

Fernanda L Migliorini

List of Publications by Year in descending order

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37
papers

1,199
citations

430874

18
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

1529
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospinning-based (bio)sensors for food and agricultural applications: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 91, 91-103.	11.4	204
2	Detection of hydrogen peroxide (H ₂ O ₂) using a colorimetric sensor based on cellulose nanowhiskers and silver nanoparticles. <i>Carbohydrate Polymers</i> , 2019, 212, 235-241.	10.2	112
3	One-pot preparation of PEDOT:PSS-reduced graphene decorated with Au nanoparticles for enzymatic electrochemical sensing of H ₂ O ₂ . <i>Applied Surface Science</i> , 2017, 407, 162-170.	6.1	79
4	Anodic oxidation of wastewater containing the Reactive Orange 16 Dye using heavily boron-doped diamond electrodes. <i>Journal of Hazardous Materials</i> , 2011, 192, 1683-1689.	12.4	74
5	Conductive electrospun nanofibers containing cellulose nanowhiskers and reduced graphene oxide for the electrochemical detection of mercury(II). <i>Carbohydrate Polymers</i> , 2019, 207, 747-754.	10.2	73
6	A Review on the Role and Performance of Cellulose Nanomaterials in Sensors. <i>ACS Sensors</i> , 2021, 6, 2473-2496.	7.8	69
7	Urea impedimetric biosensing using electrospun nanofibers modified with zinc oxide nanoparticles. <i>Applied Surface Science</i> , 2018, 443, 18-23.	6.1	68
8	A comparative study of the electrochemical oxidation of the herbicide tebuthiuron using boron-doped diamond electrodes. <i>Chemosphere</i> , 2012, 88, 155-160.	8.2	51
9	Solution blow spun PMMA nanofibers wrapped with reduced graphene oxide as an efficient dye adsorbent. <i>New Journal of Chemistry</i> , 2017, 41, 9087-9094.	2.8	50
10	Electrochemical removal of Reactive Black 5 azo dye using non-commercial boron-doped diamond film anodes. <i>Electrochimica Acta</i> , 2015, 178, 484-493.	5.2	43
11	Electrochemical sensor based on polyamide 6/polypyrrole electrospun nanofibers coated with reduced graphene oxide for malathion pesticide detection. <i>Materials Research Express</i> , 2020, 7, 015601.	1.6	40
12	Electrochemical oxidation of RB-19 dye using a highly BDD/Ti: Proposed pathway and toxicity. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3900-3909.	6.7	35
13	Nanofibers interfaces for biosensing: Design and applications. <i>Sensors and Actuators Reports</i> , 2021, 3, 100048.	4.4	35
14	Efficiency study and mechanistic aspects in the Brilliant Green dye degradation using BDD/Ti electrodes. <i>Diamond and Related Materials</i> , 2016, 65, 5-12.	3.9	31
15	Design of A Low-Cost and Disposable Paper-Based Immunosensor for the Rapid and Sensitive Detection of Aflatoxin B1. <i>Chemosensors</i> , 2020, 8, 87.	3.6	31
16	Electrochemical degradation of the insecticide methyl parathion using a boron-doped diamond film anode. <i>Journal of Electroanalytical Chemistry</i> , 2013, 702, 1-7.	3.8	27
17	Electrochemical oxidation of imazapyr with BDD electrode in titanium substrate. <i>Chemosphere</i> , 2014, 117, 596-603.	8.2	27
18	Voltammetric cadmium(II) sensor based on a fluorine doped tin oxide electrode modified with polyamide 6/chitosan electrospun nanofibers and gold nanoparticles. <i>Mikrochimica Acta</i> , 2017, 184, 1077-1084.	5.0	25

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19	Degradation of profenofos in an electrochemical flow reactor using boron-doped diamond anodes. <i>Diamond and Related Materials</i> , 2013, 32, 54-60.	3.9	18
20	Advances in 3D printed sensors for food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 154, 116672.	11.4	15
21	Degradation of dipyrone in an electrochemical flow-by reactor using anodes of boron-doped diamond (BDD) supported on titanium. <i>Journal of Electroanalytical Chemistry</i> , 2013, 690, 89-95.	3.8	14
22	Doped diamond electrodes on titanium substrates with controlled sp ² /sp ³ hybridization at different boron levels. <i>Thin Solid Films</i> , 2014, 564, 97-103.	1.8	14
23	Tuning the Electrical Properties of Electrospun Nanofibers with Hybrid Nanomaterials for Detecting Isoborneol in Water Using an Electronic Tongue. <i>Surfaces</i> , 2019, 2, 432-443.	2.3	10
24	Electrospun nanofibers versus drop casting films for designing an electronic tongue: comparison of performance for monitoring geosmin and 2-ethylisoborneol in water samples. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2075-2082.	3.2	8
25	Influence of Supporting Electrolytes on RO 16 Dye Electrochemical Oxidation Using Boron Doped Diamond Electrodes. <i>Materials Research</i> , 2017, 20, 584-591.	1.3	6
26	GREEN-SYNTHESIZED GOLD NANOPARTICLES SUPPORTED ON CELLULOSE NANOWHISKERS FOR EASY-TO-INTERPRET COLORIMETRIC DETECTION OF CADMIUM (II). <i>Cellulose Chemistry and Technology</i> , 2020, 54, 407-413.	1.2	6
27	Nanostructured scaffolds containing graphene oxide for nanomedicine applications. <i>Polymers for Advanced Technologies</i> , 2022, 33, 591-600.	3.2	6
28	Electrochemical and Morphology Study of the BDD/Ti Electrodes with Different Doping Levels. <i>ECS Transactions</i> , 2012, 43, 191-197.	0.5	5
29	Titanium Oxide Electrodeposition on Diamond/Ti Electrodes with Different Boron Dopings. <i>ECS Transactions</i> , 2014, 58, 47-52.	0.5	4
30	Electrochemical Immunosensor Made with Zein-based Nanofibers for On-site Detection of Aflatoxin B1. <i>Electroanalysis</i> , 2023, 35, .	2.9	4
31	Electrooxidation of the Reactive Orange 16 Dye Using Boron Doped Diamond and DSA Type Electrodes. <i>ECS Transactions</i> , 2012, 43, 89-96.	0.5	3
32	A comparative study of copper electrodeposition and photoelectrodeposition on boron doped diamond. <i>Diamond and Related Materials</i> , 2013, 38, 104-108.	3.9	3
33	Sensing Materials: Nanofibers Produced by Electrospinning and Solution Blow Spinning. , 2023, , 521-541.		2
34	ELECTROCHEMICAL OXIDATION OF REACTIVE BLACK 5 AND BLUE 19 DYES USING A NON COMMERCIAL BORON-DOPED DIAMOND ELECTRODE. <i>Quimica Nova</i> , 2016, , .	0.3	2
35	Influence of the sp ² Content on Boron Doped Diamond Electrodes Applied in the Textile Dye Electrooxidation. <i>ECS Transactions</i> , 2014, 58, 27-33.	0.5	1
36	Ecotoxicity Measurements of Degraded Textile Dye by Electrochemical Process Using Boron-Doped Diamond Electrodes. <i>ECS Transactions</i> , 2015, 64, 25-31.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Novel Chemical Based on Green Composite Materials for. Environmental Chemistry for A Sustainable World, 2021, , 109-138.	0.5	0