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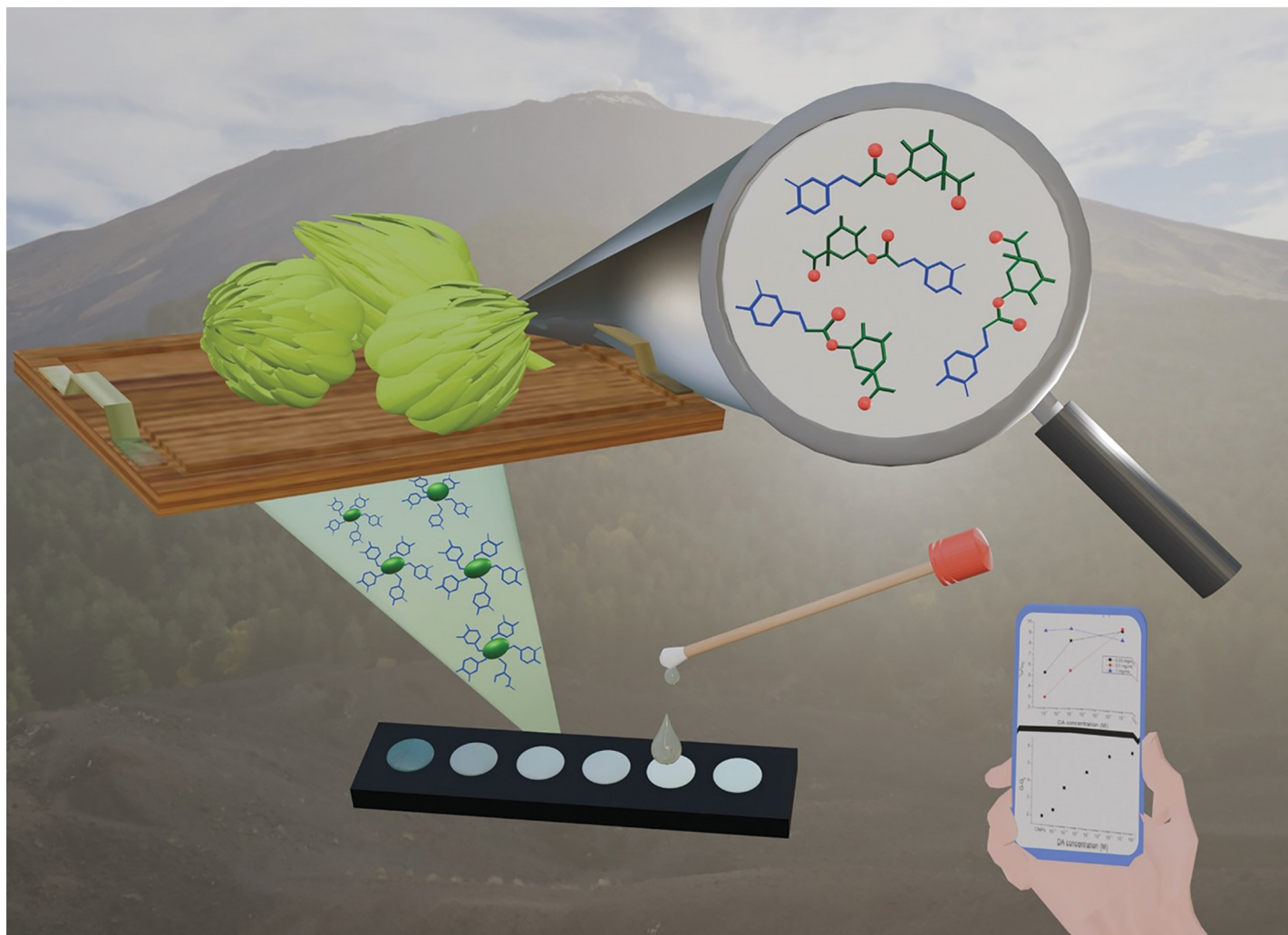
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Showcasing the dopamine sensing of artificial saliva by carbon nanoparticles, by the Laboratory of Supramolecular Organic Synthesis, Department of Chemical Sciences of the University of Catania, and BIONAP S.r.l.

Dopamine sensing by fluorescent carbon nanoparticles synthesized using artichoke extract

Carbon nanoparticles, synthesized from artichoke extract, containing polyphenolic groups on the external shell, are able to detect dopamine in artificial saliva with 100 pM limit of detection, using a commercial smartphone as detector.

As featured in:



See Giuseppe Trusso Sfrassetto *et al.*,
J. Mater. Chem. B, 2024, 12, 7826.