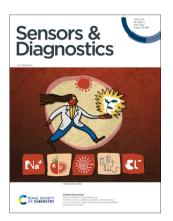
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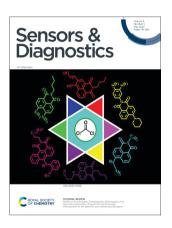
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See Philip Coatsworth, Firat Güder et al.. pp. 799-808. Image reproduced by permission of Philip Coatsworth from Sens. Diagn., 2024, 3, 799.



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See Thorfinnur Gunnlaugsson, Sankarasekaran Shanmugaraju et al., pp. 783-798.

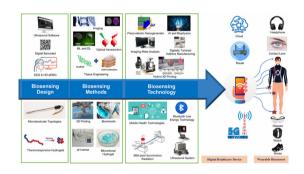
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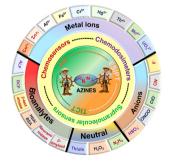
#### Emergence of integrated biosensing-enabled digital healthcare devices

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#### Aggregation-induced emission-active azines for chemosensing applications: a five-year update

Akhil A. Bhosle, Mainak Banerjee\* and Amrita Chatterjee\*





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Reactivity-based amino-1,8-naphthalimide fluorescent chemosensors for the detection and monitoring of phosgene

Mannanthara Kunhumon Noushija, Alenthwar Vamshi Krishna, Thorfinnur Gunnlaugsson\* and Sankarasekaran Shanmugaraju\*

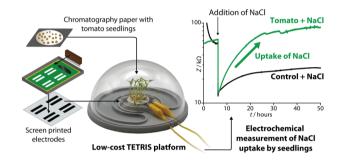


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Plant-on-a-chip: continuous, soilless electrochemical monitoring of salt uptake and tolerance among different genotypes of tomato

Philip Coatsworth.\* Yasin Cotur. Tarek Asfour. Zihao Zhou, José M. R. Flauzino, Tolga Bozkurt and Firat Güder\*



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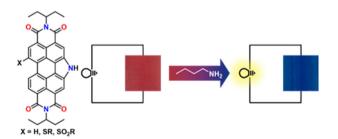
A sensitive paper-based sensor for fluoride detection in water using Tb<sup>3+</sup> photoluminescence

Pankaj Kumar Chaturvedi and Uday Maitra\*



Flexible dual-action colorimetric-electronic amine sensors based on N-annulated perylene diimide dyes

Michael J. Grant, Anderson Hoff, Loren G. Kaake and Gregory C. Welch\*



#### COMMUNICATIONS

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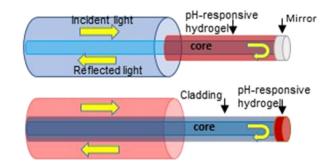


#### Si-rhodamine derivative with a large stokes shift for ELISA-based detection of SARS-CoV-2

Yan-Hong Liu, Hong Zhang, Kang-Kang Yu, Xiao-Fang Pei, Jia-Nan Xu, Shan-Yong Chen, Xiao-Qi Yu and Kun Li\*

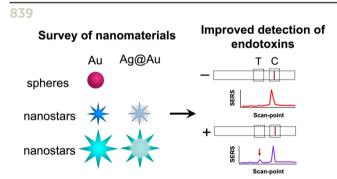
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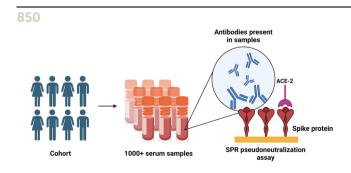
#### Fiber-optic probes for real-time pH monitoring

Mohamed Elsherif,\* Fahad Alam, Ahmed E. Salih, Xinyu Wang, Peter R. Corridon, Khalil B. Ramadi and Haider Butt\*



#### Improved point-of-care detection of P. gingivalis using optimized surface-enhanced Raman scattering in lateral flow assays

Lyndsay N. Kissell, Daewoo Han, Der Vang, Alexander W. R. Cikanek, Andrew J. Steckl\* and Pietro Strobbia\*



#### Large-scale validation of a plasmonic sensor for SARS-CoV-2 pseudo-neutralization with a cohort of food and retail workers

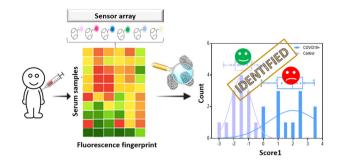
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A methodological study for the diagnosis of the SARS-Cov-2 infection in human serum with a macrocyclic sensor array

Monica Swetha Bosco, Zeki Topçu, Soumen Pradhan, Ariadne Sossah, Vassilis Tsatsaris, Christelle Vauloup-Fellous, Sarit S. Agasti, Yves Rozenholc and Nathalie Gagey-Eilstein\*



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Pragya, Krishnan Rangan and Bharti Khungar\*

