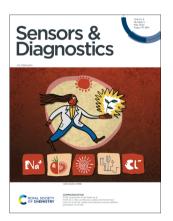
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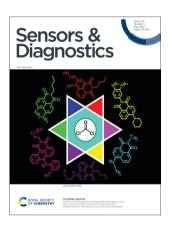
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See Philip Coatsworth, Firat Güder et al.. pp. 799-808. Image reproduced by permission of Philip Coatsworth from Sens. Diagn., 2024, 3, 799.



#### Inside cover

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

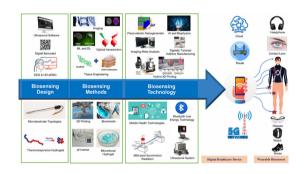
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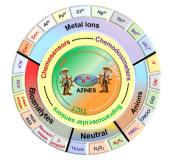
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#### Aggregation-induced emission-active azines for chemosensing applications: a five-year update

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





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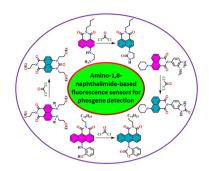


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Reactivity-based amino-1,8-naphthalimide fluorescent chemosensors for the detection and monitoring of phosgene

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

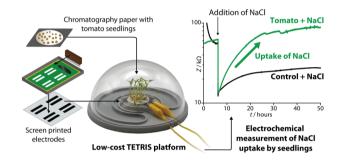


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Plant-on-a-chip: continuous, soilless electrochemical monitoring of salt uptake and tolerance among different genotypes of tomato

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



#### 809

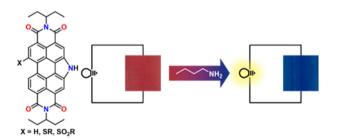
A sensitive paper-based sensor for fluoride detection in water using Tb<sup>3+</sup> photoluminescence

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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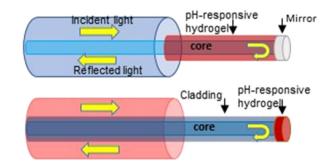


#### Si-rhodamine derivative with a large stokes shift for ELISA-based detection of SARS-CoV-2

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

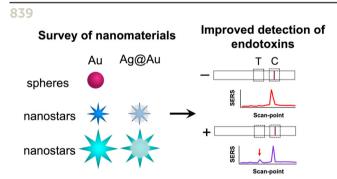
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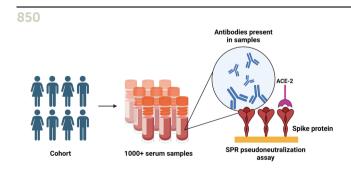
#### Fiber-optic probes for real-time pH monitoring

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

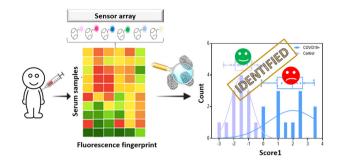
Julien Coutu, Pierre Ricard, Abdelhadi Djaïleb, Étienne Lavallée, Henintsoa Rabezanahary, Matthew Stuible, Yves Durocher, Caroline Gilbert, Nicholas Brousseau, Kim Santerre, Mathieu Thériault, Sylvie Trottier, Denis Boudreau, Marc-André Langlois, Joelle N. Pelletier, Mariana Baz and Jean-Francois Masson\*

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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\*

