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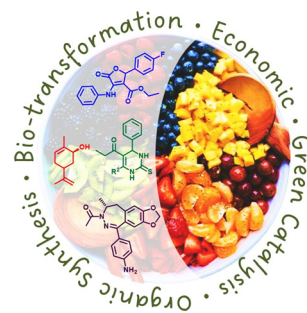
See Michele Burford,
Nam-Trung Nguyen *et al.*,
pp. 2710–2716.
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React. Chem. Eng., 2023, 8, 2710.

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From traditional to greener alternatives: potential of plant resources as a biotransformation tool in organic synthesis

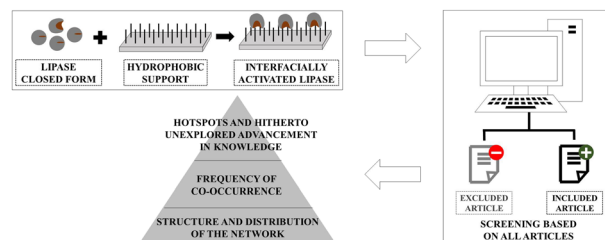
Vinay Kumar, Rituparna Saha, Satyaki Chatterjee*
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Laiane Antunes Lopes, Ángel Berenguer-Murcia,
Roberto Fernandez-Lafuente* and Paulo Waldir Tardioli*



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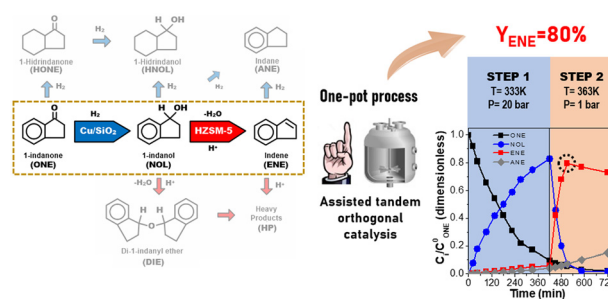


COMMUNICATION

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Synthesis of indene in the liquid phase by a one-pot process using orthogonal tandem catalysis

Nicolás M. Bertero,* Carlos R. Apesteguía and Alberto J. Marchi

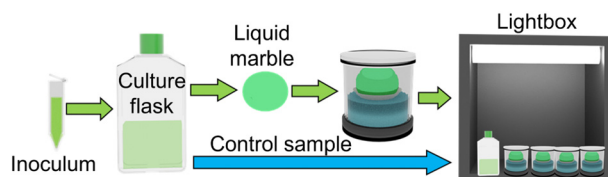


PAPERS

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Liquid marble – a high-yield micro-photobioreactor platform

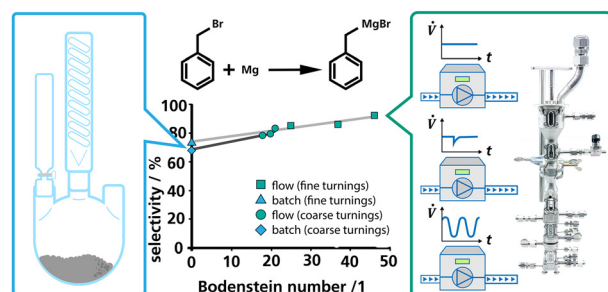
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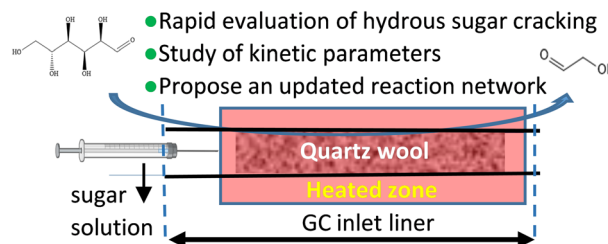
Eva Deitmann, Michael Maskos, Gabriele Menges-Flanagan* and Dirk Ziegenbalg*



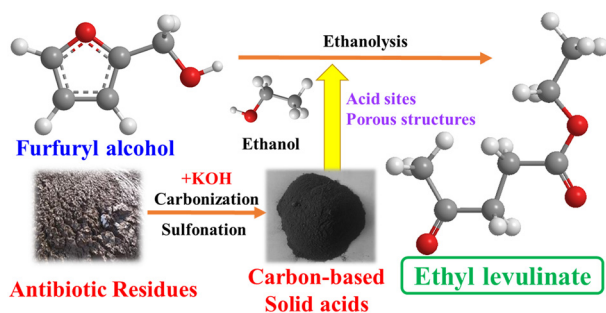
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Hydrous pyrolysis of glucose using a rapid pulsed reaction technique

Hamed Baniamerian, Martin Høj, Matthias Josef Beier and Anker Degn Jensen*



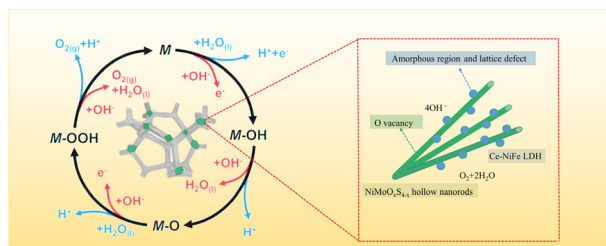
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Antibiotic residue derived solid acids for ethanolysis of furfuryl alcohol into ethyl levulinate

Haoran Yuan, Chengyu Li, Rui Shan, Jun Zhang* and Yong Chen

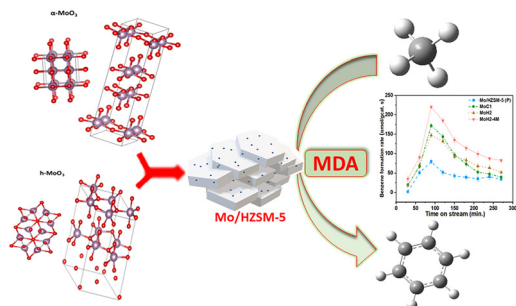
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Ce-doped NiFe layered double hydroxide coated NiMoO_xS_{4-x} compounds: an efficient OER catalyst in alkaline solution

Nu Wang, Xinyue Wang, Yan Shan,* Jia Liu, Jian Zhang, Kezheng Chen and Xuegang Yu*

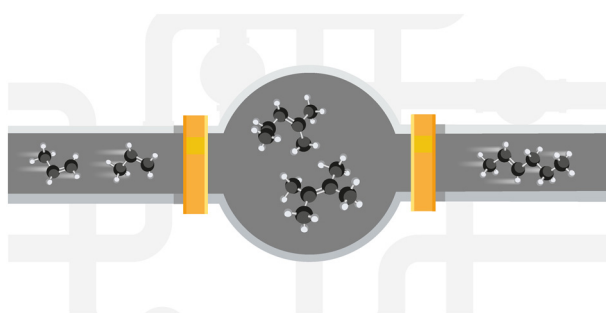
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Microwave-assisted impregnation of highly dispersed Mo over HZSM-5 using various Mo precursors for methane dehydroaromatization

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Nibras Hijazi and Jorge Gascon*

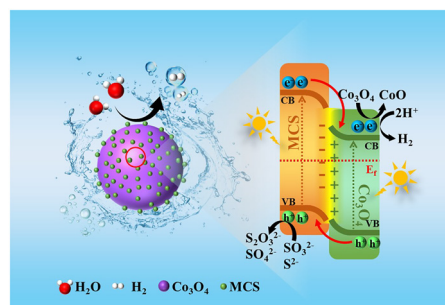


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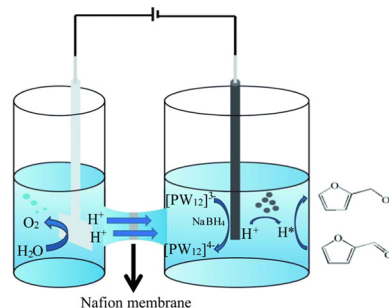
Xiaowei Wang, Zhimeng Wang, Lishuang Cui and Lei Shi*



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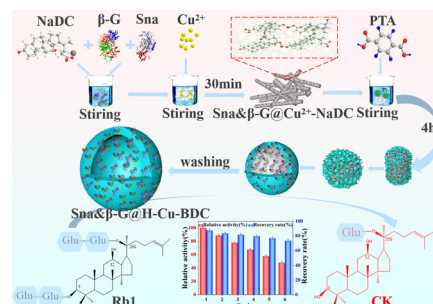
Liangli Li, Mingzhu Yang, Long Cheng, Jingjing Shi, Jinsheng Gou* and Junming Xu*



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Construction of a hollow MOF with high sedimentation performance and co-immobilization of multiple-enzymes for preparing rare ginsenoside CK

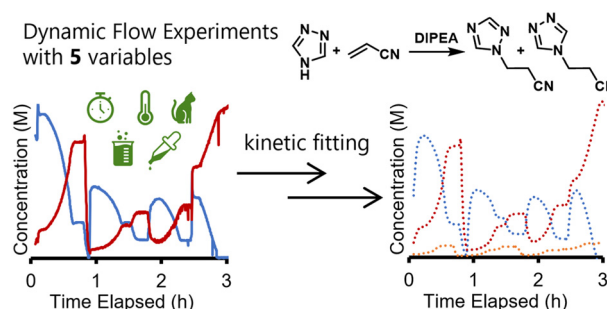
Shanshan Cao, Runze Li, Fei Tian,* Xiaochen Liu, Daidi Fan and Zhansheng Wu*



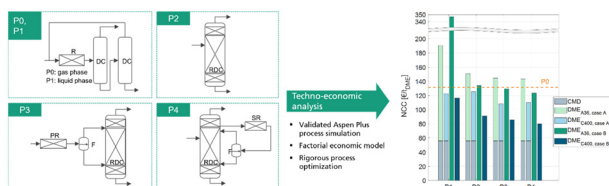
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Accelerating reaction modeling using dynamic flow experiments, part 1: design space exploration

Peter Sagmeister, Christine Schiller, Peter Weiss, Klara Silber, Sebastian Knoll, Martin Horn, Christopher A. Hone, Jason D. Williams* and C. Oliver Kappe*



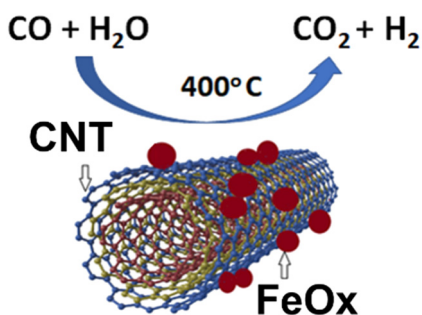
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Optimized design and techno-economic analysis of novel DME production processes

Malte Semmel, Maximilian Kerschbaum, Benedikt Steinbach, Jörg Sauer and Ouda Salem*

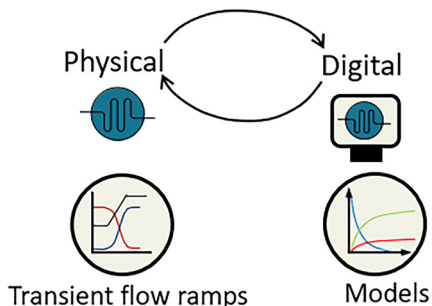
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Iron oxide nanoparticles supported on carbon nanotubes: an efficient catalyst for water-gas shift reaction

I. B. Bychko,* G. R. Kosmambetova, Ye. Yu. Kalishyn, V. O. Khavrus, V. I. Gritsenko and P. E. Strizhak

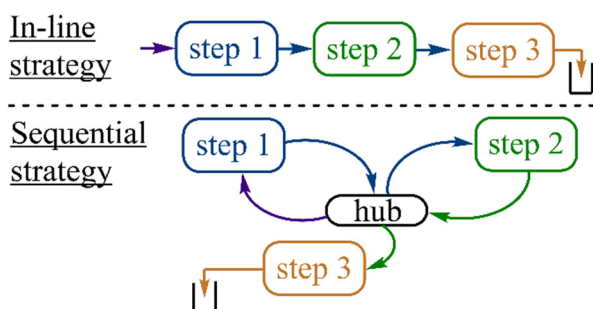
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Accelerating reaction modeling using dynamic flow experiments, part 2: development of a digital twin

Klara Silber, Peter Sagmeister, Christine Schiller, Jason D. Williams, Christopher A. Hone* and C. Oliver Kappe*

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An innovative sequential flow platform for automated multi-step chemical processes – proof of concept with the separation of amine/alkene model mixtures

Maël Arveiler, Stephanie Ognier, Olivier Venier, Laurent Schio and Michael Tatoulian*

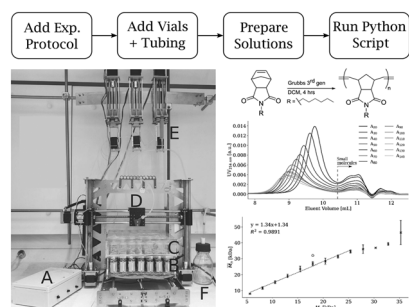


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A modular low-cost automated synthesis machine demonstrated by ring-opening metathesis polymerization

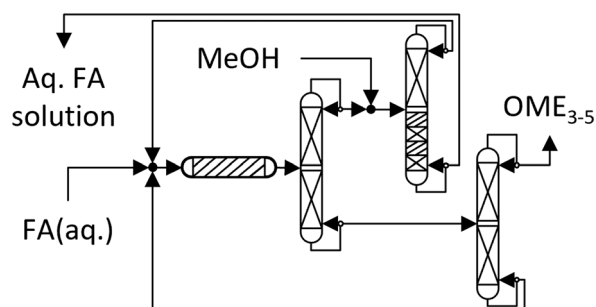
Jakob Rørbæk Saugbjerg, Thorbjørn Bøgh Jensen, Mogens Hinge and Martin Lahn Henriksen*



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A novel process towards the industrial realization of large-scale oxymethylene dimethyl ether production – COMET

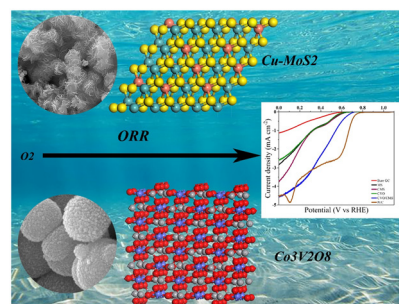
Franz Mantei, Christian Schwarz, Ali Elwalily, Florian Fuchs, Andrew Pounder, Hendrik Stein, Matthias Kraume and Ouda Salem*



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Electrocatalytic effect of Co₃V₂O₈ nanospheres loaded on Cu-doped MoS₂ nanosheets toward enhanced oxygen reduction reaction

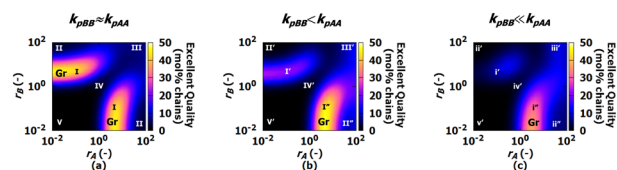
Nasrin Moradbeigi*, Ali Bahari* and Shahram Ghasemi

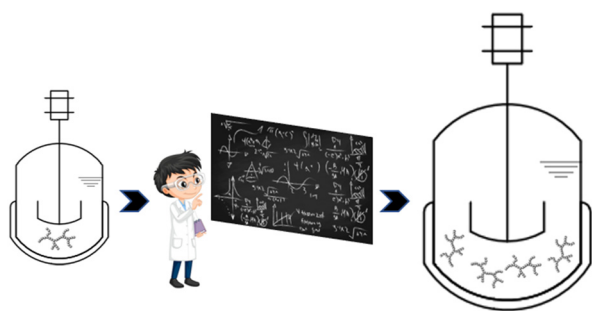


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Multi-angle evaluation of kinetic Monte-Carlo simulations as tool to evaluate the distributed monomer composition in gradient copolymer synthesis

Robert Conka, Yoshi W. Marien, Paul H. M. Van Steenberge, Richard Hoogenboom* and Dagmar R. D'hooge*





Scale up of reactor recipes for bimodal high-density polyethylene production in cascade process

Adriano G. Fisch*

