

# Ivana Cesarino

## List of Publications by Year in descending order

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71  
papers

1,742  
citations

236612

25  
h-index

301761

39  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Competitive Host-Guest Electrochemical Detection of Ivermectin Drug Using a $\beta$ -Cyclodextrin/Graphene-based Electrode. <i>Electroanalysis</i> , 2023, 35, .	1.5	3
2	Copper nanoparticles and reduced graphene oxide modified a glassy carbon electrode for the determination of glyphosate in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 293-305.	1.8	30
3	Electrochemical sensor based on Sb nanoparticles/reduced graphene oxide for heavy metal determination. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3109-3123.	1.8	17
4	Fabrication of paper-based analytical devices using a PLA 3D-printed stencil for electrochemical determination of chloroquine and escitalopram. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 581-586.	1.2	11
5	Eucalyptus Bark Residue Application for Poly(Vinyl Chloride) Composite Production: Influence of Fiber Size and Content. <i>Current Applied Polymer Science</i> , 2022, 5, 125-138.	0.2	1
6	Copper nanostructures anchored on renewable carbon as electrochemical platform for the detection of dopamine, fluoxetine and escitalopram. <i>Sensors and Actuators Reports</i> , 2022, 4, 100107.	2.3	6
7	Acetylcholinesterase Biosensor Based on Functionalized Renewable Carbon Platform for Detection of Carbaryl in Food. <i>Biosensors</i> , 2022, 12, 486.	2.3	5
8	A New Approach for Conversion of Eucalyptus Lignocellulosic Biomass into Cellulose Nanostructures: A Method that Can Be Applied in Industry. <i>Journal of Natural Fibers</i> , 2021, 18, 1501-1511.	1.7	19
9	A functionalized renewable carbon-based surface for sensor development. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1093-1099.	1.2	6
10	Toxicity of cigarette butts and possible recycling solutions—a literature review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 10450-10473.	2.7	13
11	Eucalyptus Bark as Source of Bio-oil or Phenolic Compounds. <i>Current Applied Polymer Science</i> , 2021, 4, 128-133.	0.2	0
12	Shrinkage Stress and Temperature Variation in Resin Composites Cured via Different Photoactivation Methods: Insights for Standardisation of the Photopolymerisation. <i>Polymers</i> , 2021, 13, 2065.	2.0	5
13	Impacts of COVID-19 pandemic on the wastewater pathway into surface water: A review. <i>Science of the Total Environment</i> , 2021, 774, 145586.	3.9	54
14	A Novel Method for the Detection of SARS-CoV-2 Based on Graphene-Impedimetric Immunosensor. <i>Materials</i> , 2021, 14, 4230.	1.3	28
15	Second-generation ethanol from pineapple leaf fibers. <i>Journal of Natural Fibers</i> , 2020, 17, 113-121.	1.7	5
16	Evaluation of <i>Phormium Cookianum</i> Fibers as Reinforcements for Polypropylene-based Composites. <i>Journal of Natural Fibers</i> , 2020, 17, 1039-1047.	1.7	2
17	Evaluation of a biosensor based on reduced graphene oxide and glucose oxidase enzyme on the monitoring of second-generation ethanol production. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2011-2018.	1.2	5
18	Determination of isotretinoin (13-cis-retinoic acid) using a sensor based on reduced graphene oxide modified with copper nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113692.	1.9	8

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19	Evaluation of a Reduced Graphene Oxide-Sb Nanoparticles Electrochemical Sensor for the Detection of Cadmium and Lead in Chamomile Tea. <i>Chemosensors</i> , 2020, 8, 53.	1.8	19
20	Reduced Graphene Oxide-Based Impedimetric Immunosensor for Detection of Enterotoxin A in Milk Samples. <i>Materials</i> , 2020, 13, 1751.	1.3	15
21	Evaluation of a Nanocomposite Based on Reduced Graphene Oxide and Gold Nanoparticles as an Electrochemical Platform for Detection of Sulfamethazine. <i>Journal of Composites Science</i> , 2019, 3, 59.	1.4	11
22	Deterioration of Wood Plastics Composites by the White-Rot Fungus <i>Pycnoporus sanguineus</i> . <i>Journal of Composites Science</i> , 2019, 3, 24.	1.4	8
23	Second generation ethanol made from coir husk under the biomass Cascade approach. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 693, 107-114.	0.4	3
24	Development of high biocontent polypropylene composites with different industrial lignins. <i>Polymers for Advanced Technologies</i> , 2019, 30, 70-78.	1.6	22
25	Water hyacinth second-generation ethanol production: a mitigation alternative for an environmental problem. <i>Journal of Natural Fibers</i> , 2019, 16, 1201-1208.	1.7	7
26	Graphene Functionalization and Nanopolymers. <i>Carbon Nanostructures</i> , 2019, , 157-178.	0.1	3
27	Reduced graphene oxide modified with silver nanoparticles for the electrochemical detection of estriol. <i>Journal of Electroanalytical Chemistry</i> , 2018, 809, 67-73.	1.9	49
28	Evaluation of graphene oxide and reduced graphene oxide in the immobilization of laccase enzyme and its application in the determination of dopamine. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 141-148.	1.2	29
29	Determination of carbamate pesticide in food using a biosensor based on reduced graphene oxide and acetylcholinesterase enzyme. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 555-561.	4.0	88
30	Evaluation of Reduced Graphene Oxide Modified with Antimony and Copper Nanoparticles for Levofloxacin Oxidation. <i>Electroanalysis</i> , 2018, 30, 2066-2076.	1.5	30
31	Minimization of polymerization shrinkage effects on composite resins by the control of irradiance during the photoactivation process. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170528.	0.7	11
32	Synthesis of Silver Nanoparticle-Graphene Composites for Electroanalysis Applications using Chemical and Electrochemical Methods. <i>Electroanalysis</i> , 2017, 29, 1014-1021.	1.5	31
33	Production of second-generation ethanol from saccharine sorghum bagasse. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 655, 236-242.	0.4	2
34	Recent approaches and future trends for lignin-based materials. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 655, 204-223.	0.4	17
35	Innovation Under the Bioeconomy Context in Brazil. <i>Economic Complexity and Evolution</i> , 2017, , 97-116.	0.1	1
36	Electrochemical oxidation of sulfamethazine on a glassy carbon electrode modified with graphene and gold nanoparticles. <i>Electrochimica Acta</i> , 2016, 192, 8-14.	2.6	41

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37	A synergistic combination of reduced graphene oxide and antimony nanoparticles for estriol hormone detection. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 453-459.	4.0	51
38	An additional tool towards overcoming absence of specificity of carbon nanostructure-based electrochemical sensorsâ€™ application to estriol and estradiol detection and distinction. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3045-3050.	1.2	12
39	High-Area Ti/Pt Electrodes for the Electrochemically Catalyzed Transesterification of Soybean Oil with Methanol. <i>Chemical Engineering Communications</i> , 2015, 202, 1406-1413.	1.5	3
40	Carbon Nanotubes Modified with SnO <sub>2</sub> Rods for Levofloxacin Detection. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	8
41	Pectin-based Polymer Electrolytes with Ir(III) Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 604, 117-125.	0.4	16
42	Thermo-sensitive chitosanâ€™cellulose derivative hydrogels: swelling behaviour and morphologic studies. <i>Cellulose</i> , 2014, 21, 4531-4544.	2.4	34
43	Properties of Electrodeposited WO <sub>3</sub> Thin Films. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 604, 71-83.	0.4	22
44	Determination of serotonin on platinum electrode modified with carbon nanotubes/polypyrrole/silver nanoparticles nanohybrid. <i>Materials Science and Engineering C</i> , 2014, 40, 49-54.	3.8	63
45	Influence of the annealing temperature and metal salt precursor on the structural characteristics and anti-corrosion barrier effect of CeO <sub>2</sub> solâ€™gel protective coatings of carbon steel. <i>Ceramics International</i> , 2014, 40, 13437-13446.	2.3	22
46	Toward pH-controllable bioelectrocatalysis for hydrogen peroxide based on polymer brushes. <i>Electrochemistry Communications</i> , 2013, 29, 41-44.	2.3	18
47	Antibiotic Detection in Urine Using Electrochemical Sensors Based on Vertically Aligned Carbon Nanotubes. <i>Electroanalysis</i> , 2013, 25, 2092-2099.	1.5	34
48	Electrochemical degradation of benzene in natural water using silver nanoparticle-decorated carbon nanotubes. <i>Materials Chemistry and Physics</i> , 2013, 141, 304-309.	2.0	17
49	Carbon nanotubes modified with antimony nanoparticles in a paraffin composite electrode: Simultaneous determination of sulfamethoxazole and trimethoprim. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1293-1299.	4.0	66
50	Effect of the surface organization with carbon nanotubes on the electrochemical detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 14-18.	4.0	33
51	Electro-optical properties of the DNA-Eu <sup>3+</sup> bio-membranes. <i>Journal of Electroanalytical Chemistry</i> , 2013, 708, 116-123.	1.9	15
52	Biosensor Based on Electrocodeposition of Carbon Nanotubes/Polypyrrole/Laccase for Neurotransmitter Detection. <i>Electroanalysis</i> , 2013, 25, 394-400.	1.5	31
53	Electrochemical detection of carbamate pesticides in fruit and vegetables with a biosensor based on acetylcholinesterase immobilised on a composite of polyanilineâ€™carbon nanotubes. <i>Food Chemistry</i> , 2012, 135, 873-879.	4.2	207
54	Carbon nanotubes modified with antimony nanoparticles: A novel material for electrochemical sensing. <i>Electrochimica Acta</i> , 2012, 85, 560-565.	2.6	35

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55	Class/PDMS hybrid microfluidic device integrating vertically aligned SWCNTs to ultrasensitive electrochemical determinations. Lab on A Chip, 2012, 12, 1959.	3.1	27
56	Highly Sensitive Neurotransmitters Analysis at Platinumâ€Ultramicroelectrodes Arrays. Electroanalysis, 2012, 24, 1115-1120.	1.5	2
57	Real-time electrochemical determination of phenolic compounds after benzene oxidation. Journal of Electroanalytical Chemistry, 2012, 672, 34-39.	1.9	23
58	Enzymatic Solid-Phase Reactor Based on Silica Organofunctionalized with p-Phenylenediamine for Electrochemical Detection of Phenolic Compounds. Sensor Letters, 2012, 10, 1031-1038.	0.4	2
59	A New Indirect Electrochemical Method for Determination of Ozone in Water Using Multiwalled Carbon Nanotubes. Electroanalysis, 2011, 23, 1512-1517.	1.5	17
60	A Biosensor Based on Polyanilineâ€Carbon Nanotube Coreâ€Shell for Electrochemical Detection of Pesticides. Electroanalysis, 2011, 23, 2586-2593.	1.5	37
61	Characterization of graphiteâ€polyurethane composite electrodes modified with organofunctionalized SBA-15 nanostructured silica in the presence of heavy metal ions. Application to anodic stripping voltammetry. Mikrochimica Acta, 2010, 171, 1-9.	2.5	15
62	Simultaneous Determination of Cadmium, Lead, Copper and Mercury Ions Using Organofunctionalized SBAâ€15 Nanostructured Silica Modified Graphiteâ€Polyurethane Composite Electrode. Electroanalysis, 2010, 22, 61-68.	1.5	72
63	Characterization and Application of Bismuthâ€Film Modified Graphiteâ€Polyurethane Composite Electrodes. Electroanalysis, 2010, 22, 1437-1445.	1.5	40
64	A novel graphiteâ€polyurethane composite electrode modified with thiol-organofunctionalized silica for the determination of copper ions in ethanol fuel. Fuel, 2010, 89, 1883-1888.	3.4	27
65	Thiolâ€Functionalized Silica Thin Film Modified Electrode in Determination of Mercury Ions in Natural Water. Electroanalysis, 2008, 20, 2301-2309.	1.5	26
66	Evaluation of a carbon paste electrode modified with organofunctionalised SBA-15 nanostructured silica in the simultaneous determination of divalent lead, copper and mercury ions. Talanta, 2008, 75, 15-21.	2.9	130
67	Characterization of thiol-functionalised silica films deposited on electrode surfaces. Materials Research, 2008, 11, 465-469.	0.6	3
68	Using the organofunctionalised SBA-15 nanostructured silica as a carbon paste electrode modifier: determination of cadmium ions by differential anodic pulse stripping voltammetry. Journal of the Brazilian Chemical Society, 2007, 18, 810-817.	0.6	23
69	Functionalisation and Characterization of SBA-15 Nanostructured Silica Modified with 2-Benzothiazolethiol. Materials Science Forum, 0, 587-588, 458-462.	0.3	4
70	Preparation and Characterization of Amorphous Silica Organofunctionalised with 2-Mercaptobenzimidazole. Materials Science Forum, 0, 636-637, 793-797.	0.3	1
71	Principal Component Analysis as a Tool for Electrochemical Characterization of Modified Electrodes: A Case Study. Journal of the Electrochemical Society, 0, , .	1.3	1