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Cover

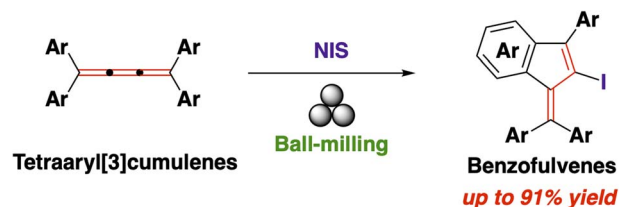
See Seong H. Kim *et al.*, pp. 328–341. Image reproduced by permission of Yu-Sheng Li and Seong H. Kim from *RSC Mechanochem.*, 2024, **1**, 328.

COMMUNICATIONS

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Mechanochemical transformation of tetraaryl[3]cumulenes to benzofulvenes via electrophilic iodocyclization

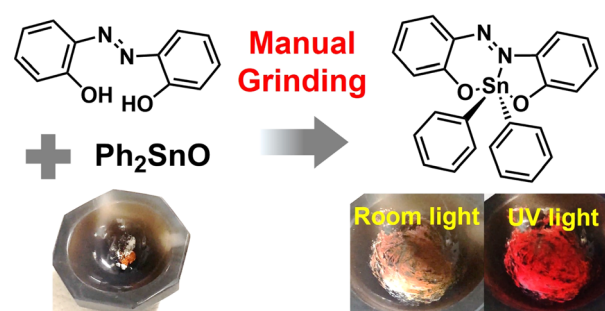
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Masayuki Gon, Taichi Kato, Kazuya Tanimura, Chiaki Hotta and Kazuo Tanaka*



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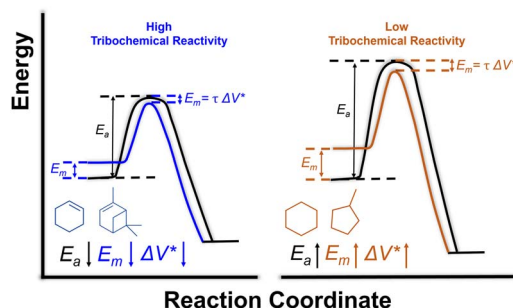
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**Fundamental questions
Elemental answers**

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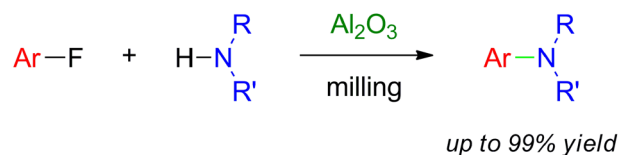
Yu-Sheng Li, Fakhurul H. Bhuiyan, Jongcheol Lee, Ashlie Martini and Seong H. Kim*



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Al₂O₃ promoted mechanochemical nucleophilic aromatic substitution

Luca Vaghi,* Eva Palomba and Antonio Papagni



- No base
- Solventless crude recovery
- Solvent-free
- Easy and fast purification

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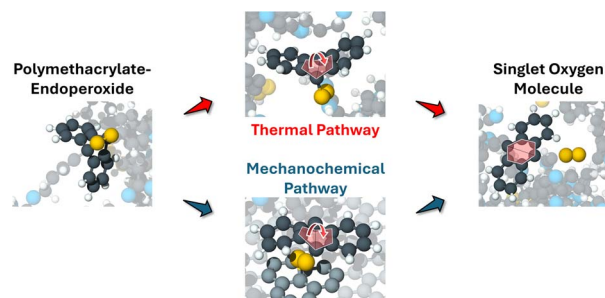
David Geiß, Oleksandr Dolotko, Sylvio Indris, Christian Neemann, Andrei Bologa, Thomas Bergfeldt, Michael Knapp and Helmut Ehrenberg



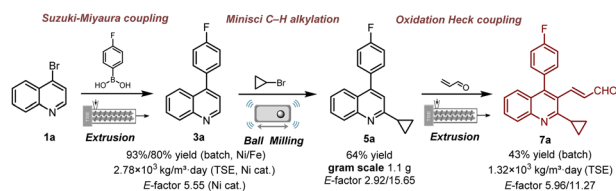
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Atomistic simulations of mechanically activated reactions for oxygen release from polymers

José Cobeña-Reyes, Fakhurul H. Bhuiyan and Ashlie Martini*



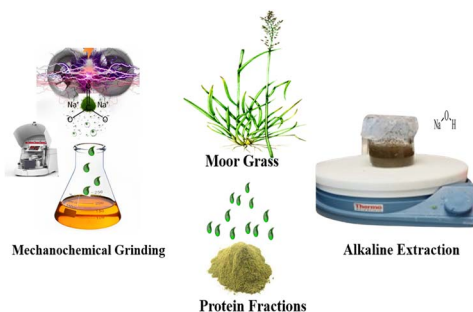
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Total mechano-synthesis of 2-cyclopropyl-4-(4-fluorophenyl)quinoline-3-acrylaldehyde—a pivotal intermediate of pitavastatin

Jingbo Yu,^{*} Yanhua Zhang, Zehao Zheng and Weike Su^{*}

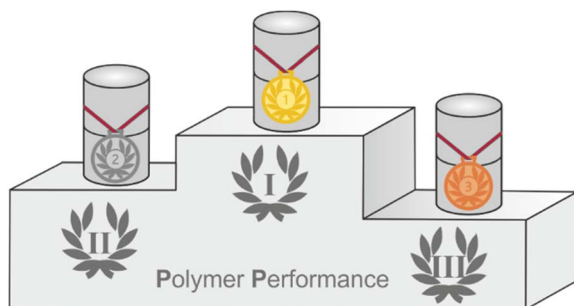
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Mechanochemical extraction of edible proteins from moor grass

Olusegun Abayomi Olalere, Fatma Guler, Christopher J. Chuck, Hannah S. Leese and Bernardo Castro-Dominguez^{*}

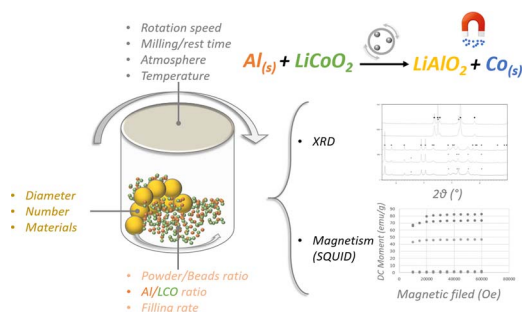
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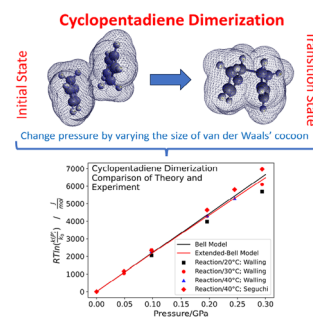
Advancing sustainable practices in Li-ion battery cathode material recycling: mechanochemical optimisation for magnetic cobalt recovery

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Nicholas Hopper, François Sidoroff, Juliette Cayer-Barrioz, Denis Mazuyer, Bo Chen and Wilfred T. Tysoe*



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Aabiskar Bhusal,* Kapil Adhikari and Qian Sun

