Alejandro GarcÃ-a-Miranda Ferrari

List of Publications by Year
in descending order

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25	939	516215 16	580395 25
papers	citations	h-index	g-index

28	28	28	941
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of the Electrochemical Area of Screen-Printed Electrochemical Sensing Platforms. Biosensors, 2018, 8, 53.	2.3	252
2	Screen-printed electrodes: Transitioning the laboratory in-to-the field. Talanta Open, 2021, 3, 100032.	1.7	130
3	Recent advances in portable heavy metal electrochemical sensing platforms. Environmental Science: Water Research and Technology, 2020, 6, 2676-2690.	1.2	99
4	Nextâ€Generation Additive Manufacturing: Tailorable Graphene/Polylactic(acid) Filaments Allow the Fabrication of 3D Printable Porous Anodes for Utilisation within Lithiumâ€Ion Batteries. Batteries and Supercaps, 2019, 2, 448-453.	2.4	52
5	Recent advances in 2D hexagonal boron nitride (2D-hBN) applied as the basis of electrochemical sensing platforms. Analytical and Bioanalytical Chemistry, 2021, 413, 663-672.	1.9	41
6	Investigating the Integrity of Graphene towards the Electrochemical Hydrogen Evolution Reaction (HER). Scientific Reports, 2019, 9, 15961.	1.6	36
7	Niâ˜Fe (Oxy)hydroxide Modified Graphene Additive Manufactured (3Dâ€Printed) Electrochemical Platforms as an Efficient Electrocatalyst for the Oxygen Evolution Reaction. ChemElectroChem, 2019, 6, 5633-5641.	1.7	32
8	Toward the Rapid Diagnosis of Sepsis: Detecting Interleukin-6 in Blood Plasma Using Functionalized Screen-Printed Electrodes with a Thermal Detection Methodology. Analytical Chemistry, 2021, 93, 5931-5938.	3.2	31
9	Forensic Electrochemistry: The Electroanalytical Sensing of Mephedrone Metabolites. ACS Omega, 2019, 4, 1947-1954.	1.6	30
10	Electrochemical Improvements Can Be Realized via Shortening the Length of Screen-Printed Electrochemical Platforms. Analytical Chemistry, 2021, 93, 16481-16488.	3.2	29
11	MoO₂ Nanowire Electrochemically Decorated Graphene Additively Manufactured Supercapacitor Platforms. Advanced Energy Materials, 2021, 11, 2100433.	10.2	25
12	Electroanalytical Overview: Electrochemical Sensing Platforms for Food and Drink Safety. Biosensors, 2021, 11, 291.	2.3	24
13	Platinum nanoparticle decorated vertically aligned graphene screen-printed electrodes: electrochemical characterisation and exploration towards the hydrogen evolution reaction. Nanoscale, 2020, 12, 18214-18224.	2.8	23
14	All-in-One Single-Print Additively Manufactured Electroanalytical Sensing Platforms. ACS Measurement Science Au, 2022, 2, 167-176.	1.9	22
15	Batch injection electroanalysis with stainless-steel pins as electrodes in single and multiplexed configurations. Sensors and Actuators B: Chemical, 2017, 253, 1207-1213.	4.0	21
16	Electroanalytical overview: screen-printed electrochemical sensing platforms for the detection of vital cardiac, cancer and inflammatory biomarkers. Sensors & Diagnostics, 2022, 1, 405-428.	1.9	20
17	Investigating the Integrity of Graphene towards the Electrochemical Oxygen Evolution Reaction. ChemElectroChem, 2019, 6, 5446-5453.	1.7	11
18	Exploring the reactivity of distinct electron transfer sites at CVD grown monolayer graphene through the selective electrodeposition of MoO2 nanowires. Scientific Reports, 2019, 9, 12814.	1.6	11

#	Article	IF	Citations
19	Tailoring the electrochemical properties of 2D-hBN via physical linear defects: physicochemical, computational and electrochemical characterisation. Nanoscale Advances, 2020, 2, 264-273.	2.2	11
20	Screen-printed electrochemical-based sensor for taxifolin determination in edible peanut oils. Microchemical Journal, 2020, 159, 105442.	2.3	11
21	Electrochemical properties of vertically aligned graphenes: tailoring heterogeneous electron transfer through manipulation of the carbon microstructure. Nanoscale Advances, 2020, 2, 5319-5328.	2.2	10
22	The influence of lateral flake size in graphene/graphite paste electrodes: an electroanalytical investigation. Analytical Methods, 2020, 12, 2133-2142.	1.3	10
23	Imaging the reactivity and width of graphene's boundary region. Chemical Communications, 2020, 56, 9612-9615.	2.2	4
24	2D-Hexagonal Boron Nitride Screen-Printed Bulk-Modified Electrochemical Platforms Explored towards Oxygen Reduction Reactions. Sensors, 2022, 22, 3330.	2.1	1
25	Sensing Materials: Carbon Materials. , 2021, , .		0