Sensors & Diagnostics

rsc.li/sensors

The Royal Society of Chemistry is the world's leading chemistry community. Through our high impact journals and publications we connect the world with the chemical sciences and invest the profits back into the chemistry community.

IN THIS ISSUE

ISSN 2635-0998 CODEN SDEIAR 4(8) 635-714 (2025)



Cover

Image created by Chong Ahn. Image reproduced by permission of Chong Ahn.

EDITORIAL

641

Outstanding Reviewers for Sensors & Diagnostics in 2024

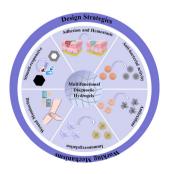


TUTORIAL REVIEW

642

Advances in multifunctional diagnostic hydrogels for complex chronic wound healing and monitoring

Kun Lei,* Junjun Fang, Guosheng Wang and Xinchang Pang







EES Batteries

Exceptional research on batteries and energy storage

Part of the EES family

Join Publish with us in rsc.li/EESBatteries

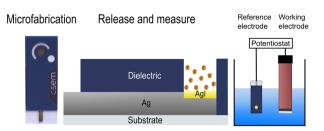
Registered charity number: 207890

PAPERS

669

Microfabricated self-referencing pulstrodes

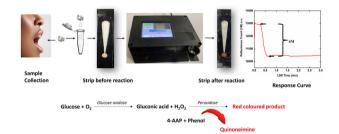
Ayian Speck, Davide Migliorelli, Jeremy Disser, Silvia Generelli, Guillaume Bouilly, Tara Forrest, Elena Zdrachek, Loïc Burr* and Eric Bakker*



680

A non-invasive device for glucose monitoring through saliva - a paradigm shift in diabetes care

Shweta Panwar, D. Syed Kasim, Harpreet Singh, Akanksha Priya, K. K. Deepak, Shyam Prakash and Sandeep Kumar Jha*



690

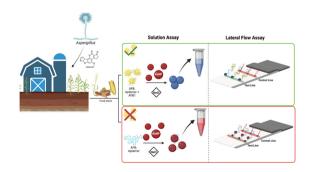
A fluorescent sensor array for rapid and facile pointof-care creatinine detection in saliva

Rossella Santonocito, Alessia Cavallaro, Flavia Ficili, Alessia Distefano, Giuseppe Grasso, Andrea Pappalardo, Nunzio Tuccitto* and Giuseppe Trusso Sfrazzetto*



Selection of a DNA aptamer for aflatoxin B1 and the development of a lateral flow assay for the detection of aflatoxins in spiked peanut extract

Fiona Ebanks, Erin M. McConnell, Emily Mastronardi, Daniel Goudreau, Hadi Nasrallah, Velu Ranganathan and Maria C. DeRosa*



CORRECTION

711

Correction: A novel time-resolved fluorescent lateral flow immunoassay for quantitative detection of the trauma brain injury biomarker-glial fibrillary acidic protein

Satheesh Natarajan* and Jayaraj Joseph