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1 High-Throughput Flow FFF Streamlines Direct EV Isolation from Plasma and Cell Media for Precision Liquid Biopsy

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2 PNA probes for Electrochemical miRNA Sensing for PoCT Cancer Diagnosis

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3 MARPLE: Modular Antibody Recognition via Proximity-triggered Linker Exchange

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4 Protein-Responsive CRISPR Assays

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5 Immune-induced antibody-DNA hybrid condensates

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6 Synthetic Gene Networks for Tunable Regulation of Enzyme-Inhibitor Complexes

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7 Programmable gene circuit cascades for biosensing applications

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8 A Novel Lateral Flow Biosensor for the Early Detection of Ovarian Cancer-Related microRNAs

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9 MAIGRET: a CRISPR-based immunoassay that employs antibody-induced cell-free transcription of CRISPR guide RNA strands

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10 nanoMIP for adenosine detection: a proof-of-concept for pseudo-immunoassay

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11 Solid-phase synthesis for novel designed like-DOTA chiral MRI contrast agents

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12 Productive C2-homologation events through carbenoids generation

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13 Early Drug Discovery vs. Target Validation of PCYOX1 in Cardiovascular Diseases

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14 Hit Expansion and Structure Optimization of Pyrimidine-based Primary Actives

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15 Total synthesis of Gnetin C: an innovative synthetic strategy starting from Trans-2,3-diaryloxiranes

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16 Development of multimodal, light-activated NO-based conjugates for triple-negative breast cancer treatment

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17 Levothyroxine respirable powders for the treatment of pulmonary fibrosis

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18 Laccase–Mediator System for Colonic Degradation of Unabsorbed Carbamazepine

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19 Conjugating M13 bacteriophage targeting folate receptor alpha with multiple photosensitizers: a flexible phototheranostic platform against platinum-resistant ovarian cancer

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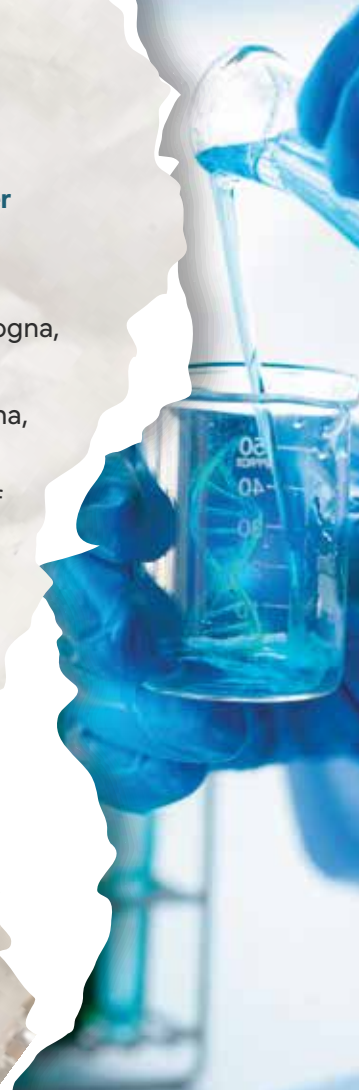
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20 Oxygenation, reprogramming and stem cell targeting: a therapeutic triad against triple negative breast cancer

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21 TNovel [^{99m}Tc][Tc(N)(PNP3OH)]-PSMA inhibitor with Enhanced Pharmacokinetics for Prostate Cancer Detection

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22 Chemically Triggered Thiol Release via a Bioresponsive Self-Immolative Spacer Based on Aza-Quinone Methide Reactivity.

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23 Imidazole-pyridine hybrids as potent anti-cancer agents

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24 Innovative fluorescent nanosystems for targeted cancer cell imaging and treatment

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25 Bio-H₂ production and CO₂ bio-mitigation in *Thermotoga neapolitana* and *Thermotoga sp.RQ7*

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26 Upconverting nanocrystals: unlocking diagnostic and therapeutic potential

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27 Role of self-aggregation on biological behavior of amphiphilic molecules: the case study of molecular adjuvants Sulfavants

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28 Identification of a novel class of small molecules for the treatment of TREM2-related neurodegenerative dysfunctions

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29 Chemical synthesis and bio-imaging application of a BODIPY-based analog of the TREM2-binding molecular adjuvant Sulfavant A

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30 From ADVISE Drug Discovery Platform to European Federation of National Academic Compound Collections (Eu-FNACC)

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31 Light-promoted enantioselective α -functionalization of aldehydes with nitrogen lactam-radicals

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32 Synthesis of C2-symmetric enantiopure bisphenol derivatives

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33 Light Promoted Activation Strategies for the Generation of N-oxazolidinone Radicals

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34 On the edge between Natural Product Research and Material Science: the project SANATEC

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35 Biological and Microbiological 2D-3D models validation trough LC-MS based Proteomics analysis

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36 Activity-based sensing platform for the monitoring of MUTYH DNA

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37 Triplex DNA Clamp Regulates Cas12a Activation for ssDNA and RNA Sensi

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38 Exploring the Neuroprotective Potential of the Nutraceutical Dehydrozingerone and Its Symmetric Dimer in a Drosophila Model of Parkinson's Disease

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39 Paper-based sensing of cinnamic ortho-diphenols in food samples using photoluminescent laser-induced aluminum nanostructures

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40 Paper-Based Graphenic Bioelectrode Enabling Third-Generation Fructose Dehydrogenase Sensing of Inulin

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41 Design and Synthesis of New Antivirals for Coronavirus Infections Targeting SARS-CoV-2 Mpro

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42 Electrochemical Immunosensor based on Microneedles Array for the Detection of Amyotrophic Lateral Sclerosis Biomarkers in Human Interstitial Skin Fluid

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