

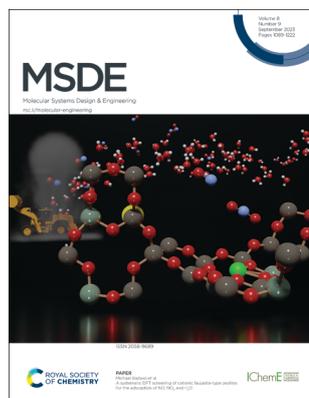
MSDE

Molecular Systems Design & Engineering rsc.li/molecular-engineering

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ISSN 2058-9689 CODEN MSDEBG 8(9) 1089-1222 (2023)



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See Michael Badawi *et al.*,
pp. 1165–1181.
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EDITORIAL

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New Editor-in-Chief and Deputy Editor-in-Chief for MSDE: reflections and vision

Claire S. Adjiman* and Andrew L. Ferguson*

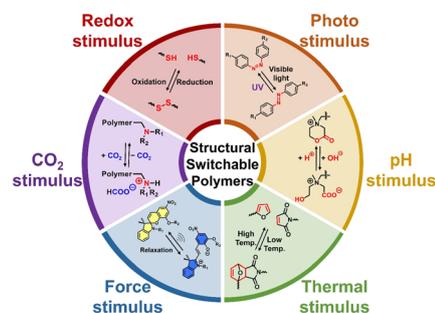


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Nayli Erdeanna Surat'man, Yee Lin Tan, Hongfei Liu,
Pei Wang, Beng Hoon Tan, Jian Wei Xu,* Xian Jun Loh*
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MSDE (electronic: ISSN 2058-9689) is published 12 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK

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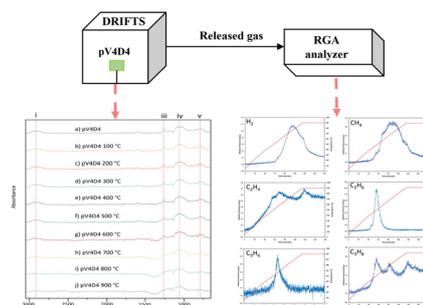
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Time-resolved *operando* analysis of the pyrolysis of a PECVD-deposited siloxane polymer using a combined DRIFTS–MS system

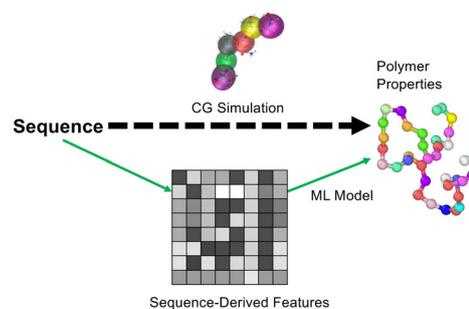
Bryan Nguyen, Farnaz Tabarkhoon, Linghao Zhao, Ankit Mishra, Malancha Gupta, Priya Vashishta and Theodore Tsotsis*



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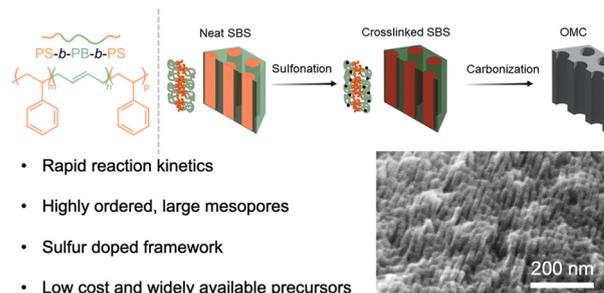
Tzu-Hsuan Chao, Shiv Rekhi, Jeetain Mittal and Daniel P. Tabor*



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Precursor design for efficient synthesis of large-pore, sulfur-doped ordered mesoporous carbon through direct pyrolysis

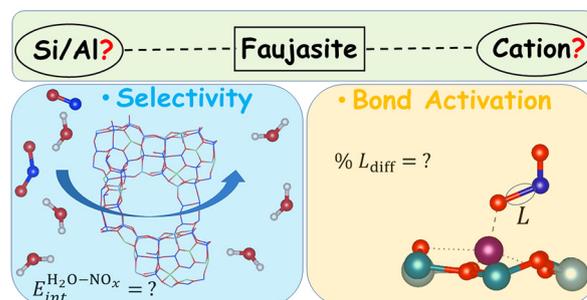
Mark Robertson, Anthony Griffin, Alejandro Guillen Obando, Andrew Barbour, Ryan Davis and Zhe Qiang*



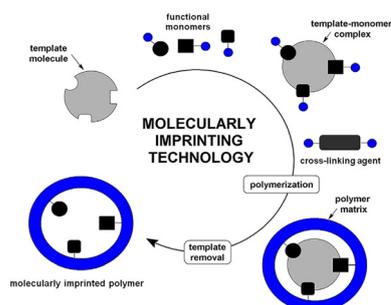
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A systematic DFT screening of cationic faujasite-type zeolites for the adsorption of NO, NO₂ and H₂O

Ioannis Karamanis, Ayoub Daouli, Hubert Monnier, Marie-Antoinette Dziurla, Guillaume Maurin and Michael Badawi*



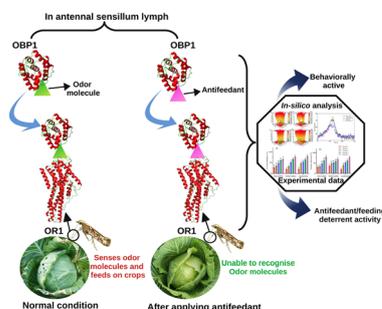
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Theoretical design of molecularly imprinted polypyrrole biosensor for the detection of renal failure biomarkers

Elham Rajaei, Mohammad Izadyar* and Mohammad Reza Housaindokht

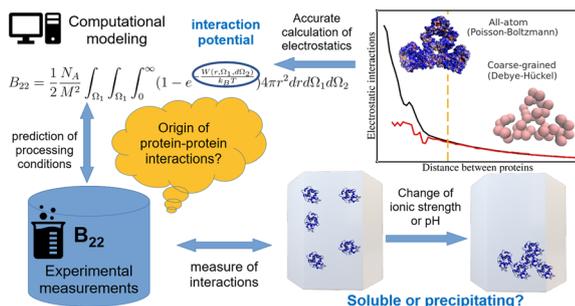
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Rahul Singh, Vijay Kumar Bhardwaj, Shudh Kirti Dolma, Sandeep Kumar, S. G. Eswara Reddy* and Rituraj Purohit*

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Accurate calculation of second osmotic virial coefficients of proteins using mixed Poisson-Boltzmann and extended DLVO theory

Srdjan Pusara, Wolfgang Wenzel and Mariana Kozłowska*

