

Alejandro GarcÃ-a-Miranda Ferrari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8041441/publications.pdf>

Version: 2024-02-01

25
papers

939
citations

516215

16
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	Electroanalytical overview: screen-printed electrochemical sensing platforms for the detection of vital cardiac, cancer and inflammatory biomarkers. <i>Sensors & Diagnostics</i> , 2022, 1, 405-428.	1.9	20
2	All-in-One Single-Print Additively Manufactured Electroanalytical Sensing Platforms. <i>ACS Measurement Science Au</i> , 2022, 2, 167-176.	1.9	22
3	2D-Hexagonal Boron Nitride Screen-Printed Bulk-Modified Electrochemical Platforms Explored towards Oxygen Reduction Reactions. <i>Sensors</i> , 2022, 22, 3330.	2.1	1
4	Recent advances in 2D hexagonal boron nitride (2D-hBN) applied as the basis of electrochemical sensing platforms. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 663-672.	1.9	41
5	Toward the Rapid Diagnosis of Sepsis: Detecting Interleukin-6 in Blood Plasma Using Functionalized Screen-Printed Electrodes with a Thermal Detection Methodology. <i>Analytical Chemistry</i> , 2021, 93, 5931-5938.	3.2	31
6	MoO ₂ Nanowire Electrochemically Decorated Graphene Additively Manufactured Supercapacitor Platforms. <i>Advanced Energy Materials</i> , 2021, 11, 2100433.	10.2	25
7	Electroanalytical Overview: Electrochemical Sensing Platforms for Food and Drink Safety. <i>Biosensors</i> , 2021, 11, 291.	2.3	24
8	Screen-printed electrodes: Transitioning the laboratory in-to-the field. <i>Talanta Open</i> , 2021, 3, 100032.	1.7	130
9	Sensing Materials: Carbon Materials. , 2021, , .		0
10	Electrochemical Improvements Can Be Realized via Shortening the Length of Screen-Printed Electrochemical Platforms. <i>Analytical Chemistry</i> , 2021, 93, 16481-16488.	3.2	29
11	Tailoring the electrochemical properties of 2D-hBN <i>via</i> physical linear defects: physicochemical, computational and electrochemical characterisation. <i>Nanoscale Advances</i> , 2020, 2, 264-273.	2.2	11
12	Screen-printed electrochemical-based sensor for taxifolin determination in edible peanut oils. <i>Microchemical Journal</i> , 2020, 159, 105442.	2.3	11
13	Electrochemical properties of vertically aligned graphenes: tailoring heterogeneous electron transfer through manipulation of the carbon microstructure. <i>Nanoscale Advances</i> , 2020, 2, 5319-5328.	2.2	10
14	Recent advances in portable heavy metal electrochemical sensing platforms. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2676-2690.	1.2	99
15	Imaging the reactivity and width of graphene's boundary region. <i>Chemical Communications</i> , 2020, 56, 9612-9615.	2.2	4
16	Platinum nanoparticle decorated vertically aligned graphene screen-printed electrodes: electrochemical characterisation and exploration towards the hydrogen evolution reaction. <i>Nanoscale</i> , 2020, 12, 18214-18224.	2.8	23
17	The influence of lateral flake size in graphene/graphite paste electrodes: an electroanalytical investigation. <i>Analytical Methods</i> , 2020, 12, 2133-2142.	1.3	10
18	Investigating the Integrity of Graphene towards the Electrochemical Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2019, 6, 5446-5453.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Investigating the Integrity of Graphene towards the Electrochemical Hydrogen Evolution Reaction (HER). Scientific Reports, 2019, 9, 15961.	1.6	36
20	Exploring the reactivity of distinct electron transfer sites at CVD grown monolayer graphene through the selective electrodeposition of MoO ₂ nanowires. Scientific Reports, 2019, 9, 12814.	1.6	11
21	Forensic Electrochemistry: The Electroanalytical Sensing of Mephedrone Metabolites. ACS Omega, 2019, 4, 1947-1954.	1.6	30
22	Next-Generation Additive Manufacturing: Tailorable Graphene/Poly(lactic acid) Filaments Allow the Fabrication of 3D Printable Porous Anodes for Utilisation within Lithium-Ion Batteries. Batteries and Supercaps, 2019, 2, 448-453.	2.4	52
23	Ni ²⁺ /Fe (Oxy)hydroxide Modified Graphene Additive Manufactured (3D-Printed) Electrochemical Platforms as an Efficient Electrocatalyst for the Oxygen Evolution Reaction. ChemElectroChem, 2019, 6, 5633-5641.	1.7	32
24	Determination of the Electrochemical Area of Screen-Printed Electrochemical Sensing Platforms. Biosensors, 2018, 8, 53.	2.3	252
25	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