

**Advances in detection of antibiotic pollutants in aqueous media using molecular imprinting technique - a review**  
Ayankojo, Akinrinade George; Reut, Jekaterina; Nguyen, Vu Bao Chau; Boroznjak, Roman; Sõritski, Vitali Biosensors 2022 / art. 441 <https://doi.org/10.3390/bios12070441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Antibiotic-imprinted polymer films prepared by electrochemical approach : towards the development of a label-free chemical sensor**

Ayankojo, Akinrinade George; Sõritski, Vitali; Tretjakov, Aleksei; Reut, Jekaterina; Öpik, Andres Baltic Polymer Symposium 2014 : programme and abstracts : Laulasmaa, Estonia, September 24-26, 2014 2014 / p. 38

**Class-selective molecularly imprinted polymer-based sensor for macrolide antibiotics detection**

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**Development of a molecularly imprinted polymerbased sensor for electrochemical detection of macrolide antibiotics**

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**Development of antibiotic-imprinted polymer films on the dextran-modified gold surfaces**

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**Direct electrochemical sensing of ampicillin in aqueous media by a ruthenium oxide electrode decorated with a molecularly imprinted polymer**

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**Electrochemical sensor based on molecularly imprinted polymer for rapid quantitative detection of brain-derived neurotrophic factor**

Ayankojo, Akinrinade George; Boroznjak, Roman; Reut, Jekaterina; Tuvikene, Jürgen; Timmusk, Tõnis; Sõritski, Vitali Sensors and Actuators B: Chemical 2023 / art. 134656 <https://doi.org/10.1016/j.snb.2023.134656> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Electrochemically synthesized MIP sensors : applications in healthcare diagnostics**

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**Electrochemically synthesized MIPs for sensor applications in healthcare diagnostics**

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**Enhancing binding properties of imprinted polymers for the detection of small molecules**

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**Mesoporous molecularly imprinted polymer for label-free detection of a small analyte**

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**MIP-based electrochemical sensor for direct detection of hepatitis C virus via E2 envelope protein**

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## **MIP-based electrochemical sensors detecting antibiotics and fungicides as emerging contaminants in aqueous environments**

**Nguyen, Vu Bao Chau; Ayankojo, Akinrinade George; Reut, Jekaterina; Söritski, Vitali** 11th international workshop on surface modification for chemical and biochemical sensing : program and the book of abstracts 2023 / p. 78

## **Mitoquinol mesylate alleviates oxidative damage in cirrhotic and advanced hepatocellular carcinogenic rats through mitochondrial protection and antioxidative effects**

Sulaimon, Lateef Adegboyega; Adisa, Rahmat Adetutu; Samuel, Titilola A.; Abdulkareem, Fatimah Biade; **Ayankojo, Akinrinade George** Advances in Redox Research 2021 / art. 100014 <https://doi.org/10.1016/j.arres.2021.100014>

## **Molecular mechanism of mitoquinol mesylate in mitigating the progression of hepatocellular carcinoma - in silico and in vivo studies**

Sulaimon, Lateef Adegboyega; Adisa, Rahmat Adetutu; Samuel, Titilola Aderonke; Joel, Ireoluwa Yinka; **Ayankojo, Akinrinade George**; Abdulkareem, Fatimah Biade; Olaniyi, Timothy Olajire Journal of Cellular Biochemistry 2021 / p. 1157-1172  
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## **Molecularly imprinted co-polymer for class-selective electrochemical detection of macrolide antibiotics in aqueous media**

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## **Molecularly imprinted polymer based electrochemical sensor for quantitative detection of SARS-CoV-2 spike protein**

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## **Molecularly imprinted polymer based SPR sensors for label-free detection of antibiotics**

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## **Molecularly imprinted polymer integrated with a Surface Acoustic Wave technique for detection of sulfamethizole**

**Ayankojo, Akinrinade George; Tretjakov, Aleksei; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres**; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; **Söritski, Vitali** Analytical chemistry 2016 / p. 1476-1484 : ill  
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## **Molecularly imprinted polymer-based sensor for electrochemical detection of erythromycin**

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## **Molecularly imprinted polymers designed to detect antibiotic pollutants in water = Molekulaarselt jälgendatud polümeerid antibiootikumide määramiseks vesikeskkonnas**

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**Ayankojo, Akinrinade George; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Söritski, Vitali** Sensors and actuators B : chemical 2018 / p. 766-774 : ill <https://doi.org/10.1016/j.snb.2017.11.194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Pharmacological significance of MitoQ in ameliorating mitochondria-related diseases**

Sulaimon, Lateef Adegboyega; Afolabi, Lukman Olalekan; Adisa, Rahmat Adetutu; **Ayankojo, Akinrinade George**; Afolabi, Mariam Olanrewaju; Adewolu, Abiodun Mohammed; Wan, Xiaochun Advances in Redox Research 2022 / art. 100037  
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## **Ruthenium oxide electrode integrated with molecularly imprinted polymer for direct electrochemical sensing of a neurotrophic factor protein**

**Ayankojo, Akinrinade George; Reut, Jekaterina; Boroznjak, Roman; Söritski, Vitali** Sensors and Actuators B: Chemical 2025 / art. 137301 <https://doi.org/10.1016/j.snb.2025.137301>

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## **Sulfamethizole-imprinted polymer on screen-printed electrodes: Towards the design of a portable environmental sensor**

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**Synthesis techniques in molecular imprinting: From MIP monoliths to MIP films and nanoparticles**

**Ayankojo, Akinrinade George; Reut, Jekaterina; Sõritski, Vitali;** Sehit, Ekin; Md Sharifuzzaman; Altintas, Z. Molecularly imprinted polymers : Computational studies to advanced applications 2025 / p. 75-128 [https://doi.org/10.1007/978-3-031-67368-9\\_4](https://doi.org/10.1007/978-3-031-67368-9_4)

**The development of a polymer synthetic receptor for class-selective detection of macrolide antibiotics**

**Nguyen, Vu Bao Chau; Ayankojo, Akinrinade George; Reut, Jekaterina; Sõritski, Vitali** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 42 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)