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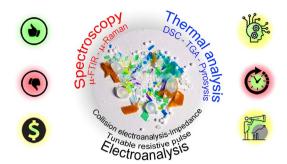


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Mónica Mosquera-Ortega, Lucas Rodrigues de Sousa, Sabina Susmel, Eduardo Cortón and Federico Figueredo\*

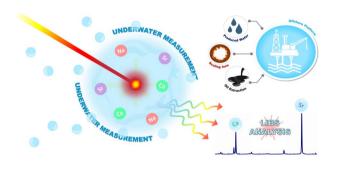


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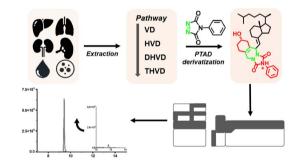
Nilvan A. Silva and Ivo M. Raimundo, Jr\*



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Determination of vitamin D metabolites in various biological samples through an improved chemical derivatization assisted liquid chromatographytandem mass spectrometry approach

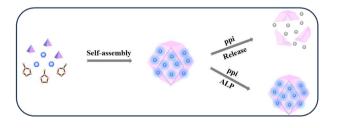
Qin-Feng Zhang, Hua-Ming Xiao, Na An, Quan-Fei Zhu\* and Yu-Qi Feng<sup>3</sup>



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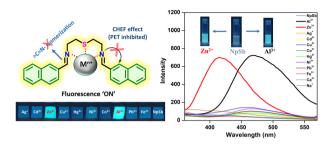
Capsulation of EBTAC into ZIF-8 for the development of a signal-on fluorescent biosensor to detect alkaline phosphatase

Shanshan Liu, Nian Wang, Li Li\* and Yi Liu\*



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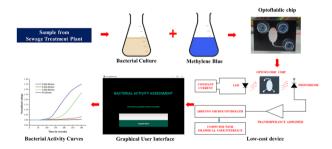
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# Turn-on detection of Al<sup>3+</sup> and Zn<sup>2+</sup> ions by a NSN donor probe: reversibility, logic gates and DFT calculations

Sudhanshu Naithani, Nidhi Goswami, Sain Singh, Vikas Yadav, Sanjay Kumar, Pramod Kumar, Amit Kumar,\* Tapas Goswami\* and Sushil Kumar\*

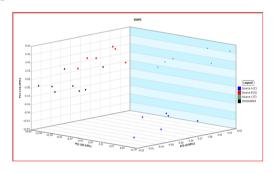
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## A low-cost optofluidic platform for the colorimetric assessment of bacterial activity in domestic wastewater

Prajal Chettri,\* Kalathur Mohan Ganesh, Sahashransu Satyajeet Mahapatra, A. S. Vishwanathan and Shailesh Srivastava

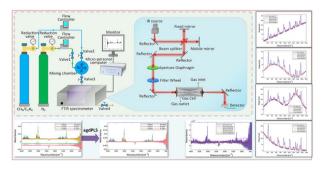
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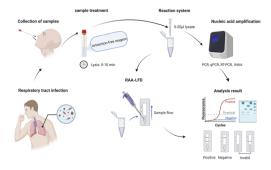
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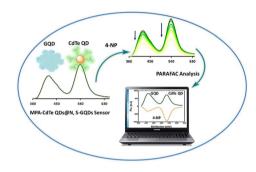
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Zahra Mamipour, Mohsen Kompany-Zareh\* and Ali Nematollahzadeh



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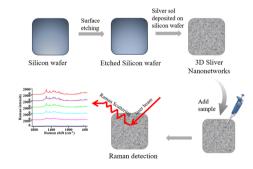
Joanna Kowalska, Alicja Drwal, Klaudia Tutaj, Lidiia Kovshun and Beata Krasnodębska-Ostręga\*



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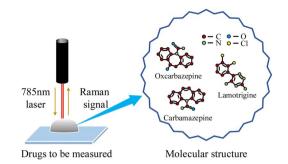
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Xinghu Fu,\* Xiqing Cao, Zizhen Fu, Zhexu Huang, Wa Jin, Guangwei Fu and Weihong Bi

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Avoiding some common mistakes in straight line regression. Part 1

Analytical Methods Committee, AMCTB No. 113