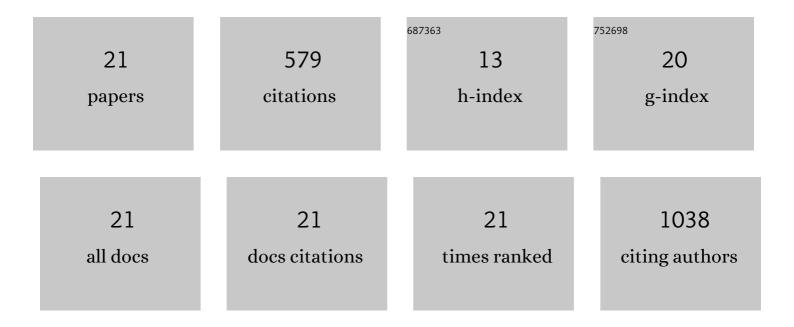
Joana Rafaela Guerreiro

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Attomolar Label-Free Detection of DNA Hybridization with Electrolyte-Gated Graphene Field-Effect Transistors. ACS Sensors, 2019, 4, 286-293.	7.8	146
2	Multifunctional Biosensor Based on Localized Surface Plasmon Resonance for Monitoring Small Molecule–Protein Interaction. ACS Nano, 2014, 8, 7958-7967.	14.6	60
3	Man-tailored biomimetic sensor of molecularly imprinted materials for the potentiometric measurement of oxytetracycline. Biosensors and Bioelectronics, 2010, 26, 566-574.	10.1	54
4	New sensing materials of molecularly-imprinted polymers for the selective recognition of Chlortetracycline. Microchemical Journal, 2011, 97, 173-181.	4.5	38
5	Amplification-free SERS analysis of DNA mutation in cancer cells with single-base sensitivity. Nanoscale, 2019, 11, 7781-7789.	5.6	37
6	A saliva molecular imprinted localized surface plasmon resonance biosensor for wine astringency estimation. Food Chemistry, 2017, 233, 457-466.	8.2	36
7	New biomimetic sensors for the determination of tetracycline in biological samples: Batch and flow mode operations. Analytical Methods, 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. ACS Sensors, 2016, 1, 258-264.	7.8	28
9	Novel biomimetic composite material for potentiometric screening of acetylcholine, a neurotransmitter in Alzheimer's disease. Materials Science and Engineering C, 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. Food Chemistry, 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. Microchemical Journal, 2011, 98, 21-28.	4.5	21
12	Selective recognition in potentiometric transduction of amoxicillin by molecularly imprinted materials. European Food Research and Technology, 2011, 232, 39-50.	3.3	18
13	Influence of the Electrolyte Salt Concentration on DNA Detection with Graphene Transistors. Biosensors, 2021, 11, 24.	4.7	18
14	Encapsulation of Nanostructures in a Dielectric Matrix Providing Optical Enhancement in Ultrathin Solar Cells. Solar Rrl, 2020, 4, 2000310.	5.8	10
15	Disposable solid state probe for optical screening of chlorpromazine. Mikrochimica Acta, 2011, 175, 323-331.	5.0	7
16	Dual colorimetric strategy for specific DNA detection by nicking endonuclease-assisted gold nanoparticle signal amplification. Analytical and Bioanalytical Chemistry, 2022, 414, 5239-5253.	3.7	7
17	Single-use microfluidic device for purification and concentration of environmental DNA from river water. Talanta, 2021, 226, 122109.	5.5	6
18	SPR based Studies for Pentagalloyl Glucose Binding to α-Amylase. Procedia Engineering, 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. Food Chemistry, 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. Analytical Methods, 2013, 5, 2694.	2.7	4
21	Amplified plasmonic and microfluidic setup for DNA monitoring. Mikrochimica Acta, 2021, 188, 326.	5.0	Ο