

Murilo Henrique Moreira Facure

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7591916/murilo-henrique-moreira-facure-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

516
citations

12
h-index

22
g-index

34
ext. papers

748
ext. citations

5.9
avg, IF

4.46
L-index

#	Paper	IF	Citations
31	Electronic nose based on hybrid free-standing nanofibrous mats for meat spoilage monitoring. <i>Sensors and Actuators B: Chemical</i> , 2022 , 353, 131114	8.5	7
30	Rational hydrothermal synthesis of graphene quantum dots with optimized luminescent properties for sensing applications. <i>Materials Today Chemistry</i> , 2022 , 23, 100755	6.2	2
29	Current progress in plant pathogen detection enabled by nanomaterials-based (bio)sensors. <i>Sensors and Actuators Reports</i> , 2022 , 4, 100068	4.7	1
28	Advances in 3D printed sensors for food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 116672	14.6	1
27	Electrical Impedance-Based Electronic Tongues: Principles, Sensing Materials, Fabrication Techniques and Applications 2021 ,		1
26	Dye Adsorption Capacity of MoS ₂ Nanoflakes Immobilized on Poly(lactic acid) Fibrous Membranes. <i>ACS Applied Nano Materials</i> , 2021 , 4, 4881-4894	5.6	4
25	Tailoring the Surface Properties of Micro/Nanofibers Using 0D, 1D, 2D, and 3D Nanostructures: A Review on Post-Modification Methods. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100430	4.6	12
24	Two-dimensional MoS ₂ -based impedimetric electronic tongue for the discrimination of endocrine disrupting chemicals using machine learning. <i>Sensors and Actuators B: Chemical</i> , 2021 , 336, 129696	8.5	4
23	A Review on the Role and Performance of Cellulose Nanomaterials in Sensors. <i>ACS Sensors</i> , 2021 , 6, 2473-2496	18	18
22	A Principal Curves-Based Method for Electronic Tongue Data Analysis. <i>IEEE Sensors Journal</i> , 2021 , 21, 4957-4965	4	1
21	Development of an Electronic Tongue Based on a Nanocomposite for Discriminating Flavor Enhancers and Commercial Salts. <i>IEEE Sensors Journal</i> , 2021 , 21, 1250-1256	4	7
20	Electrospun composite nanofibers as sensors for food analysis 2021 , 261-286		3
19	Chemical Sensors Based on Nanofibers Produced by Electrospinning and Solution Blow Spinning 2021 ,		0
18	Nanocomposite-Based Chemiresistive Electronic Nose and Application in Coffee Analysis. <i>ACS Food Science & Technology</i> , 2021 , 1, 1464-1471		1
17	Graphene Quantum Dots-Based Nanocomposites Applied in Electrochemical Sensors: A Recent Survey. <i>Electrochem</i> , 2021 , 2, 490-519	2.9	3
16	Design of a bioelectronic tongue for glucose monitoring using zinc oxide nanofibers and graphene derivatives. <i>Sensors and Actuators Reports</i> , 2021 , 3, 100050	4.7	3
15	Nanochitin-based composite films as a disposable ethanol sensor. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104163	6.8	4

14	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	1.7	24
13	Laser patterning and induced reduction of graphene oxide functionalized silk fibroin. <i>Optical Materials</i> , 2020 , 99, 109540	3.3	4
12	A review on graphene quantum dots and their nanocomposites: from laboratory synthesis towards agricultural and environmental applications. <i>Environmental Science: Nano</i> , 2020 , 7, 3710-3734	7.1	41
11	Impedimetric electronic tongue based on molybdenum disulfide and graphene oxide for monitoring antibiotics in liquid media. <i>Talanta</i> , 2020 , 217, 121039	6.2	16
10	Composite Nanofibers for Removing Water Pollutants: Fabrication Techniques 2019 , 441-468		1
9	Enhanced and selective ammonia detection using In ₂ O ₃ /reduced graphene oxide hybrid nanofibers. <i>Applied Surface Science</i> , 2019 , 473, 133-140	6.7	34
8	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	10.3	47
7	Ultrasensitive biosensor based on polyvinylpyrrolidone/chitosan/reduced graphene oxide electrospun nanofibers for 17 β -Ethinylestradiol electrochemical detection. <i>Applied Surface Science</i> , 2018 , 458, 431-437	6.7	41
6	Composite Nanofibers for Removing Water Pollutants: Fabrication Techniques 2018 , 1-29		
5	Femtosecond laser micromachining of polylactic acid/graphene composites for designing interdigitated microelectrodes for sensor applications. <i>Optics and Laser Technology</i> , 2018 , 101, 74-79	4.2	18
4	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	6.7	56
3	Detection of trace levels of organophosphate pesticides using an electronic tongue based on graphene hybrid nanocomposites. <i>Talanta</i> , 2017 , 167, 59-66	6.2	109
2	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	3.6	39
1	Recent trends in nanozymes design: from materials and structures to environmental applications. <i>Materials Chemistry Frontiers</i> ,	7.8	9