

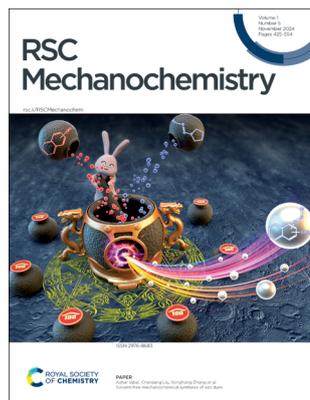
RSC Mechanochemistry

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See Azhar Iqbal, Chenjiang Liu, Yonghong Zhang *et al.*, pp. 447–451. Image reproduced by permission of Yonghong Zhang from *RSC Mechanochem.*, 2024, 1, 447.



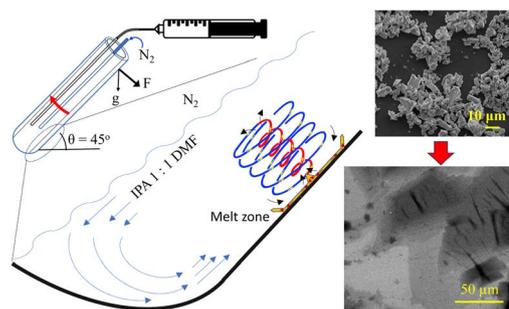
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COMMUNICATIONS

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Vortex mediated fabrication of 2D antimonene sheets from antimony powder

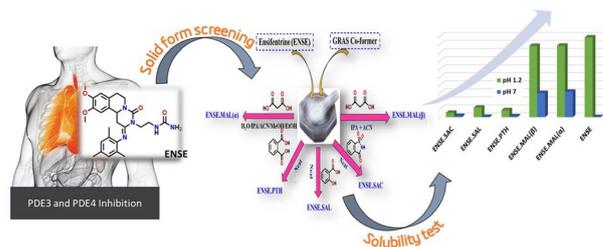
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Ananya Kar, Lopamudra Giri,* Gowtham Kenguva, Smruti Rekha Rout and Rambabu Dandela*



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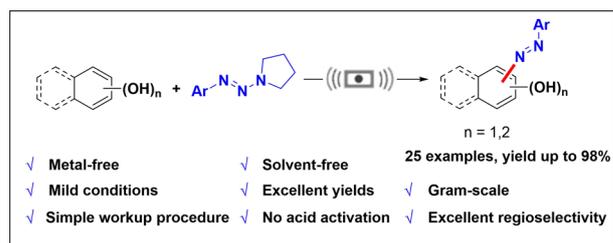
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Fundamental questions
Elemental answers

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Solvent-free mechanochemical synthesis of azo dyes

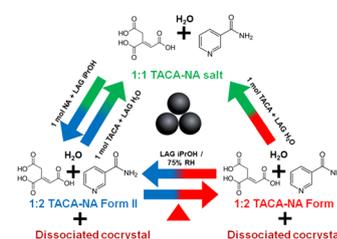
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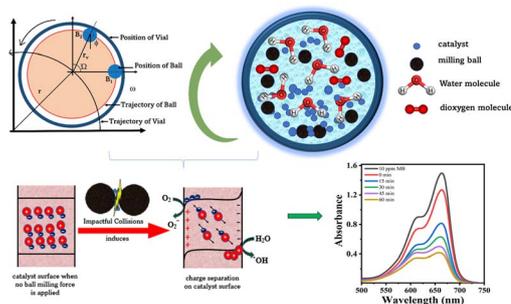
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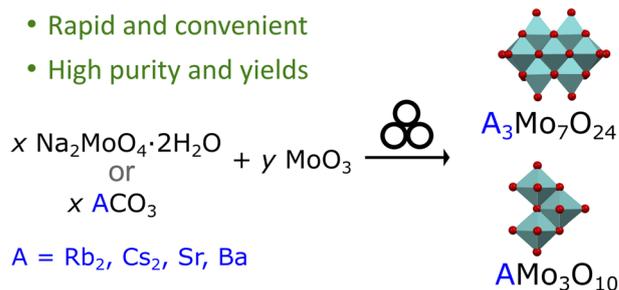
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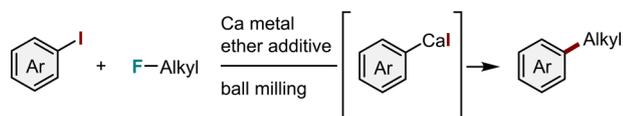
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Rapid and efficient mechanosynthesis of alkali and alkaline earth molybdates

Andres Lara-Contreras, Patrick Julien,* Jennifer Scott and Emily C. Corcoran*



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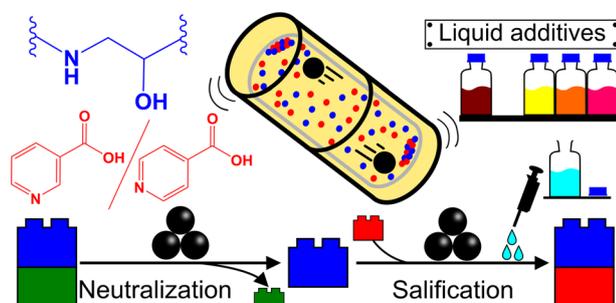
The first nucleophilic substitution of C(sp³)-F bond by organocalcium

via *in-situ* mechanochemically generated calcium-based aryl nucleophile

Direct arylation of alkyl fluorides using *in situ* mechanochemically generated calcium-based heavy Grignard reagents

Pan Gao, Julong Jiang, Yamato Fukuzawa, Satoshi Maeda, Koji Kubota* and Hajime Ito*

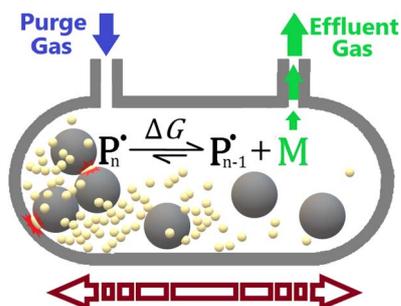
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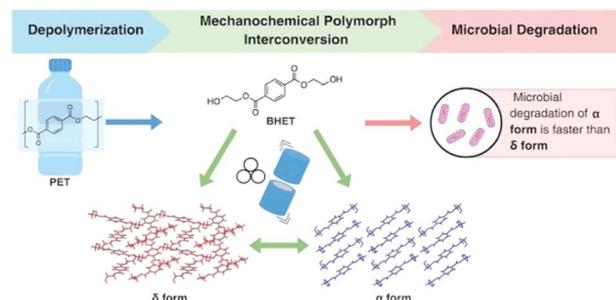
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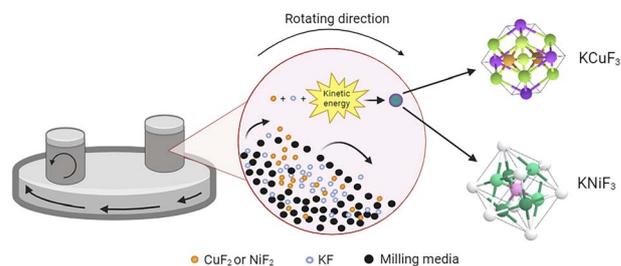
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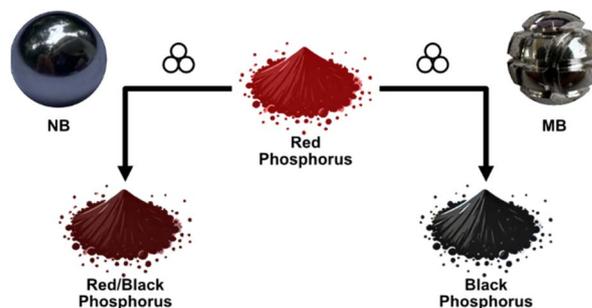
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Carlos Naranjo-Castañeda, Marco A. Leyva-Ramírez and Eusebio Juaristi*

