

# Fabio Di Nardo

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,154  
citations

377584

21  
h-index

252626

46  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2854  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of multiplexing lateral flow immunoassay for detection and typing of foot-and-mouth disease virus using pan-reactive and serotype-specific monoclonal antibodies: Evidence of a new hook effect. <i>Talanta</i> , 2022, 240, 123155.	2.9	12
2	Bacterial ligands as flexible and sensitive detectors in rapid tests for antibodies to SARS-CoV-2. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5473-5482.	1.9	4
3	Rabbit IgG-imprinted nanoMIPs by solid phase synthesis: the effect of cross-linkers on their affinity and selectivity. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6724-6731.	2.9	4
4	Development of a nano-bioplatform for SARS-CoV-2 specific antigens detection. , 2022, , .		0
5	A multi-target lateral flow immunoassay enabling the specific and sensitive detection of total antibodies to SARS COV-2. <i>Talanta</i> , 2021, 223, 121737.	2.9	63
6	Dual lateral flow optical/chemiluminescence immunosensors for the rapid detection of salivary and serum IgA in patients with COVID-19 disease. <i>Biosensors and Bioelectronics</i> , 2021, 172, 112765.	5.3	141
7	Use of some cost-effective technologies for a routine clinical pathology laboratory. <i>Lab on A Chip</i> , 2021, 21, 4330-4351.	3.1	8
8	Recent Advancements in Enzyme-Based Lateral Flow Immunoassays. <i>Sensors</i> , 2021, 21, 3358.	2.1	39
9	Effect of experimental conditions on the binding abilities of ciprofloxacin-imprinted nanoparticles prepared by solid-phase synthesis. <i>Reactive and Functional Polymers</i> , 2021, 163, 104893.	2.0	9
10	Smartphone biosensor for point-of-need chemiluminescence detection of ochratoxin A in wine and coffee. <i>Analytica Chimica Acta</i> , 2021, 1163, 338515.	2.6	40
11	Ten Years of Lateral Flow Immunoassay Technique Applications: Trends, Challenges and Future Perspectives. <i>Sensors</i> , 2021, 21, 5185.	2.1	182
12	Effect of Polymerization Time on the Binding Properties of Ciprofloxacin-Imprinted nanoMIPs Prepared by Solid-Phase Synthesis. <i>Polymers</i> , 2021, 13, 2656.	2.0	6
13	NanoMIP-Based Solid Phase Extraction of Fluoroquinolones from Human Urine: A Proof-of-Concept Study. <i>Separations</i> , 2021, 8, 226.	1.1	6
14	Detection of urinary prostate specific antigen by a lateral flow biosensor predicting repeat prostate biopsy outcome. <i>Sensors and Actuators B: Chemical</i> , 2020, 325, 128812.	4.0	13
15	Commercial biosensors for detection of food additives, contaminants, and pathogens. , 2020, , 183-215.		4
16	Stoichiometric molecular imprinting using polymerisable urea and squaramide receptors for the solid phase extraction of organo-arsenic compound roxarsone. <i>Analytical Methods</i> , 2020, 12, 5729-5736.	1.3	6
17	Switching from Multiplex to Multimodal Colorimetric Lateral Flow Immunosensor. <i>Sensors</i> , 2020, 20, 6609.	2.1	11
18	Monoclonal antibodies with subnanomolar affinity to tenofovir for monitoring adherence to antiretroviral therapies: from hapten synthesis to prototype development. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10439-10449.	2.9	3

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19	Delayed Addition of Template Molecules Enhances the Binding Properties of Diclofenac-Imprinted Polymers. <i>Polymers</i> , 2020, 12, 1178.	2.0	6
20	Chemiluminescence Biosensor for Non-invasive Crew Health Monitoring at the International Space Station. <i>Aerotecnica Missili &amp; Spazio</i> , 2020, 99, 103-109.	0.5	1
21	Selective enrichment of aianthone from leaves of aianthus altissima by tandem reverse phase/molecularly imprinted solid phase extraction. <i>Microchemical Journal</i> , 2020, 158, 105198.	2.3	1
22	Enzyme Immunoassay for Measuring Aflatoxin B1 in Legal Cannabis. <i>Toxins</i> , 2020, 12, 265.	1.5	12
23	Direct vs Mediated Coupling of Antibodies to Gold Nanoparticles: The Case of Salivary Cortisol Detection by Lateral Flow Immunoassay. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 32758-32768.	4.0	60
24	Development of a biomimetic enzyme-linked immunosorbent assay based on a molecularly imprinted polymer for the detection of cortisol in human saliva. <i>Analytical Methods</i> , 2019, 11, 2320-2326.	1.3	21
25	Multiplex Lateral Flow Immunoassay: An Overview of Strategies towards High-throughput Point-of-Need Testing. <i>Biosensors</i> , 2019, 9, 2.	2.3	133
26	Silver and gold nanoparticles as multi-chromatic lateral flow assay probes for the detection of food allergens. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1905-1913.	1.9	73
27	Colour-encoded lateral flow immunoassay for the simultaneous detection of aflatoxin B1 and type-B fumonisins in a single Test line. <i>Talanta</i> , 2019, 192, 288-294.	2.9	89
28	Chemiluminescence-based biosensor for monitoring astronauts' health status during space missions: Results from the International Space Station. <i>Biosensors and Bioelectronics</i> , 2019, 129, 260-268.	5.3	41
29	A versatile and sensitive lateral flow immunoassay for the rapid diagnosis of visceral leishmaniasis. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4123-4134.	1.9	35
30	Miniaturized Biosensors to Preserve and Monitor Cultural Heritage: from Medical to Conservation Diagnosis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7385-7389.	7.2	22
31	A lateral flow immunoassay for straightforward determination of fumonisin mycotoxins based on the quenching of the fluorescence of CdSe/ZnS quantum dots by gold and silver nanoparticles. <i>Mikrochimica Acta</i> , 2018, 185, 94.	2.5	93
32	Affinity Capillary Electrochromatography of Molecularly Imprinted Thin Layers Grafted onto Silica Capillaries Using a Surface-Bound Azo-Initiator and Living Polymerization. <i>Polymers</i> , 2018, 10, 192.	2.0	12
33	Effect of weather conditions and presence of visitors on adrenocortical activity in captive African penguins ( <i>Spheniscus demersus</i> ). <i>General and Comparative Endocrinology</i> , 2017, 242, 49-58.	0.8	25
34	Multicolor immunochromatographic strip test based on gold nanoparticles for the determination of aflatoxin B1 and fumonisins. <i>Mikrochimica Acta</i> , 2017, 184, 1295-1304.	2.5	67
35	Screening of a Combinatorial Library of Organic Polymers for the Solid-Phase Extraction of Patulin from Apple Juice. <i>Toxins</i> , 2017, 9, 174.	1.5	5
36	Full vs. partial competitive binding behaviour in molecularly imprinted polymers. The case for a chlorinated phenoxyacids-binding polymer. <i>RSC Advances</i> , 2016, 6, 78317-78321.	1.7	1

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37	Validation of a qualitative immunochromatographic test for the noninvasive assessment of stress in dogs. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1028, 192-198.	1.2	18
38	Chemiluminescence lateral flow immunoassay cartridge with integrated amorphous silicon photosensors array for human serum albumin detection in urine samples. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8869-8879.	1.9	46
39	A fluorescent immunochromatographic strip test using Quantum Dots for fumonisins detection. <i>Talanta</i> , 2016, 150, 463-468.	2.9	66
40	Comparison of binding behavior for molecularly imprinted polymers prepared by hierarchical imprinting or Pickering emulsion polymerization. <i>Journal of Separation Science</i> , 2015, 38, 3661-3668.	1.3	9
41	Enzyme immunoassay for monitoring aflatoxins in eggs. <i>Food Control</i> , 2015, 57, 115-121.	2.8	24
42	Peptide-based affinity media for solid-phase extraction of Ochratoxin A from wine samples: Effect of the solid support on binding properties. <i>Talanta</i> , 2015, 144, 496-501.	2.9	18
43	Non-invasive monitoring of adrenocortical activity in captive African Penguin ( <i>Spheniscus demersus</i> ) by measuring faecal glucocorticoid metabolites. <i>General and Comparative Endocrinology</i> , 2015, 224, 104-112.	0.8	14
44	A multiplex chemiluminescent biosensor for type B-fumonisins and aflatoxin B1 quantitative detection in maize flour. <i>Analyst</i> , 2015, 140, 358-365.	1.7	71
45	A simple and compact smartphone accessory for quantitative chemiluminescence-based lateral flow immunoassay for salivary cortisol detection. <i>Biosensors and Bioelectronics</i> , 2015, 64, 63-68.	5.3	309
46	A broad-selective enzyme immunoassay for non-invasive stress assessment in African penguins ( <i>Spheniscus demersus</i> ) held in captivity. <i>Analytical Methods</i> , 2014, 6, 8222-8231.	1.3	11
47	Multi-analyte homogenous immunoassay based on quenching of quantum dots by functionalized graphene. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4841-4849.	1.9	19
48	Determination of Ochratoxin A in Italian Red Wines by Molecularly Imprinted Solid Phase Extraction and HPLC Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5220-5225.	2.4	72
49	Increased sensitivity of lateral flow immunoassay for ochratoxin A through silver enhancement. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 9859-9867.	1.9	112
50	Carbon Black-Modified Screen-Printed Electrodes as Electroanalytical Tools. <i>Electroanalysis</i> , 2012, 24, 743-751.	1.5	111