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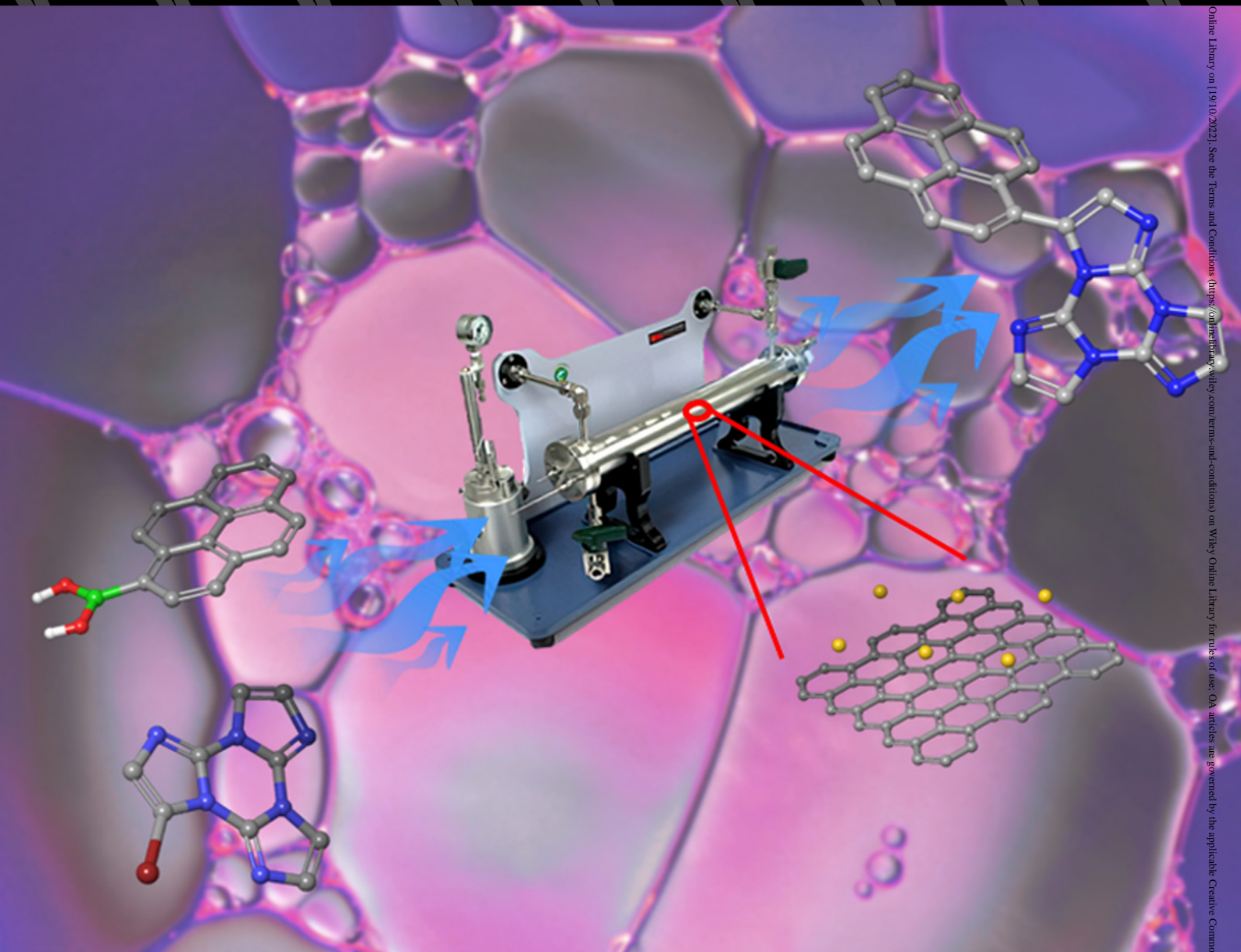
Cover Feature:

M. Pagliaro, C. Della Pina and R. Ciriminna

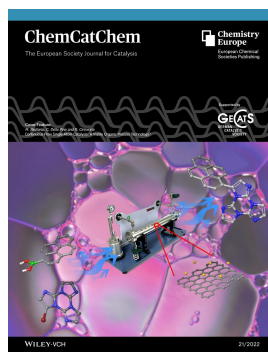
Continuous Flow Single-Atom Catalysis: A Viable Organic Process Technology?

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The Cover Feature shows a flow reactor employing a single-atom catalyst schematically represented. In their Perspective, M. Pagliaro, C. Della Pina and R. Ciriminna try to answer the question: “Is single-atom catalysis under continuous flow conditions a technically and economically viable organic process technology?” Early results actually suggest valuable insight *en route* to its industrial uptake in the production of fine and specialty chemicals. Reviewing selected examples of the first utilization of single-atom catalysts (SACs) under continuous-flow conditions, the authors provide evidence that SACs are not different from state-of-the-art supported metal nanoparticle catalysts in affording significantly higher TOFs than the same catalysts in batch reactor conversions. Furthermore, continuous flow conditions enhance the lot-to-lot consistency and dramatically lowers production time thus improving customer delivery. More information can be found in the Perspective by . Pagliaro, C. Della Pina and R. Ciriminna.



Dr. M. Pagliaro, Prof. C. Della Pina*,
Dr. R. Ciriminna*

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