

Sensors & Diagnostics

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Cover
See Mounir A. Koussa *et al.*,
pp. 1899–1922.
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Inside cover
See Neso Sojic *et al.*,
pp. 1887–1898.
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EDITORIAL

1886

Towards greater accountability and trust: the launch of transparent peer review in *Sensors & Diagnostics*



CRITICAL REVIEW

1887

Recent advances in electrochemiluminescence immunosensing

Jing Yu, Dalibor Stankovic, Jasmina Vidic and Neso Sojic*





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PAPERS

1899

VitalOne™: a point-of-care platform for rapid, comprehensive, central-lab quality blood testing

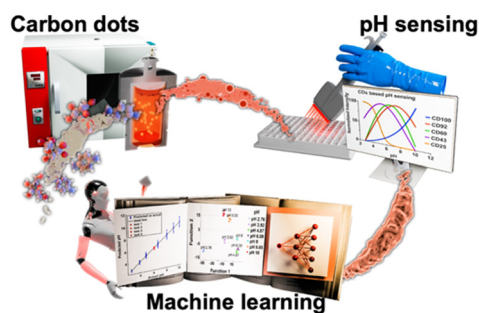
M. A. Koussa,* M. Barreiros, P. S. Ehrlich Perez, S. R. Jean, T. C. Lee, R. MacLeod, A. Witham, G. Bhat, T. Campbell, S. Lizano, M. Toth, A. Venkateswaran, D. Yang, N. Zaman, W. Alfaqheri, A. Ardalani, L. Barbosa, M. Behrouzi, V. Borisenko, R. Chand, K. S. Ho, P. Kumar, M. Lengyel, W. Luo, F. Masum, L. Piñeros, A. R. Kozhipuram, S. Sanders, D. Santos, V. Nadella, F. Kazemzadeh and I. Khodadad



1923

A fluorescent sensor array based on carbon dots for the accurate determination of pH

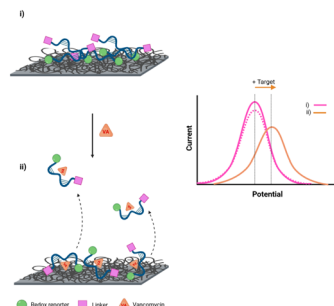
Haobo Guo, Pooria Lesani, Hala Zreiqat and Elizabeth J. New*



1935

Challenges in aptamer-based sensor development using carbon nanotube networks

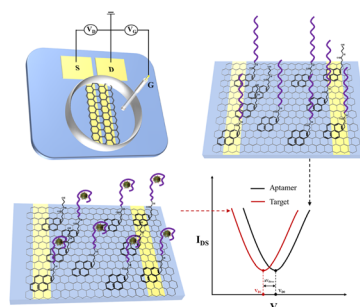
Laura Ferrer Pascual, Eero Gustafsson, Juha Siitonen, Vasuki Durairaj and Tomi Laurila*



1947

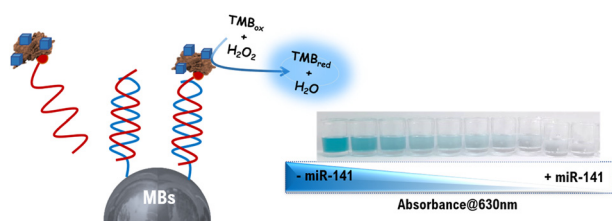
Detection of SARS-CoV-2 and noroviruses in cold-chain food samples using aptamer-functionalized graphene field-effect transistors

Qingliu Wu, Songjia Luo, Lu Wang,* Baolei Dong, Hao Qu* and Lei Zheng



PAPERS

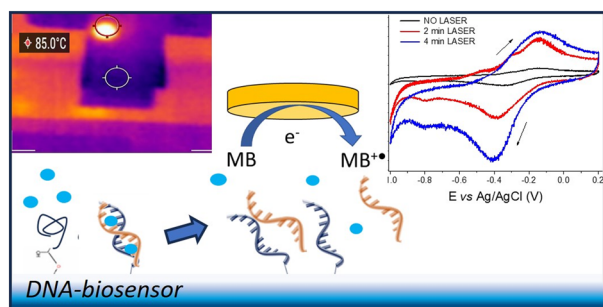
1957



Peroxidase-mimicking Prussian blue nanoparticles versus HRP for high colorimetric detection of miRNA-141 in competitive RNA-RNA systems

Maliana El Aamri, Hasna Mohammadi and Aziz Amine*

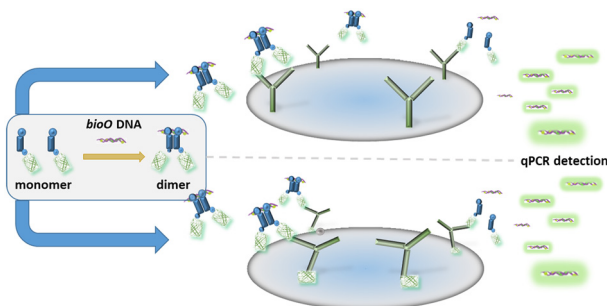
1966



A DNA biosensor integrating surface hybridization, thermo-responsive coating, laminar-flow technology and localized photothermal effect for efficient electrochemical detection of nucleic acids

Ludovica Maugeri, Giorgia Fangano, Angelo Ferlazzo,* Giuseppe Forte, Antonino Gulino and Salvatore Petralia*

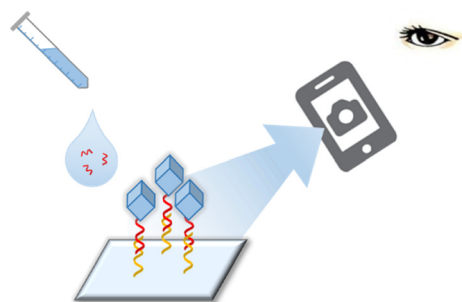
1976



A self-assembling protein-DNA complex with an inbuilt DNA release system for quantitative immuno-PCR applications

A. E. Sorenson and P. M. Schaeffer*

1984



Application of surface selective site-directed crystallization in a visual assay of DNA

Jinrong Chen, Ruwen Xie, Rui Liu, Lishang Liu* and Shusheng Zhang*



CORRECTION

1992

Correction: modulation of the binding sites for an adaptable DNA interactive probe: efficient chromo-fluorogenic recognition of Al^{3+} and live cell bioimaging

Atanu Maji, Debarpan Mitra, Amitav Biswas, Moumita Ghosh, Rahul Naskar, Saswati Gharami, Nabendu Murmu and Tapan K. Mondal*

