

CITATION REPORT

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A signal-on electrochemical aptasensor based on silanized cellulose nanofibers for rapid point-of-use detection of ochratoxin A

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#	Paper	IF	Citations
21	Frontiers in conventional and nanomaterials based electrochemical sensing and biosensing approaches for Ochratoxin A analysis in foodstuffs: A review. <i>Food and Chemical Toxicology</i> , 2021 , 149, 112030	4.7	25
20	Nanobioengineered Sensing Technologies Based on Cellulose Matrices for Detection of Small Molecules, Macromolecules, and Cells. <i>Biosensors</i> , 2021 , 11,	5.9	9
19	Electrospun Nanofibers for Sensing and Biosensing Applications-A Review. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	20
18	DNA walker-assisted aptasensor for highly sensitive determination of Ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2021 , 182, 113171	11.8	9
17	Fabrication of polydopamine-based NIR-light responsive imprinted nanofibrous membrane for effective lysozyme extraction and controlled release from chicken egg white. <i>Food Chemistry</i> , 2021 , 357, 129613	8.5	3
16	Recent advances in aptamer-based optical and electrochemical biosensors for detection of pesticides and veterinary drugs. <i>Food Control</i> , 2022 , 131, 108399	6.2	17
15	Electrochemical biosensors for food bioprocess monitoring. <i>Current Opinion in Food Science</i> , 2022 , 43, 18-26	9.8	4
14	A surface-enhanced Raman scattering aptasensor for ratiometric detection of aflatoxin B1 based on graphene oxide-Au@Ag core-shell nanoparticles complex. <i>Food Control</i> , 2022 , 134, 108748	6.2	1
13	Development of a novel liquid crystal Aptasensing platform using P-shape molecular switch.. <i>Biosensors and Bioelectronics</i> , 2021 , 199, 113882	11.8	1
12	Electrochemical biosensor based on genetically engineered bacteriophage T7 for rapid detection of Escherichia coli on fresh produce. <i>Food Control</i> , 2022 , 135, 108811	6.2	4
11	Electrochemical aptasensing for the detection of mycotoxins in food commodities. <i>Monatshefte für Chemie</i> , 1	1.4	
10	Ultrasensitive aptasensor using electrospun MXene/polyvinylidene fluoride nanofiber composite for Ochratoxin A detection.. <i>Food Chemistry</i> , 2022 , 390, 133105	8.5	0
9	Application of Nanomaterial Modified Aptamer-Based Electrochemical Sensor in Detection of Heavy Metal Ions. <i>Foods</i> , 2022 , 11, 1404	4.9	1
8	Preparation of an ultrasensitive electrochemical immunosensor for the rapid detection of 19-nortestosterone based on polyvinyl alcohol/polyacrylic acid electrospun nanofiber mat. 2022 , 370, 132450		0
7	Aptamer based detection and separation platforms for ochratoxin A: A systematic review. 2022 , 46, 2537-2557		0
6	A DNA tetrahedral nanomaterial-based dual-signal ratiometric electrochemical aptasensor for the detection of ochratoxin A in corn kernel samples.		0
5	Biopolymer-based Electrospun Fibers in Electrochemical Devices: Versatile Platform for Energy, Environment, and Health Monitoring.		2

- 4 Critical review of polymer and hydrogel deposition methods for optical and electrochemical bioanalytical sensors correlated to the sensor's applicability in real samples. ○
- 3 Development and clinical evaluation of commercial glucose meter coupled with nanofiber based immuno-platform for self-diagnosis of SARS-CoV-2 in saliva. **2022**, 124117 ○
- 2 Preparation of polyaniline/cellulose nanofiber composites with enhanced anticorrosion performance for waterborne epoxy resin coatings. ○
- 1 Functionalized nanofibers as sensors for monitoring food quality. **2023**, 401-436 ○