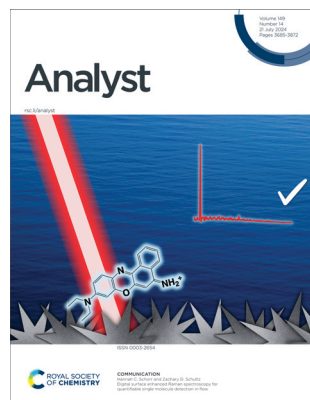


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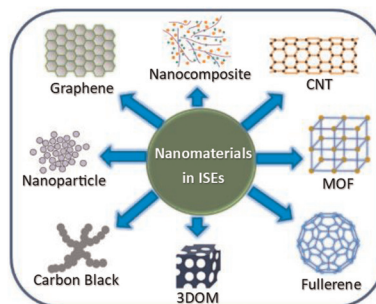
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Recent advances in nanomaterial-based solid-contact ion-selective electrodes

Seyed Oveis Mirabootalebi and Yang Liu*

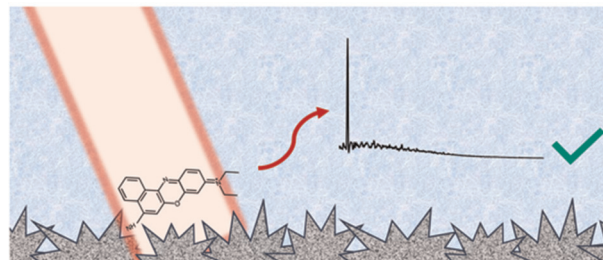


COMMUNICATIONS

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Digital surface enhanced Raman spectroscopy for quantifiable single molecule detection in flow

Hannah C. Schorr and Zachary D. Schultz*



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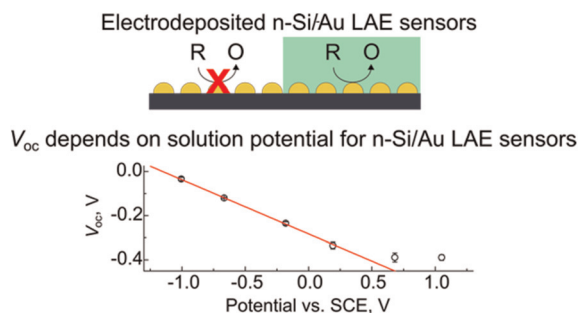


COMMUNICATIONS

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Characterizing and understanding the photovoltage in n-Si/Au light-addressable electrochemical sensors

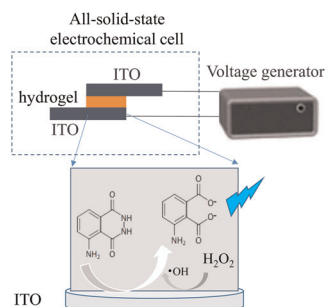
Armeen Hussain, Kayla Mancini, Yousef Khatib and Glen D. O'Neil*



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Visual electrochemiluminescence from an all-solid-state electrochemical cell

Wenlong Wang, Haiyu Fang, Yufei Deng, Dechen Jiang and Danjun Fang*

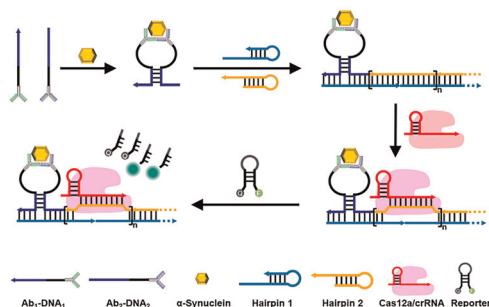


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A binding-triggered hybridization chain reaction cascade multi-site activated CRISPR/Cas12a signal amplification strategy for sensitive detection of α -synuclein

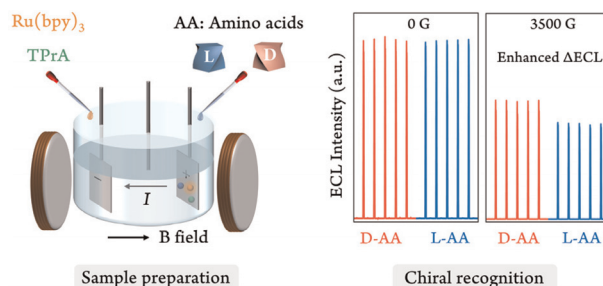
Zhenzhuo Wan, Jiahao Lu, Lu Lu, Weichong Zhao* and Wei Jiang*



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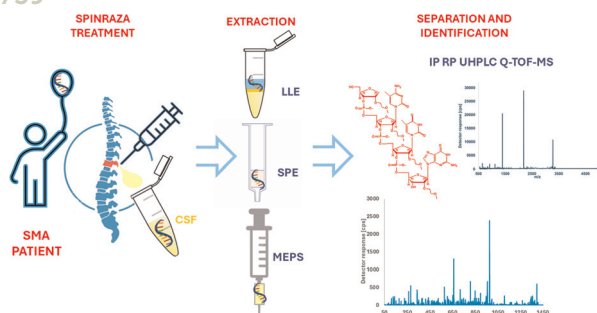
Magneto-electrochemical method for chiral recognition of amino acid enantiomers

Yueqian Jia, Wubin Wu, Rui Chen, Hong Wang, Chuang Zhang, Lili Chen* and Jiannian Yao*



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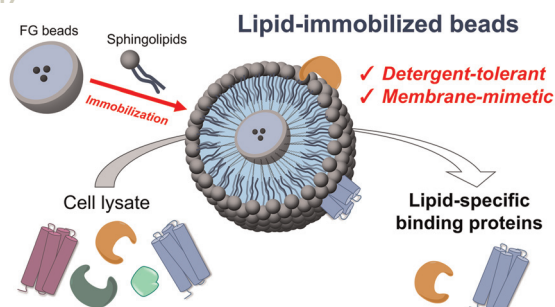
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Study of nusinersen metabolites in the cerebrospinal fluid of children with spinal muscular atrophy using ultra-high-performance liquid chromatography coupled with quadrupole-time-of-flight mass spectrometry

Sylwia Studzińska,* Oliwia Błachowicz, Szymon Bocian, Oktawia Kalisz, Aleksandra Jaworska, Jakub Szymarek and Maria Mazurkiewicz-Betdzińska

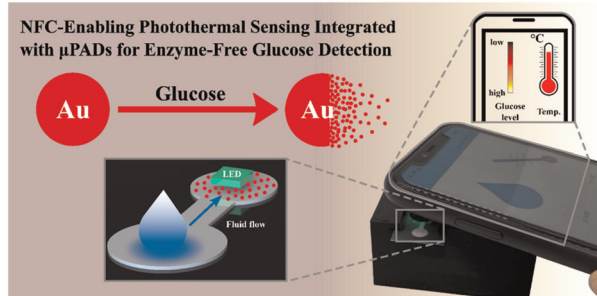
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Masayuki Morito, Hiroki Yasuda, Takaaki Matsufuji, Masanao Kinoshita and Nobuaki Matsumori*

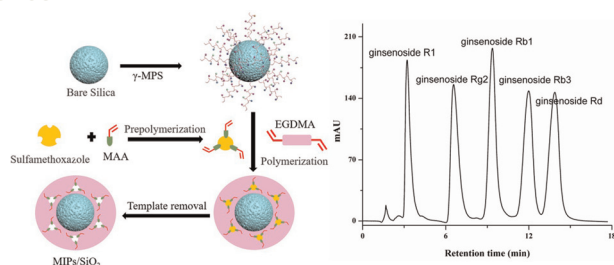
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Kawin Khachornsakkul,* Ruben Del-Rio-Ruiz, Cihan Asci and Sameer Sonkusale*

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Molecularly imprinted polymer-coated silica microbeads for high-performance liquid chromatography

Wenpu Wu, Cuichi Yu, Lei Sui, Hui Xu,* Jinhua Li, Na Zhou, Lingxin Chen* and Zhihua Song*

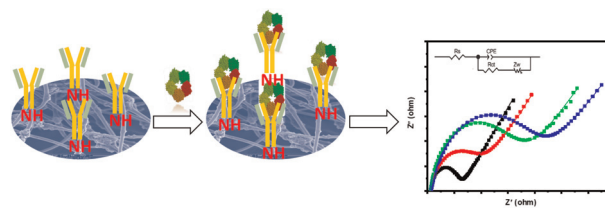


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Ultrasensitive electrochemical immunosensor for the detection of C-reactive protein antigen

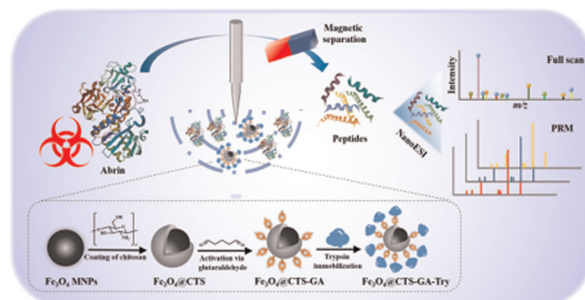
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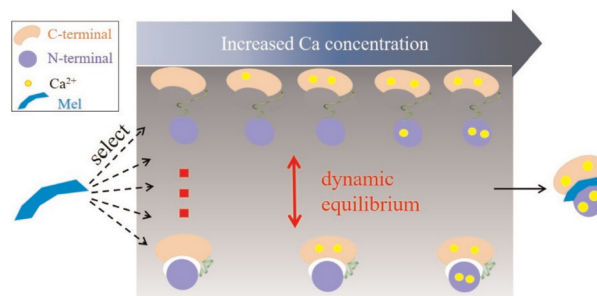
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Mobility capillary electrophoresis–native mass spectrometry reveals the dynamic conformational equilibrium of calmodulin and its complexes

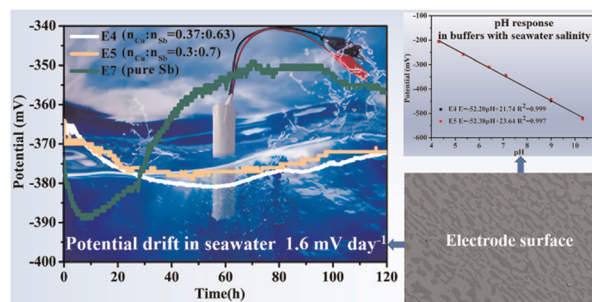
Yi Zhao, Wenjing Zhang, Jie Hong, Lei Yang, Yuanyuan Wang, Feng Qu* and Wei Xu*



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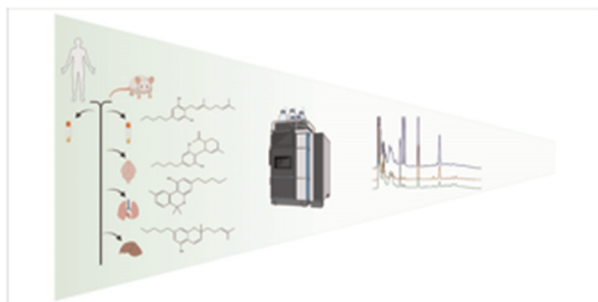
Preparation and application of a Cu-doped antimony electrode to improve the performance of pH measurement in seawater

Zhen Li, Li Zong,* Tao Xu, Caiyun Zhang and Chao Liu*



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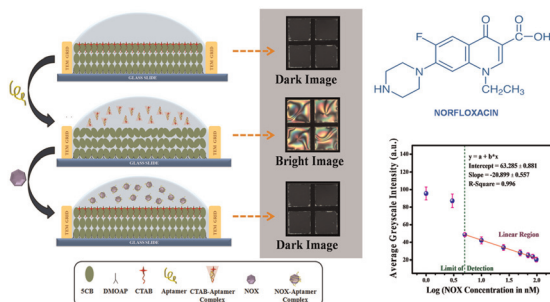
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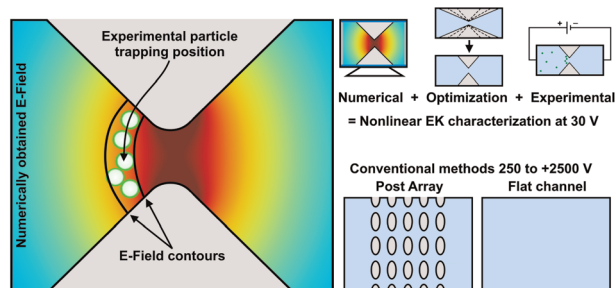
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Label-free liquid crystal-based optical detection of norfloxacin using an aptamer recognition probe in soil and lake water

Sayani Das, Soma Sil, Santanu Kumar Pal, Przemysław Kula and Susanta Sinha Roy*

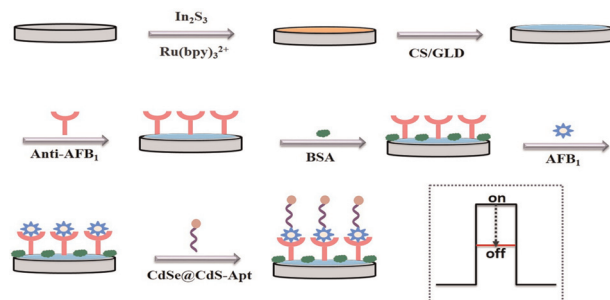
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Enabling the characterization of the nonlinear electrokinetic properties of particles using low voltage

J. Martin de los Santos-Ramirez, Carlos A. Mendiola-Escobedo, Jose M. Cotera-Sarabia, Roberto C. Gallo-Villanueva, Rodrigo Martinez-Duarte* and Victor H. Perez-Gonzalez*

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A sandwich-type photoelectrochemical biosensor based on $\text{Ru}(\text{bpy})_3^{2+}$ sensitized In_2S_3 for aflatoxin B_1 detection

Si-Zhe Chen, Jing-Shuai Chen, Xing-Pei Liu,* Chang-Jie Mao* and Bao-Kang Jin

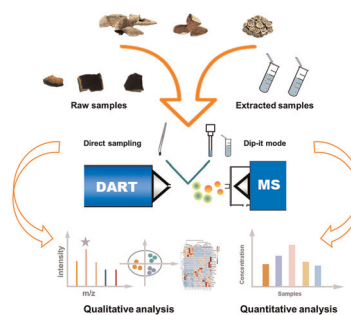


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Rapid analysis of bioactive compounds from citrus samples by direct analysis in real-time mass spectrometry combined with chemometrics

Xingyu Wang, Yilin Chen, Yanqiao Xie, Yamin Liu, Linhong Fan, Linnan Li,* Zhengtao Wang and Li Yang*



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Optical control of nanobody-mediated protein activity modulation with a photocleavable fluorescent protein

Mizuki Endo, Saki Tomizawa, Qiaoyue Kuang and Takeaki Ozawa*

