

Rui C Campos

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

797
citations

567281

15
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

1281
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA Aptamer-Based Electrochemical Biosensor for Selective and Label-Free Analysis of Dopamine. <i>Analytical Chemistry</i> , 2013, 85, 121-128.	6.5	184
2	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
3	Effect of the DNA End of Tethering to Electrodes on Electron Transfer in Methylene Blue-Labeled DNA Duplexes. <i>Langmuir</i> , 2012, 28, 16218-16226.	3.5	60
4	DNA-Mediated Electron Transfer in DNA Duplexes Tethered to Gold Electrodes via Phosphorothioated dA Tags. <i>Langmuir</i> , 2014, 30, 11853-11857.	3.5	42
5	Electrochemistry of weakly adsorbed species: Voltammetric analysis of electron transfer between gold electrodes and Ru hexaamine electrostatically interacting with DNA duplexes. <i>Electrochimica Acta</i> , 2014, 126, 151-157.	5.2	39
6	Surface state of the dopamine RNA aptamer affects specific recognition and binding of dopamine by the aptamer-modified electrodes. <i>Analyst</i> , The, 2015, 140, 4089-4096.	3.5	39
7	Testing Models Relating Rejection, Depression, Interpersonal Needs, and Psychache to Suicide Risk in Nonclinical Individuals. <i>Journal of Clinical Psychology</i> , 2015, 71, 994-1003.	1.9	38
8	Electroanalysis of pM-levels of urokinase plasminogen activator in serum by phosphorothioated RNA aptamer. <i>Analyst</i> , The, 2015, 140, 3794-3802.	3.5	35
9	Mapping the gaps in chemical analysis for the characterisation of aptamer-target interactions. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 142, 116311.	11.4	35
10	Self-report depressive symptoms do not directly predict suicidality in nonclinical individuals: Contributions toward a more psychosocial approach to suicide risk. <i>Death Studies</i> , 2016, 40, 335-349.	2.7	32
11	Functionalization of single-layer graphene for immunoassays. <i>Applied Surface Science</i> , 2019, 480, 709-716.	6.1	29
12	Liposome-doped hydrogel for implantable tissue. <i>Soft Matter</i> , 2011, 7, 7071.	2.7	23
13	Electron Transfer in Spacer-Free DNA Duplexes Tethered to Gold via dA ₁₀ Tags. <i>Langmuir</i> , 2018, 34, 8472-8479.	3.5	23
14	Electron Transport in Supported and Tethered Lipid Bilayers Modified with Bioelectroactive Molecules. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3909-3917.	2.6	17
15	Comparative electrochemical and impedance studies of self-assembled rigid-rod molecular wires and alkanethiols on gold substrates. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14804.	2.8	15
16	Novel electrochemiluminescent assay for the aptamer-based detection of testosterone. <i>Talanta</i> , 2022, 239, 123121.	5.5	9
17	How perfluoroalkyl substances modify fluorinated self-assembled monolayer architectures: An electrochemical and computational study. <i>Analytica Chimica Acta</i> , 2022, 1204, 339740.	5.4	6
18	Graphene setting the stage: tracking DNA hybridization with nanoscale resolution. <i>2D Materials</i> , 2019, 6, 045056.	4.4	4

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19	Estudos de Valida��o do Interpersonal Needs Questionnaire (INQ-15) para a Popula��o Portuguesa. Revista Iberoamericana De Diagnostico Y Evaluacion Psicologica, 2019, 53, .	0.1	3
20	Results from Two Countries on How Thwarted Interpersonal Needs Contribute to Understanding Self-Harm. Journal of Psychology: Interdisciplinary and Applied, 2022, 156, 185-199.	1.6	1