

Eden Morales-Narvaez

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3131295/eden-morales-narvaez-publications-by-year.pdf>

Version: 2024-04-28

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.

49
papers

2,591
citations

25
h-index

50
g-index

56
ext. papers

2,932
ext. citations

10.4
avg, IF

5.99
L-index

#	Paper	IF	Citations
49	Nanocellulose in Wearable Sensors 2022 , 100009		3
48	Toward smart diagnosis of pandemic infectious diseases using wastewater-based epidemiology.. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 116635	14.6	0
47	On-Site Detection of Carcinoembryonic Antigen in Human Serum. <i>Biosensors</i> , 2021 , 11,	5.9	3
46	Implementation of an inexpensive cathodoluminescence and electron beam induced current image generator coupled to a scanning electron microscope. <i>Journal of Instrumentation</i> , 2021 , 16, P04005	1	1
45	Facile Determination of COVID-19 Seroconversion via Nonradiative Energy Transfer. <i>ACS Sensors</i> , 2021 , 6, 2136-2140	9.2	2
44	Toward Smart Diagnostics in a Pandemic Scenario: COVID-19. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 637203	5.8	5
43	Graphene oxide biohybrid layer enhances sensitivity and anticorrosive properties in refractive index sensor. <i>JPhys Photonics</i> , 2021 , 3, 034009	2.5	1
42	Transforming nature into the next generation of bio-based flexible devices: New avenues using deep eutectic systems. <i>Matter</i> , 2021 , 4, 2141-2162	12.7	11
41	(Nano)tag-antibody conjugates in rapid tests. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5414-5438	7.3	3
40	Nanophotonic Sialidase Immunoassay for Bacterial Vaginosis Diagnosis. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 365-371	5.9	5
39	The impact of biosensing in a pandemic outbreak: COVID-19. <i>Biosensors and Bioelectronics</i> , 2020 , 163, 112274	11.8	160
38	Smartphone and Paper-Based Fluorescence Reader: A Do It Yourself Approach. <i>Biosensors</i> , 2020 , 10,	5.9	6
37	Microwell plates coated with graphene oxide enable advantageous real-time immunosensing platform. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112319	11.8	10
36	Real-Time Photoluminescent Biosensing Based on Graphene Oxide-Coated Microplates: A Rapid Pathogen Detection Platform. <i>Analytical Chemistry</i> , 2020 , 92, 11511-11515	7.8	10
35	Unambiguous refractive-index measurement in a wide dynamic-range using a hybrid fiber Fabry-Perot interferometer assisted by a fiber Bragg grating. <i>Optics and Laser Technology</i> , 2020 , 128, 106236	4.2	5
34	Paper-based analytical devices in environmental applications and their integration with portable technologies. <i>Current Opinion in Environmental Science and Health</i> , 2019 , 10, 1-8	8.1	10
33	Validity of a single antibody-based lateral flow immunoassay depending on graphene oxide for highly sensitive determination of E. coli O157:H7 in minced beef and river water. <i>Food Chemistry</i> , 2019 , 297, 124965	8.5	35

32	Nanoplasmonics in Paper-Based Analytical Devices. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 69	5.8	20
31	Plasmonic colored nanopaper: a potential preventive healthcare tool against threats emerging from uncontrolled UV exposure. <i>JPhys Photonics</i> , 2019 , 1, 04LT01	2.5	6
30	Graphene Oxide as an Optical Biosensing Platform: A Progress Report. <i>Advanced Materials</i> , 2019 , 31, e1805043	24	47
29	Photoluminescent lateral flow based on non-radiative energy transfer for protein detection in human serum. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 208-213	11.8	27
28	Microorganism-decorated nanocellulose for efficient diuron removal. <i>Chemical Engineering Journal</i> , 2018 , 354, 1083-1091	14.7	23
27	Bioluminescent nanopaper for rapid screening of toxic substances. <i>Nano Research</i> , 2018 , 11, 114-125	10	10
26	Simple, Flexible, and Ultrastable Surface Enhanced Raman Scattering Substrate Based on Plasmonic Nanopaper Decorated with Graphene Oxide. <i>Advanced Optical Materials</i> , 2018 , 6, 1800548	8.1	22
25	Production of biofunctionalized MoS ₂ flakes with rationally modified lysozyme: a biocompatible 2D hybrid material. <i>2D Materials</i> , 2017 , 4, 035007	5.9	15
24	Nanocellulose in Sensing and Biosensing. <i>Chemistry of Materials</i> , 2017 , 29, 5426-5446	9.6	240
23	Graphene-encapsulated materials: Synthesis, applications and trends. <i>Progress in Materials Science</i> , 2017 , 86, 1-24	42.2	60
22	Nanomaterials connected to antibodies and molecularly imprinted polymers as bio/receptors for bio/sensor applications. <i>Applied Materials Today</i> , 2017 , 9, 387-401	6.6	44
21	Straightforward Immunosensing Platform Based on Graphene Oxide-Decorated Nanopaper: A Highly Sensitive and Fast Biosensing Approach. <i>Advanced Functional Materials</i> , 2017 , 27, 1702741	15.6	57
20	Wearable Nanoplasmonic Patch Detecting Sun/UV Exposure. <i>Analytical Chemistry</i> , 2017 , 89, 13589-13595	5.8	19
19	Graphene-based hybrid for enantioselective sensing applications. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 410-416	11.8	48
18	Graphene-Based Biosensors: Going Simple. <i>Advanced Materials</i> , 2017 , 29, 1604905	24	117
17	Modulation of population density and size of silver nanoparticles embedded in bacterial cellulose via ammonia exposure: visual detection of volatile compounds in a piece of plasmonic nanopaper. <i>Nanoscale</i> , 2016 , 8, 7984-91	7.7	48
16	Molecularly Imprinted Polymer-Decorated Magnetite Nanoparticles for Selective Sulfonamide Detection. <i>Analytical Chemistry</i> , 2016 , 88, 3578-84	7.8	111
15	Photoluminescent lateral-flow immunoassay revealed by graphene oxide: highly sensitive paper-based pathogen detection. <i>Analytical Chemistry</i> , 2015 , 87, 8573-7	7.8	132

14	Nanopaper as an Optical Sensing Platform. <i>ACS Nano</i> , 2015 , 9, 7296-305	16.7	169
13	In Situ Production of Biofunctionalized Few-Layer Defect-Free Microsheets of Graphene. <i>Advanced Functional Materials</i> , 2015 , 25, 2771-2779	15.6	57
12	Micro and nanomotors in diagnostics. <i>Advanced Drug Delivery Reviews</i> , 2015 , 95, 104-16	18.5	107
11	Graphene Quantum Dots-based Photoluminescent Sensor: A Multifunctional Composite for Pesticide Detection. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20272-9	9.5	99
10	On-the-Spot Immobilization of Quantum Dots, Graphene Oxide, and Proteins via Hydrophobins. <i>Advanced Functional Materials</i> , 2015 , 25, 6084-6092	15.6	27
9	On-chip magneto-immunoassay for Alzheimer's biomarker electrochemical detection by using quantum dots as labels. <i>Biosensors and Bioelectronics</i> , 2014 , 54, 279-84	11.8	79
8	Micromotor enhanced microarray technology for protein detection. <i>Small</i> , 2014 , 10, 2542-8	11	91
7	Electrocatalytic tuning of biosensing response through electrostatic or hydrophobic enzyme-graphene oxide interactions. <i>Biosensors and Bioelectronics</i> , 2014 , 61, 655-62	11.8	37
6	Medical Nanobiosensors. <i>Nanostructure Science and Technology</i> , 2014 , 117-143	0.9	
5	Graphene Oxide as a Pathogen-Revealing Agent: Sensing with a Digital-Like Response. <i>Angewandte Chemie</i> , 2013 , 125, 14024-14028	3.6	7
4	Graphene oxide as a pathogen-revealing agent: sensing with a digital-like response. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13779-83	16.4	51
3	Signal enhancement in antibody microarrays using quantum dots nanocrystals: application to potential Alzheimer's disease biomarker screening. <i>Analytical Chemistry</i> , 2012 , 84, 6821-7	7.8	56
2	Graphene oxide as an optical biosensing platform. <i>Advanced Materials</i> , 2012 , 24, 3298-308	24	398
1	Simple Förster resonance energy transfer evidence for the ultrahigh quantum dot quenching efficiency by graphene oxide compared to other carbon structures. <i>Carbon</i> , 2012 , 50, 2987-2993	10.4	92