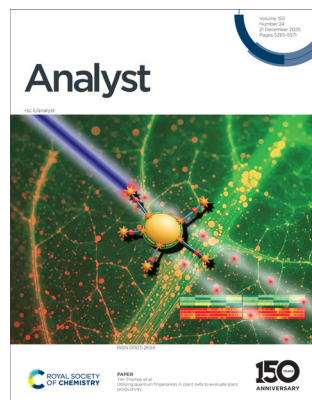


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See Tim Thomay *et al.*, pp. 5394–5402.

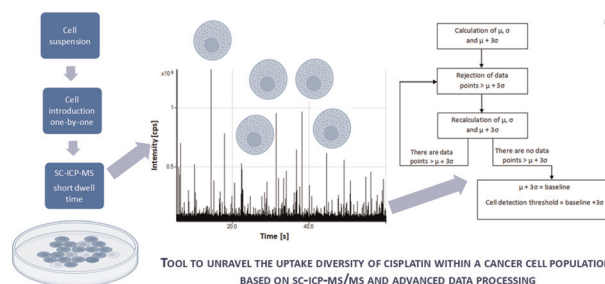
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COMMUNICATION

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Differentiation of cisplatin uptake within a population of cancer cells – how to “crack this nut” using single-cell ICP-MS

Zuzanna Szymańska, Magdalena Matczuk,* Agnieszka Żuchowska, Paweł Romańczuk, Andrei R. Timerbaev and Maciej Jarosz

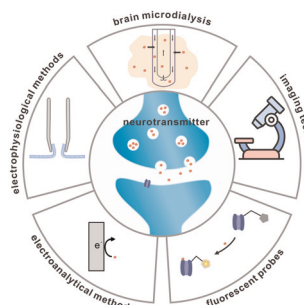


MINIREVIEW

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Research progress of technology for exocytosis detection in the nervous system

Fu-Li Zhang, Cheng-Bao Xu, Xiao-Ying Zhao, Shi-Yue Du and Jun-Ming Tang*



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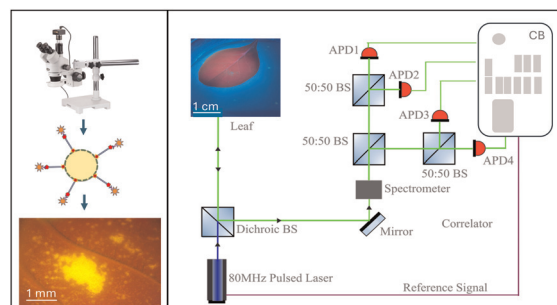
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Utilizing quantum fingerprints in plant cells to evaluate plant productivity

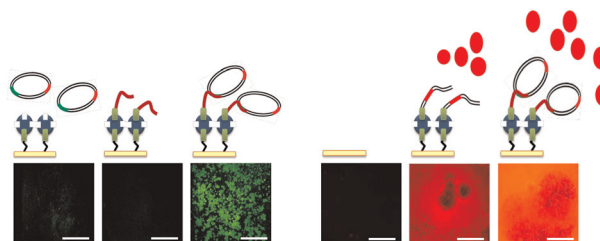
Umadini Ranasinghe, Abigail L. Stressinger, Guangpeng Xu, Yasmin Sarhan, Fred Harrington, James O. Berry and Tim Thomay*



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Enhanced protein synthesis from immobilized circular DNA via triple-helix formation

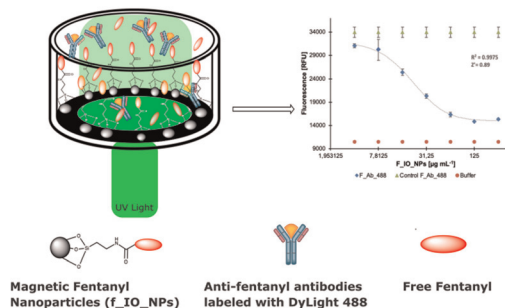
Shunsuke Takahashi,* Kazuki Hayashi, Jun Okada, Hibiki Takashima, Koko Nakata, Masahiko Oshige* and Shinji Katsura*



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Development of one-step magnetic assay for the detection of fentanyl

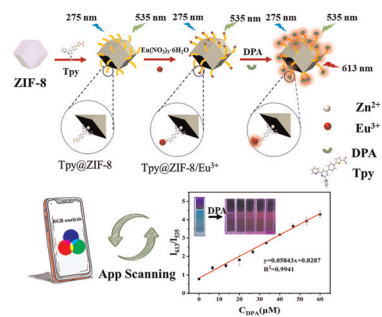
Fabiana Grillo, Elena Piletska, Ewa Moczko, César Cáceres and Sergey Piletsky*



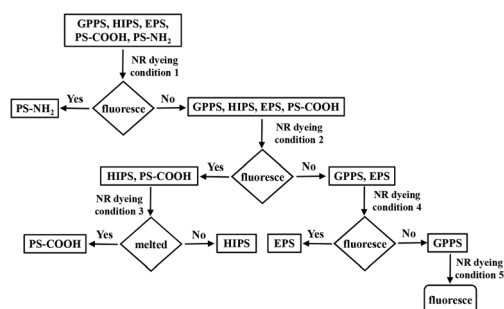
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Synergistic coordination-driven ratiometric fluorescence detection of the anthrax biomarker dipicolinic acid

Junrong Wu, Qian Zhang, Xiaofeng Zhou, Jiaojiao Zhang, Liangquan Sheng, Huajie Xu,* Fuying Hao and Zhaodi Liu*



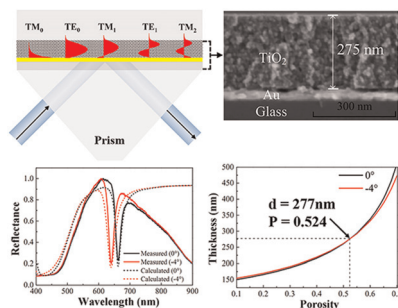
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Differentiation of different subtypes of polystyrene microplastics using Nile red

Xiaoyan Hu, Chenfei Duan, Qiaocheng Feng, Heng Lu and Liangqia Guo*

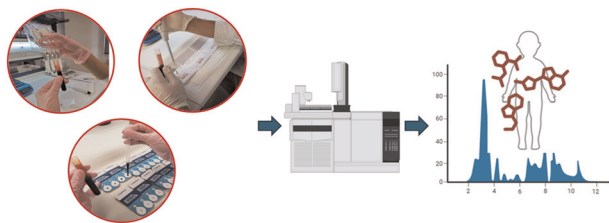
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Nondestructive multiparameter quantification of nanoporous films by broadband SPR/PWR spectroscopy

Ziwei Liu, Xiumei Wan, Hongyi Tang and Zhi-mei Qi*

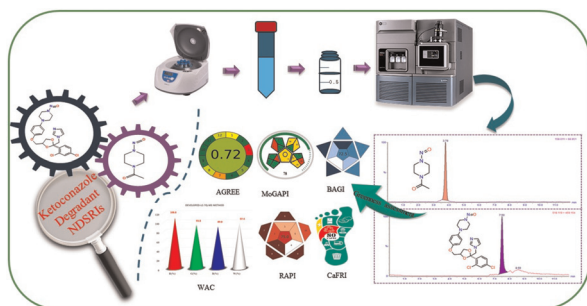
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Toward minimally invasive metabolomics: GC-MS metabolic fingerprints of dried blood microsamples in comparison to plasma

Daniel Marques de Sá e Silva, Marlene Thaitumu, Christina Virgiliou, Alexandra Tiganouria, Fernanda Rey-Stolle, Glykeria Avgerinou, Anatoli Petridou, Vasileios Mougios, Georgios Theodoridis and Helen Gika*

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A sustainable and novel LC-TQ-MS/MS method for quantifying mutagenic Ketoconazole-NDSRIs aligned with green and white analytical chemistry principles

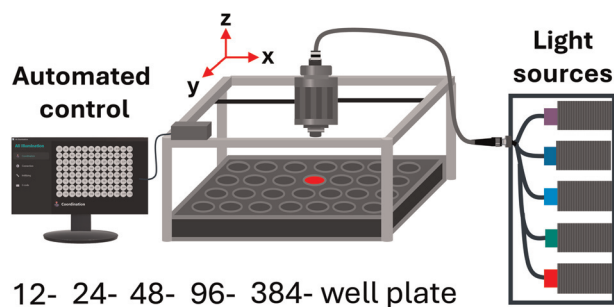
Srinivas Nakka, Vishnu Murthy Mariseti and Surendra Babu Manabolu Surya*



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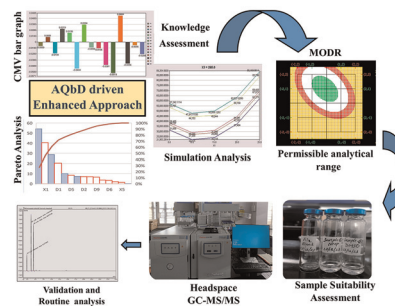
Ali Eftekhari,* Olga Lem, Alexander Efimov, Timo Laaksonen* and Nikita Durandin*



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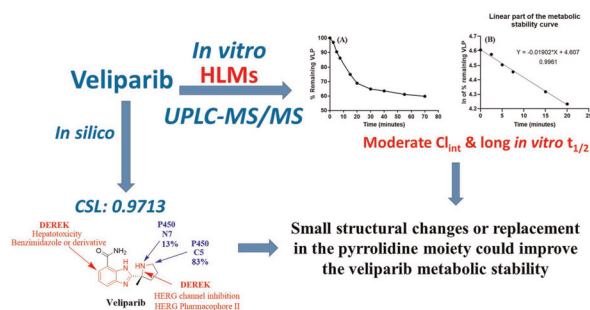
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Determination of veliparib metabolic stability in the human liver microsomes using a hydrophilic interaction UPLC-MS/MS quantitative method: greenness assessment with an *in silico* study for ADME, DEREK alarms and metabolic lability

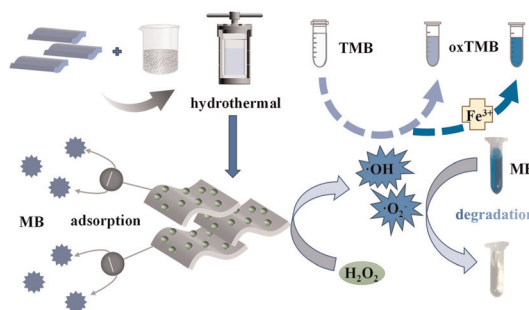
Mohamed W. Attwa,* Ali S. Abdelhameed, Haitham AlRabiah and Adnan A. Kadi



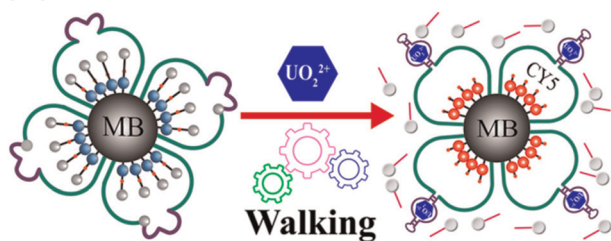
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V-Ti₃C₂ nanozyme with peroxidase-like activity for dye removal and the colorimetric detection of Fe³⁺

Feng Yang, Congying Ding, Zihui Chen, Guoqing Zhao, Lamei Zhou* and Wanqing Yue*



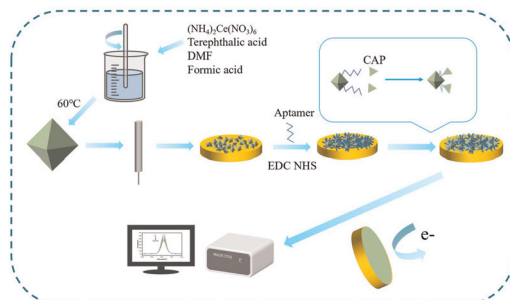
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An enzyme-free fluorescence biosensor for UO_2^{2+} detection using a four-leaf clover-shaped quadruple walker as a signal amplifier

Nan Hu,* Yimei Guo, Ying Zeng, Weichao Zhao, Dexin Ding, Jiafeng Pan* and Junhua Chen*

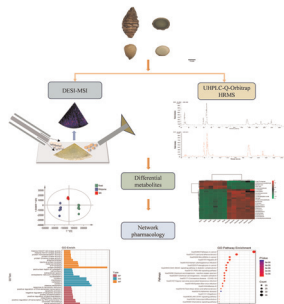
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Octahedral Ce-MOF as an electrochemical sensor for the detection of chloramphenicol

Yuting Luo, Yiwei Sun, Haoxiang Wang, Yuyang He, Ruoyu Wang, Mengqi Lu, Yingong Wang, Xinlong Yan and Dongpo Xu*

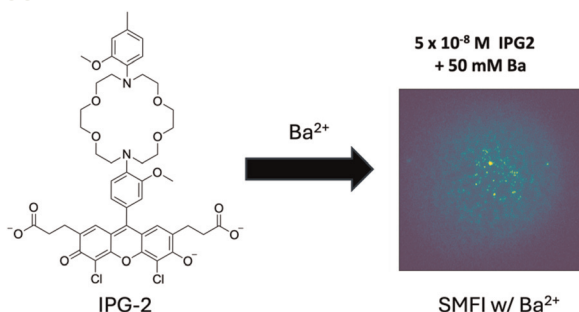
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Spatial distribution of differential metabolites in different parts of *Curcuma phaeocaulis* Val. using ultra-high-performance liquid chromatography-quadrupole Orbitrap high-resolution mass spectrometry and desorption electrospray ionization mass spectrometry imaging

Ying Zhu, Chuyue Wu, Qinwan Huang* and Jin Wang*

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Barium ion sensing with IPG K^+ molecular probes

F. W. Foss, Jr., B. J. P. Jones* et al.



CORRECTION

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Correction: Utilizing quantum fingerprints in plant cells to evaluate plant productivity

Umadini Ranasinghe, Abigail L. Stressinger, Guangpeng Xu, Yasmin Sarhan, Fred Harrington, James O. Berry* and Tim Thomay*

