Fabio Di Nardo

List of Publications by Year
in descending order

50 papers	2,154 citations	331670 21 h-index	223800 46 g-index
51 all docs	51 docs citations	51 times ranked	2592 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. Talanta, 2022, 240, 123155.	5.5	12
2	Bacterial ligands as flexible and sensitive detectors in rapid tests for antibodies to SARS-CoV-2. Analytical and Bioanalytical Chemistry, 2022, 414, 5473-5482.	3.7	4
3	Rabbit IgG-imprinted nanoMIPs by solid phase synthesis: the effect of cross-linkers on their affinity and selectivity. Journal of Materials Chemistry B, 2022, 10, 6724-6731.	5.8	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. Talanta, 2021, 223, 121737.	5.5	63
6	Dual lateral flow optical/chemiluminescence immunosensors for the rapid detection of salivary and serum IgA in patients with COVID-19 disease. Biosensors and Bioelectronics, 2021, 172, 112765.	10.1	141
7	Use of some cost-effective technologies for a routine clinical pathology laboratory. Lab on A Chip, 2021, 21, 4330-4351.	6.0	8
8	Recent Advancements in Enzyme-Based Lateral Flow Immunoassays. Sensors, 2021, 21, 3358.	3.8	39
9	Effect of experimental conditions on the binding abilities of ciprofloxacin-imprinted nanoparticles prepared by solid-phase synthesis. Reactive and Functional Polymers, 2021, 163, 104893.	4.1	9
10	Smartphone biosensor for point-of-need chemiluminescence detection of ochratoxin A in wine and coffee. Analytica Chimica Acta, 2021, 1163, 338515.	5.4	40
11	Ten Years of Lateral Flow Immunoassay Technique Applications: Trends, Challenges and Future Perspectives. Sensors, 2021, 21, 5185.	3.8	182
12	Effect of Polymerization Time on the Binding Properties of Ciprofloxacin-Imprinted nanoMIPs Prepared by Solid-Phase Synthesis. Polymers, 2021, 13, 2656.	4.5	6
13	NanoMIP-Based Solid Phase Extraction of Fluoroquinolones from Human Urine: A Proof-of-Concept Study. Separations, 2021, 8, 226.	2.4	6
14	Detection of urinary prostate specific antigen by a lateral flow biosensor predicting repeat prostate biopsy outcome. Sensors and Actuators B: Chemical, 2020, 325, 128812.	7.8	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. Analytical Methods, 2020, 12, 5729-5736.	2.7	6
17	Switching from Multiplex to Multimodal Colorimetric Lateral Flow Immunosensor. Sensors, 2020, 20, 6609.	3.8	11
18	Monoclonal antibodies with subnanomolar affinity to tenofovir for monitoring adherence to antiretroviral therapies: from hapten synthesis to prototype development. Journal of Materials Chemistry B, 2020, 8, 10439-10449.	5.8	3

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19	Delayed Addition of Template Molecules Enhances the Binding Properties of Diclofenac-Imprinted Polymers. Polymers, 2020, 12, 1178.	4.5	6
20	Chemiluminescence Biosensor for Non-invasive Crew Health Monitoring at the International Space Station. Aerotecnica Missili & Spazio, 2020, 99, 103-109.	0.9	1
21	Selective enrichment of ailanthone from leaves of ailanthus altissima by tandem reverse phase/molecularly imprinted solid phase extraction. Microchemical Journal, 2020, 158, 105198.	4.5	1
22	Enzyme Immunoassay for Measuring Aflatoxin B1 in Legal Cannabis. Toxins, 2020, 12, 265.	3.4	12
23	Direct vs Mediated Coupling of Antibodies to Gold Nanoparticles: The Case of Salivary Cortisol Detection by Lateral Flow Immunoassay. ACS Applied Materials & Interfaces, 2019, 11, 32758-32768.	8.0	60
24	Development of a biomimetic enzyme-linked immunosorbent assay based on a molecularly imprinted polymer for the detection of cortisol in human saliva. Analytical Methods, 2019, 11, 2320-2326.	2.7	21
25	Multiplex Lateral Flow Immunoassay: An Overview of Strategies towards High-throughput Point-of-Need Testing. Biosensors, 2019, 9, 2.	4.7	133
26	Silver and gold nanoparticles as multi-chromatic lateral flow assay probes for the detection of food allergens. Analytical and Bioanalytical Chemistry, 2019, 411, 1905-1913.	3.7	73
27	Colour-encoded lateral flow immunoassay for the simultaneous detection of aflatoxin B1 and type-B fumonisins in a single Test line. Talanta, 2019, 192, 288-294.	5.5	89
28	Chemiluminescence-based biosensor for monitoring astronautsâ€™ health status during space missions: Results from the International Space Station. Biosensors and Bioelectronics, 2019, 129, 260-268.	10.1	41
29	A versatile and sensitive lateral flow immunoassay for the rapid diagnosis of visceral leishmaniasis. Analytical and Bioanalytical Chemistry, 2018, 410, 4123-4134.	3.7	35
30	Miniaturized Biosensors to Preserve and Monitor Cultural Heritage: from Medical to Conservation Diagnosis. Angewandte Chemie - International Edition, 2018, 57, 7385-7389.	13.8	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. Mikrochimica Acta, 2018, 185, 94.	5.0	93
32	Affinity Capillary Electrochromatography of Molecularly Imprinted Thin Layers Grafted onto Silica Capillaries Using a Surface-Bound Azo-Initiator and Living Polymerization. Polymers, 2018, 10, 192.	4.5	12
33	Effect of weather conditions and presence of visitors on adrenocortical activity in captive African penguins (Spheniscus demersus). General and Comparative Endocrinology, 2017, 242, 49-58.	1.8	25
34	Multicolor immunochromatographic strip test based on gold nanoparticles for the determination of aflatoxin B1 and fumonisins. Mikrochimica Acta, 2017, 184, 1295-1304.	5.0	67
35	Screening of a Combinatorial Library of Organic Polymers for the Solid-Phase Extraction of Patulin from Apple Juice. Toxins, 2017, 9, 174.	3.4	5
36	Full vs. partial competitive binding behaviour in molecularly imprinted polymers. The case for a chlorinated phenoxyacids-binding polymer. RSC Advances, 2016, 6, 78317-78321.	3.6	1

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37	Validation of a qualitative immunochromatographic test for the noninvasive assessment of stress in dogs. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1028, 192-198.	2.3	18
38	Chemiluminescence lateral flow immunoassay cartridge with integrated amorphous silicon photosensors array for human serum albumin detection in urine samples. Analytical and Bioanalytical Chemistry, 2016, 408, 8869-8879.	3.7	46
39	A fluorescent immunochromatographic strip test using Quantum Dots for fumonisins detection. Talanta, 2016, 150, 463-468.	5.5	66
40	Comparison of binding behavior for molecularly imprinted polymers prepared by hierarchical imprinting or Pickering emulsion polymerization. Journal of Separation Science, 2015, 38, 3661-3668.	2.5	9
41	Enzyme immunoassay for monitoring aflatoxins in eggs. Food Control, 2015, 57, 115-121.	5.5	24
42	Peptide-based affinity media for solid-phase extraction of Ochratoxin A from wine samples: Effect of the solid support on binding properties. Talanta, 2015, 144, 496-501.	5.5	18
43	Non-invasive monitoring of adrenocortical activity in captive African Penguin (Spheniscus demersus) by measuring faecal glucocorticoid metabolites. General and Comparative Endocrinology, 2015, 224, 104-112.	1.8	14
44	A multiplex chemiluminescent biosensor for type B-fumonisins and aflatoxin B1 quantitative detection in maize flour. Analyst, The, 2015, 140, 358-365.	3.5	71
45	A simple and compact smartphone accessory for quantitative chemiluminescence-based lateral flow immunoassay for salivary cortisol detection. Biosensors and Bioelectronics, 2015, 64, 63-68.	10.1	309
46	A broad-selective enzyme immunoassay for non-invasive stress assessment in African penguins (Spheniscus demersus) held in captivity. Analytical Methods, 2014, 6, 8222-8231.	2.7	11
47	Multi-analyte homogenous immunoassay based on quenching of quantum dots by functionalized graphene. Analytical and Bioanalytical Chemistry, 2014, 406, 4841-4849.	3.7	19
48	Determination of Ochratoxin A in Italian Red Wines by Molecularly Imprinted Solid Phase Extraction and HPLC Analysis. Journal of Agricultural and Food Chemistry, 2014, 62, 5220-5225.	5.2	72
49	Increased sensitivity of lateral flow immunoassay for ochratoxin A through silver enhancement. Analytical and Bioanalytical Chemistry, 2013, 405, 9859-9867.	3.7	112
50	Carbon Blackâ€Modified Screenâ€Printed Electrodes as Electroanalytical Tools. Electroanalysis, 2012, 24, 743-751.	2.9	111