

To facilitate antiviral drug discovery, we leveraged this trait and established a high-throughput split-green fluorescent protein (GFP) antiviral screening assay suitable for high-content ...

In this Account, we propose a structural descriptor strategy that for the first time maps the quantitative relationship between microstructural features and catalytic performances for metal ...

In this work, we proposed a novel and effective high-throughput screening method with less ab initio calculations for identifying full Heusler materials with ultralow  $\chi_L$  values, using lone pair ...

2025??15?,????????????????????Cell Reports Methods????????????"A fluorescent STING ligand sensor for high-throughput screening of compounds that can enhance tumor immunotherapy" ...

The life science group Sartorius launches the new iQue<sup>®</sup> 5 High-Throughput Screening (HTS) Cytometer, transforming workflows with next-level flexibility and comprehensive analysis at ...

In summary, we introduced an efficient, high-throughput PCa screening method with good specificity using LDI-MS. It correctly identified 87.3% of PCa patients in an external validation ...

A one-phase in vitro PDS enzyme activity assay is designed as a simple and efficient method, enabling the enhancement of substrate-enzyme interaction and the elimination of the adverse ...

High-throughput chemical genomics uses phenotypic profiling of strain libraries under defined chemical and environmental conditions to identify gene functions. This approach enables the ...

The process of direct screening, often referred to as high-throughput screening (HTS), begins with preparing a "library" of samples. This library is a collection of thousands to millions of chemical ...

This study leverages machine learning to perform high-throughput computational screening of n-hexane cracking initiators. Artificial neural networks are applied to predict the chemical ...

Sartorius has launched the iQue<sup>®</sup> 5 High-Throughput Screening Cytometer, designed for speed, flexibility and simplified operation. The platform features 27 channels, continuous 24-hour ...

Additionally, high-throughput screening is becoming a cornerstone of drug discovery, enabling faster and more cost-effective testing. Cell analyzers are also critical in clinical diagnostics for ...

High Throughput Screening to Identify Drugs that Ameliorate Secretory Granule Phenotypes in PWS

# High-throughput screening

iPSC-Derived Neurons Haowen Zhou, Deborah Pr#233;, Ashley Neil, Alex Wooten, and ...

This study utilizes the high-throughput screening advantages of machine learning to search for reagents with efficient decapsulation ability and analyze and classify the decapsulation ...

Herein, we reported a machine-learning (ML) framework that aims to realize high-throughput screening for both stability and activity of doped-RuO<sub>2</sub> acidic OER catalysts from monodoping ...

High-throughput screening (HTS) remains central to small molecule lead discovery, but increasing assay complexity challenges the screening of large compound libraries. While retrospective ...



# High-throughput screening

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