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See Kalina Peneva,
Dirk Ziegenbalg *et al.*,
pp. 2967–2983.

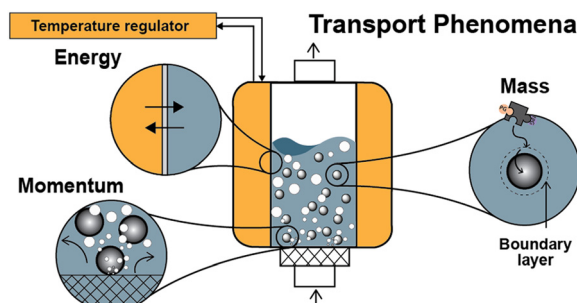
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Chem. Eng., 2023, 8, 2967.

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Transport phenomena in solid phase synthesis supported by cross-linked polymer beads

Sebastián Pinzón-López, Mathias Kraume,
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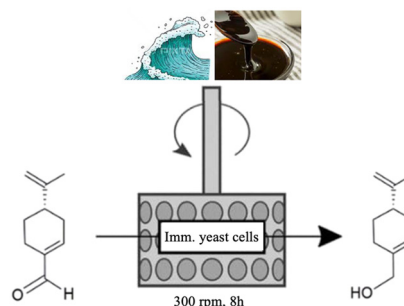


COMMUNICATION

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Boosting the catalytic performance of a marine yeast in a SpinChem® reactor for the synthesis of perillyl alcohol

Silvia Donzella, Concetta Compagno, Francesco Molinari,
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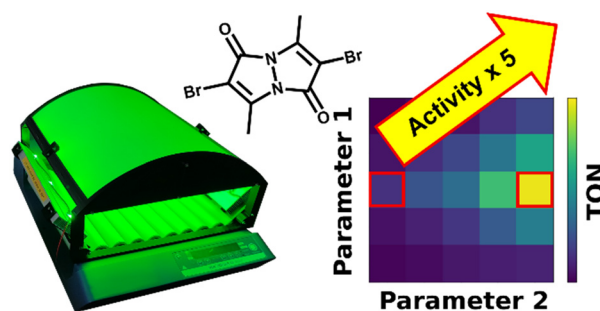


PAPERS

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Making photocatalysts screenable – a milliscale multi-batch screening photoreactor as extension for the modular photoreactor

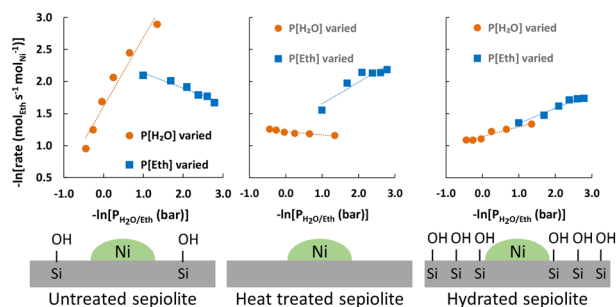
Daniel Kowalczyk, Gergely Knorr, Kalina Peneva* and Dirk Ziegenbalg*



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Investigation of support effects during ethanol steam reforming over a Ni/sepiolite catalyst

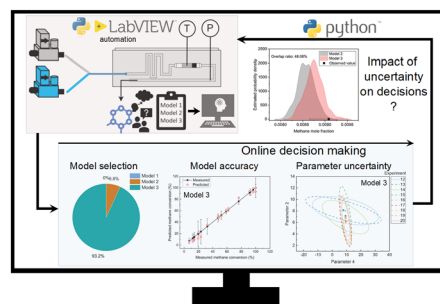
Marinela D. Zhurka, James A. Anderson, Alan J. McCue, Angeliki A. Lemonidou and Panagiotis N. Kechagiopoulos*



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Autonomous kinetic model identification using optimal experimental design and retrospective data analysis: methane complete oxidation as a case study

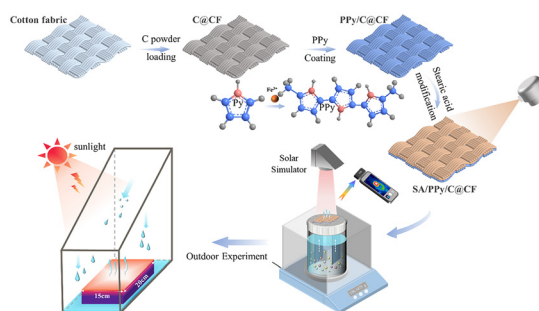
Arun Pankajakshan, Solomon Gajere Bawa, Asterios Gavrilidis* and Federico Galvanin*



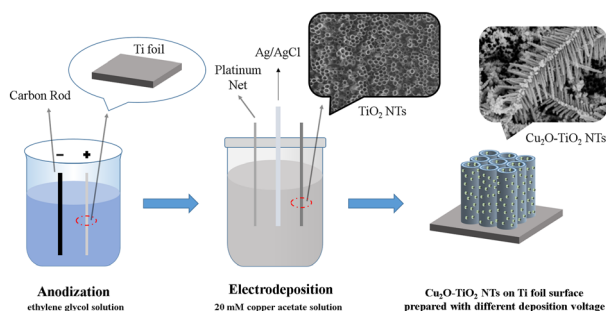
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Zhi-Jie Zhang, Zhi-Bo Zhang, Jun Zeng, Shan Ma, Min Chen, Dan Zhou, Yong Yan, Zhi Chen,* Cong-Ming Tang and Jun-Qiang Xu



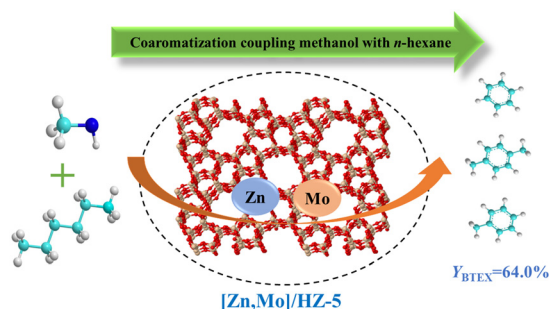
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Fabrication of Cu₂O-loaded TiO₂ nanotubes with heterojunctions *via* an electrochemical method: enhanced photocatalytic activity

Peng Qiao, Xueqin Wang,* Jiangling Liu, Yanxiu Liu,* Man Dai, Rui Piao, Ying Liu, Wenyi Wang, Yuanyuan Wang and Hua Song

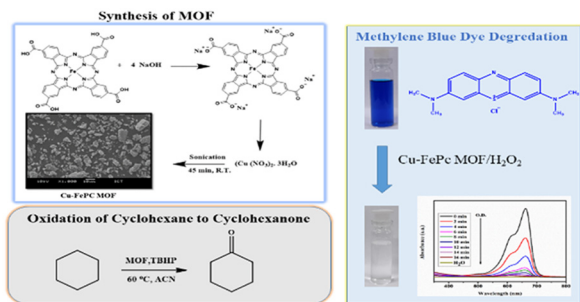
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Influence of Mo modification on coaromatization coupling methanol with *n*-hexane over [Zn,Mo]/HZSM-5 catalysts

Bing Zhu, Haibo Li, Xue Wang, Subing Fan,* Junmin Lv and Tian-sheng Zhao*

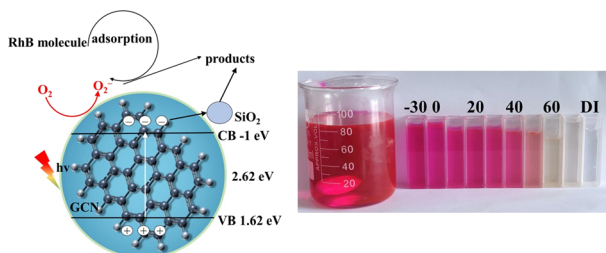
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Green synthesis of the copper and iron phthalocyanine-based metal-organic framework as an efficient catalyst for methylene blue dye degradation and oxidation of cyclohexane

Rupali S. Bhise, Yogesh A. Patil and Ganapati S. Shankarling*

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Efficient photocatalytic degradation of ultra-high concentration printing and dyeing wastewater using a SiO₂/GCN nanocomposite

Jinyuan Zhu, Yingying Zhu,* Yifan Zhou, Chaoran Li, Geng Chen and Xinbao Li

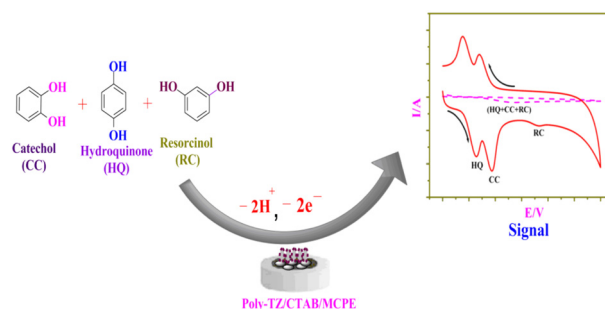


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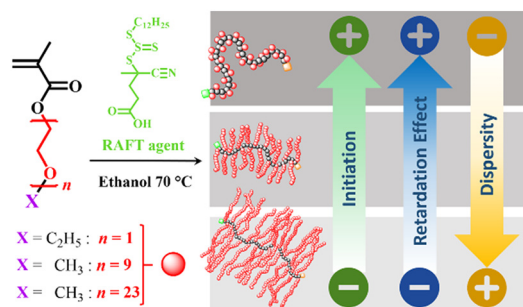
Amit B. Teradale, Kailash S. Chadchan, Pattan-Siddappa Ganesh, Swastika N. Das* and Eno E. Ebenso



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PEGMA with short and long side chains: what is the effect in the formation of stars and brushes by RAFT polymerization?

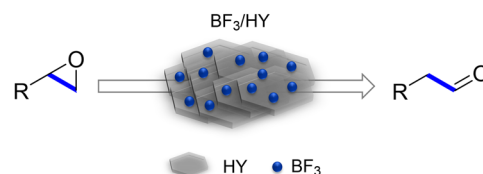
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BF₃/HY as a microporous solid acid catalyst for regioselective ring-opening of epoxides

Yi-Xuan Yao, Hong-Wei Zhang, Chang-Bo Lu, Xue Wang, Shi-Dong Zhao, Hong-Yan Shang* and Yuan-Yu Tian*

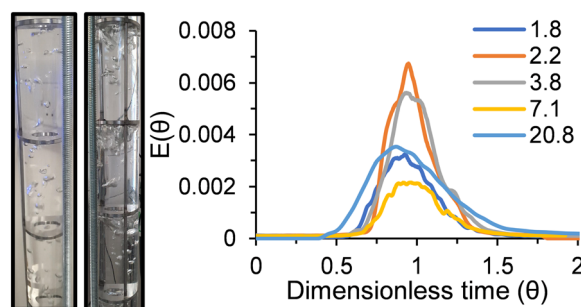


- ✓ microporous solid acid catalyst
- ✓ recyclability and stability
- ✓ high selectivity for aldehydes
- ✓ 25 examples up to 99% yield

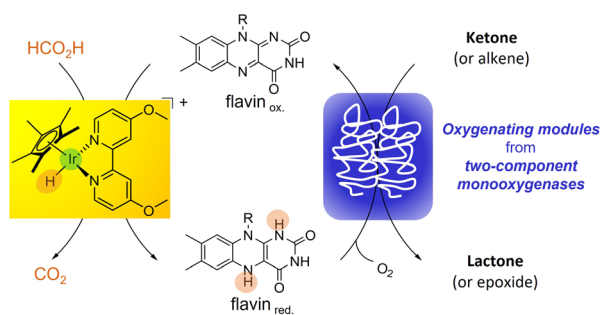
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Characterising flow with continuous aeration in an oscillatory baffle flow reactor using residence time distribution

Rylan Cox,* Konstantinos Salonitis, Susan A. Impey and Evgeny Rebrov



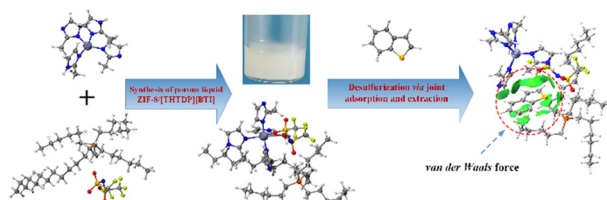
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Robert Röllig,* Caroline E. Paul, Pierre Rousselot-Pailley, Selin Kara* and Véronique Alphand*

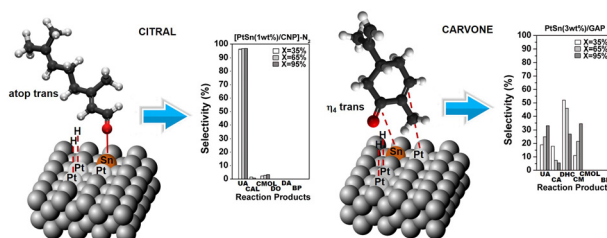
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Desulfurization of diesel via joint adsorption and extraction using a porous liquid derived from ZIF-8 and a phosphonium-type ionic liquid

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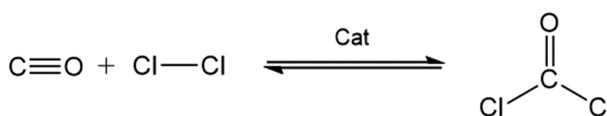
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Gustavo Enrique Ramos Montero,* Julieta Paola Stassi, Sergio Rubén de Miguel and Patricia Daniela Zgolicz

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Operational parameters relevant to the examination of phosgene synthesis catalysis

Rory Hughes, Giovanni E. Rossi and David Lennon*

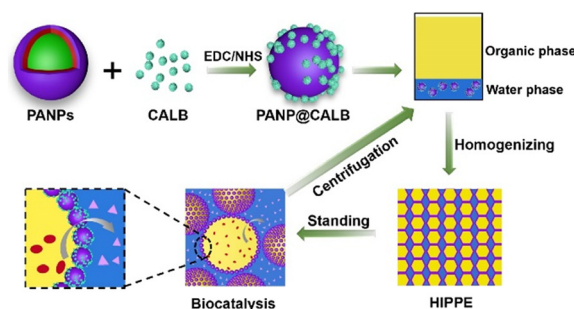


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Enzyme-modified amphiphilic polymer nanoparticles as high-performance Pickering interface biocatalysts

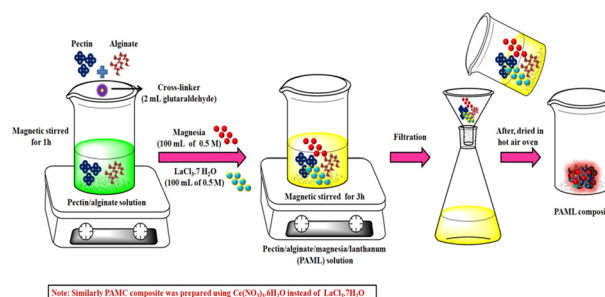
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Micro-encapsulation of rare earth metal ion-doped magnesia-based alginate/pectin hybrid polymeric composites for defluoridation of water

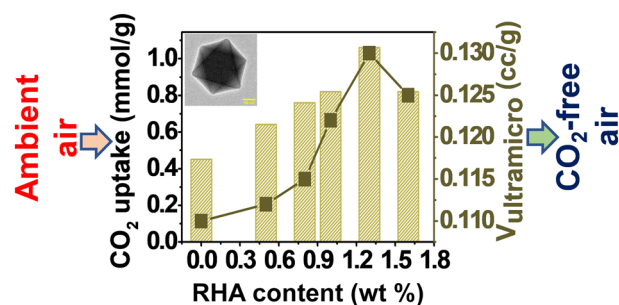
Antony Samy Jeyaseelan, Natrayasamy Viswanathan,* Ilango Aswin Kumar and Mohammad Rafe Hatshan



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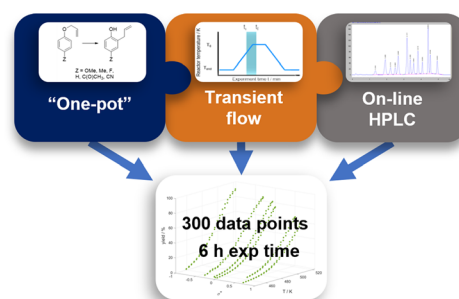
Vaishnavi Kulkarni and Sanjay Kumar Singh*



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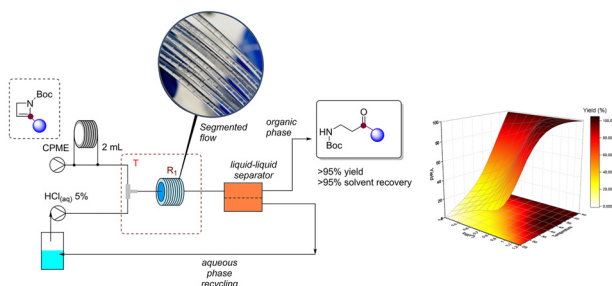
An efficient multiparameter method for the collection of chemical reaction data via 'one-pot' transient flow

Linden Schrecker, Joachim Dickhaut, Christian Holtze, Philipp Staehle, Andy Wieja, Klaus Hellgardt and King Kuok (Mimi) Hii*



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Sustainable continuous flow synthesis of β -aminocarbonyls *via* acid-catalyzed hydration of *N*-Boc-2-azetines

Michael Andresini, Marco Colella, Roberta Savina Dibenedetto, Elena Graziano, Giuseppe Romanazzi, Andrea Aramini, Leonardo Degennaro* and Renzo Luisi*

CORRECTION

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Correction: Investigation of support effects during ethanol steam reforming over a Ni/sepiolite catalyst

Marinela D. Zhurka, James A. Anderson, Alan J. McCue, Angeliki A. Lemonidou and Panagiotis N. Kechagiopoulos*

