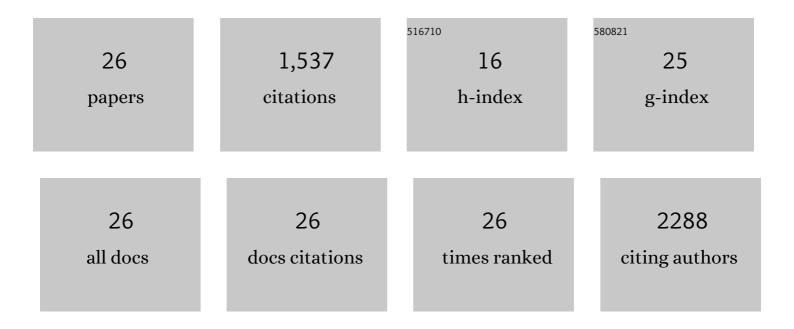
Rebeca Magnolia Torrente

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	SARS-CoV-2 RapidPlex: A Graphene-Based Multiplexed Telemedicine Platform for Rapid and Low-Cost COVID-19 Diagnosis and Monitoring. Matter, 2020, 3, 1981-1998.	10.0	347
2	Investigation of Cortisol Dynamics in Human Sweat Using a Graphene-Based Wireless mHealth System. Matter, 2020, 2, 921-937.	10.0	269
3	The Era of Digital Health: A Review of Portable and Wearable Affinity Biosensors. Advanced Functional Materials, 2020, 30, 1906713.	14.9	178
4	Magnetobiosensors Based on Viral Protein p19 for MicroRNA Determination in Cancer Cells and Tissues. Angewandte Chemie - International Edition, 2014, 53, 6168-6171.	13.8	113
5	Mimicking Peroxidase Activities with Prussian Blue Nanoparticles and Their Cyanometalate Structural Analogues. Nano Letters, 2017, 17, 4958-4963.	9.1	106
6	Electrochemical affinity biosensors for fast detection of gene-specific methylations with no need for bisulfite and amplification treatments. Scientific Reports, 2018, 8, 6418.	3.3	62
7	A nanozyme tag enabled chemiluminescence imaging immunoassay for multiplexed cytokine monitoring. Chemical Communications, 2018, 54, 13813-13816.	4.1	62
8	Electrochemical magnetic beads-based immunosensing platform for the determination of α-lactalbumin in milk. Food Chemistry, 2016, 213, 595-601.	8.2	50
9	Fast Electrochemical miRNAs Determination in Cancer Cells and Tumor Tissues with Antibody-Functionalized Magnetic Microcarriers. ACS Sensors, 2016, 1, 896-903.	7.8	47
10	Disposable Amperometric Polymerase Chain Reaction-Free Biosensor for Direct Detection of Adulteration with Horsemeat in Raw Lysates Targeting Mitochondrial DNA. Analytical Chemistry, 2017, 89, 9474-9482.	6.5	47
11	Comparison of Different Strategies for the Development of Highly Sensitive Electrochemical Nucleic Acid Biosensors Using Neither Nanomaterials nor Nucleic Acid Amplification. ACS Sensors, 2018, 3, 211-221.	7.8	41
12	Toward Liquid Biopsy: Determination of the Humoral Immune Response in Cancer Patients Using HaloTag Fusion Protein-Modified Electrochemical Bioplatforms. Analytical Chemistry, 2016, 88, 12339-12345.	6.5	39
13	Single-Step Incubation Determination of miRNAs in Cancer Cells Using an Amperometric Biosensor Based on Competitive Hybridization onto Magnetic Beads. Sensors, 2018, 18, 863.	3.8	32
14	Magnetic Beads-Based Sensor with Tailored Sensitivity for Rapid and Single-Step Amperometric Determination of miRNAs. International Journal of Molecular Sciences, 2017, 18, 2151.	4.1	30
15	Electrochemical sensor for rapid determination of fibroblast growth factor receptor 4 in raw cancer cell lysates. PLoS ONE, 2017, 12, e0175056.	2.5	22
16	Amperometric determination of hazelnut traces by means of Express PCR coupled to magnetic beads assembled on disposable DNA sensing scaffolds. Sensors and Actuators B: Chemical, 2017, 245, 895-902.	7.8	19
17	Magnetic microbeads-based amperometric immunoplatform for the rapid and sensitive detection of N6-methyladenosine to assist in metastatic cancer cells discrimination. Biosensors and Bioelectronics, 2021, 171, 112708.	10.1	14
18	Towards Control and Oversight of SARSâ€CoVâ€2 Diagnosis and Monitoring through Multiplexed Quantitative Electroanalytical Immune Response Biosensors. Angewandte Chemie - International Edition, 2022, 61, .	13.8	12

#	Article	IF	CITATIONS
19	Electrochemical Immunosensing of ST2: A Checkpoint Target in Cancer Diseases. Biosensors, 2021, 11, 202.	4.7	11
20	Rapid endoglin determination in serum samples using an amperometric magneto-actuated disposable immunosensing platform. Journal of Pharmaceutical and Biomedical Analysis, 2016, 129, 288-293.	2.8	10
21	Multiplexed magnetic beads-assisted amperometric bioplatforms for global detection of methylations in nucleic acids. Analytica Chimica Acta, 2021, 1182, 338946.	5.4	10
22	Amperometric magnetoimmunoassay for the determination of lipoprotein(a). Mikrochimica Acta, 2015, 182, 1457-1464.	5.0	6
23	Electrochemical immunosensing of Growth arrestâ€specific 6 in human plasma and tumor cell secretomes. Electrochemical Science Advances, 2022, 2, e2100096.	2.8	4
24	Labelâ€Free Amperometric Magnetoimmunosensors for Direct Determination of Lactoperoxidase in Milk. Electroanalysis, 2013, 25, 967-974.	2.9	2
25	11PS04 is a new chemical entity identified by microRNA-based biosensing with promising therapeutic potential against cancer stem cells. Scientific Reports, 2019, 9, 11916.	3.3	2
26	Towards Control and Oversight of SARS oVâ€2 Diagnosis and Monitoring through Multiplexed Quantitative Electroanalytical Immune Response Biosensors Angewandte Chemie, 0, , .	2.0	2