i> , 2011, 175, 323-331.	5.0	7
16	Dual colorimetric strategy for specific DNA detection by nicking endonuclease-assisted gold nanoparticle signal amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5239-5253.	3.7	7
17	Single-use microfluidic device for purification and concentration of environmental DNA from river water. <i>Talanta</i> , 2021, 226, 122109.	5.5	6
18	SPR based Studies for Pentagalloyl Glucose Binding to $\alpha$ -Amylase. <i>Procedia Engineering</i> , 2012, 47, 498-501.	1.2	5

#	ARTICLE	IF	CITATIONS
19	The effect of method, standard and sample components on the total antioxidant capacity of commercial waters assessed by optical conventional assays. <i>Food Chemistry</i> , 2012, 134, 564-571.	8.2	5
20	Protein-polyphenol interaction on silica beads for astringency tests based on eye, photography or reflectance detection modes. <i>Analytical Methods</i> , 2013, 5, 2694.	2.7	4
21	Amplified plasmonic and microfluidic setup for DNA monitoring. <i>Mikrochimica Acta</i> , 2021, 188, 326.	5.0	0