

Francesca G Bellagambi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

646
citations

623188

14
h-index

794141

19
g-index

23
all docs

23
docs citations

23
times ranked

845
citing authors

#	ARTICLE	IF	CITATIONS
1	Saliva sampling: Methods and devices. An overview. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115781.	5.8	149
2	Pharmacological characterization of the vascular effects of aryl isothiocyanates: Is hydrogen sulfide the real player?. <i>Vascular Pharmacology</i> , 2014, 60, 32-41.	1.0	86
3	Electrochemical biosensor platform for TNF- α cytokines detection in both artificial and human saliva: Heart failure. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 1026-1033.	4.0	75
4	A novel chronoamperometric immunosensor for rapid detection of TNF- α in human saliva. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 477-484.	4.0	58
5	Ultrasensitive Immunosensor Array for TNF- α Detection in Artificial Saliva using Polymer-Coated Magnetic Microparticles onto Screen-Printed Gold Electrode. <i>Sensors</i> , 2019, 19, 692.	2.1	36
6	Room temperature amine sensors enabled by sidewall functionalization of single-walled carbon nanotubes. <i>RSC Advances</i> , 2018, 8, 5578-5585.	1.7	30
7	Determination of sevoflurane and isopropyl alcohol in exhaled breath by thermal desorption gas chromatography-mass spectrometry for exposure assessment of hospital staff. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 106, 218-223.	1.4	29
8	Development of an ImmunoFET for Analysis of Tumour Necrosis Factor- α in Artificial Saliva: Application for Heart Failure Monitoring. <i>Chemosensors</i> , 2021, 9, 26.	1.8	24
9	Salivary lactate and 8-isoprostaglandin F $_{2\alpha}$ as potential non-invasive biomarkers for monitoring heart failure: a pilot study. <i>Scientific Reports</i> , 2020, 10, 7441.	1.6	23
10	Using labelled internal standards to improve needle trap micro-extraction technique prior to gas chromatography/mass spectrometry. <i>Talanta</i> , 2019, 200, 145-155.	2.9	22
11	A silicon nitride ISFET based immunosensor for tumor necrosis factor-alpha detection in saliva. A promising tool for heart failure monitoring. <i>Analytica Chimica Acta</i> , 2021, 1161, 338468.	2.6	22
12	Micro-extraction by packed sorbent combined with UHPLC-ESI-MS/MS for the determination of prostanoids and isoprostanoids in dried blood spots. <i>Talanta</i> , 2020, 206, 120236.	2.9	21
13	Saliva as a non-invasive tool for monitoring oxidative stress in swimmers athletes performing a VO $_{2\max}$ cycle ergometer test. <i>Talanta</i> , 2020, 216, 120979.	2.9	20
14	Determination and stability of N-terminal pro-brain natriuretic peptide in saliva samples for monitoring heart failure. <i>Scientific Reports</i> , 2021, 11, 13088.	1.6	17
15	Salivary Biomarkers for Diagnosis and Therapy Monitoring in Patients with Heart Failure. A Systematic Review. <i>Diagnostics</i> , 2021, 11, 824.	1.3	7
16	A computational approach for the estimation of heart failure patients status using saliva biomarkers. , 2017, 2017, 3648-3651.		6
17	On the impedance spectroscopy of field-effect biosensors. <i>Electrochemical Science Advances</i> , 2022, 2, e2100138.	1.2	5
18	Spatially hierarchical nano-architecture for real time detection of Interleukin-8 cancer biomarker. <i>Talanta</i> , 2022, 246, 123436.	2.9	5

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19	Predicting Heart Failure Patient Events by Exploiting Saliva and Breath Biomarkers Information. , 2017, , .		3
20	Estimation of Heart Failure Patients Medication Adherence through the Utilization of Saliva and Breath Biomarkers and Data Mining Techniques. , 2017, , .		3
21	Sport in Town: The Smart Healthy ENV Project, a Pilot Study of Physical Activity with Multiparametric Monitoring. International Journal of Environmental Research and Public Health, 2021, 18, 2432.	1.2	3
22	Determination of peppermint compounds in breath by needle trap micro-extraction coupled with gas chromatography-tandem mass spectrometry. Journal of Breath Research, 2021, 15, 016014.	1.5	2
23	Copper-Free Click Chemistry Assisted Antibodies Immobilization for Immunosensing Of IL-10 Cytokine. , 2021, , .		0