

Posters

PO1: SAMEER SAPRA

TRANSITION METAL DICHALCOGENIDE BASED PHOTODETECTORS AND NANO-HETEROSTRUCTURES FOR CATALYTIC APPLICATIONS

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PO2: CHIARA DI GREGORIO

INTEGRATION OF PAPER-BASED ELECTROCHEMICAL (BIO)SENSORS FOR LACTATE DEHYDROGENASE AND NITRATE INTO ORGAN-ON-CHIP DEVICES

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PO3: GIORGIA LEOTTA

A PAPER-BASED ELECTROCHEMICAL OXYGEN SENSOR FOR INTEGRATION INTO NEXT-GENERATION PAPER-BASED ORGAN-ON-CHIP PLATFORMS

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PO4: ELEONORA BISCHETTI

BIOINSPIRED MATERIALS FOR ADVANCED PORTABLE AND MINIATURED BIOSENSOR

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PO5: EDUARDA PEREIRA

ELECTROCHEMICAL MIRNA-BASED SENSING: A NOVEL LABEL-FREE APPROACH FOR DIAGNOSING NEURODEVELOPMENTAL DISORDERS

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PO6: KAWTAR SAIDI

A RAPID, COST-EFFECTIVE SMARTPHONE-BASED FLUORESCENT BIOSENSOR FOR HISTAMINE DETECTION USING A MOLECULARLY IMPRINTED MEMBRANE

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PO7: NATALIE DAVIS

UTILIZING MICRO-IMMUNOELECTRODES TO MEASURE SYNAPTIC ACTIVITY-INDUCED CHANGES OF AMYLOID-B IN AN ALZHEIMER'S DISEASE MOUSE MODEL

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PO8: CHAIMAE AMEICH

DEVELOPMENT OF A NOVEL ELECTROCHEMICAL DNA BIOSENSOR FOR THE ASSESSMENT OF HEAVY METAL-INDUCED GENOTOXICITY IN OLIVE MILL WASTEWATER

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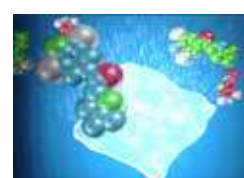
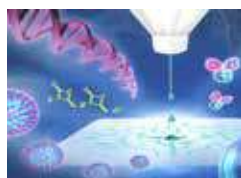
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PO9: SIMONA GUOBUZAITÉ

DNA IS A ROPE, NOT A WIRE: PROBE DENSITY GOVERNS ELECTRON TRANSFER IN MB-DNA ELECTROCHEMICAL BIOSENSORS

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PO10: SOUHEIR BENNIS

AN RPA-ENHANCED PHOTOELECTROCHEMICAL BIOSENSING PLATFORM FOR THE DETECTION OF KRASG12C MUTATION IN CANCER

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PO11: YAGMUR KOCA

HYBRIDIZATION CHAIN REACTION-AMPLIFIED SINGLET OXYGEN-BASED PHOTOELECTROCHEMICAL BIOSENSING FOR NUCLEIC ACID DETECTION

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PO12: GHITA YAMMOURI

AI-DRIVEN BIOSENSING FOR PERSONALIZED HEALTHCARE: WEARABLE MONITORING AND RAPID POINT-OF-CARE DIAGNOSIS

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PO13 : DARIO COMPAGNONE

ADDITIVE MANUFACTURING FOR BIOELECTROANALYTICAL DIAGNOSTICS AND SENSING

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PO 14 : OUMAIMA EZ-ZAHRAOUI

DEVELOPMENT OF DNA APTAMER BIOSENSING PLATFORM FOR TETRACYCLINE RECOGNITION: A COMBINED EXPERIMENTAL AND IN SILICO STUDY

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PO 15 : YU XIN

SIMULTANEOUS PROFILING AND QUANTIFICATION OF TAU AND ITS PHOSPHORYLATED ISOMERS USING ENGINEERED FRAC NANOPORES

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PO 16 : FATIMA EZZAHRA REJDAL

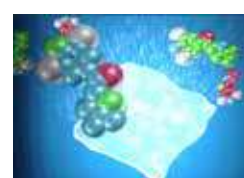
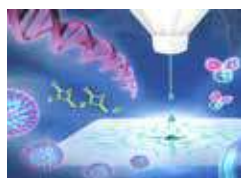
RAPID ULTRASOUND-ASSISTED SYNTHESIS OF A MOLECULARLY IMPRINTED POLYMER FOR DUAL-MODE OPTICAL DETECTION OF PROMETHAZINE

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PO 17 : SUBRATA KUNDU

CYCLIC ALKYL(AMINO)CARBENE-BASED ORGANIC RADICALS STABLE IN ACIDIC, BASIC, AND BIOLOGICAL MEDIA, AND FLUORIDE SENSORS

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PO 18 : DEIMANTE STAKELYTE

BIOSENSOR FOR ELECTROCHEMICAL NUCLEASE ACTIVITY DETECTION

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PO 19 : DOAA BENALIAT

LASER-INDUCED SYNTHESIS OF METAL-OXIDE NANOZYMES ON ACTIVATED CHARCOAL MEMBRANE AS OXI-DASE MIMICS FOR COLORIMETRIC VERTICAL-FLOW ASSAYS

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