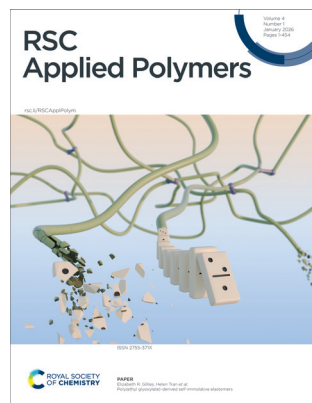


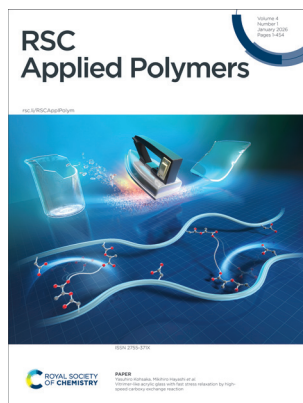
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See Elizabeth R. Gillies, Helen Tran *et al.*, pp. 205–210.

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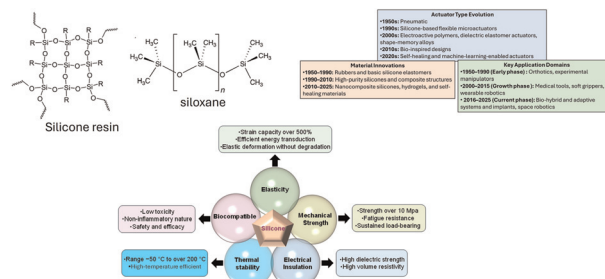
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Chinmoy Kuila, Animesh Maji, Naresh Chandra Murmu and Tapas Kuila*



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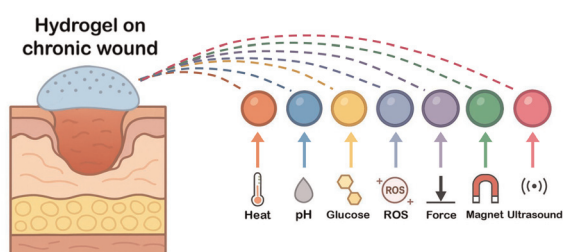
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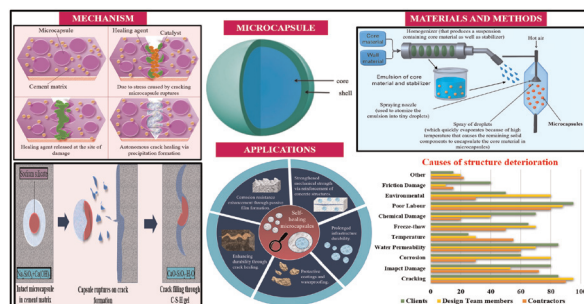
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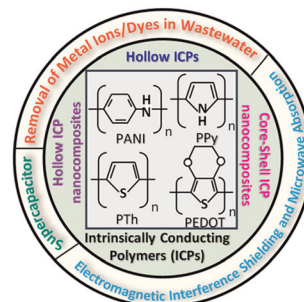
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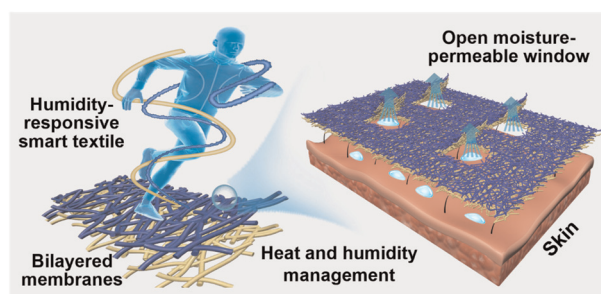


COMMUNICATION

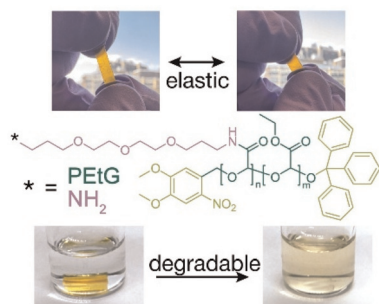
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Humidity-driven bilayered composite nanofiber textile actuators for smart heat and humidity management

Xi Yu, Qiang Zhou, Yingxin Zhao, Guiying Xu, Peimin Shen, Yang Wang,* Chi-wai Kan,* Hui Yu, Lihuan Wang, Jianhua Yan and Xianfeng Wang



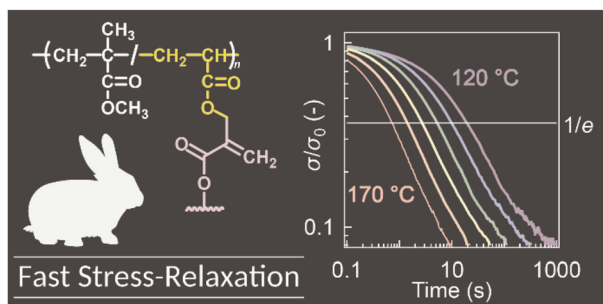
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Poly(ethyl glyoxylate)-derived self-immolative elastomers

Anna L. Watson, Chuanfeng Li, Adnan Sharif, Elizabeth R. Gillies* and Helen Tran*

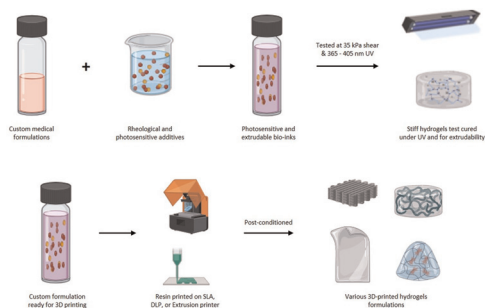
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Vitrimer-like acrylic glass with fast stress relaxation by high-speed carboxy exchange reaction

Yasuhiro Kohsaka,* Miu Mizuma and Mikihiro Hayashi*

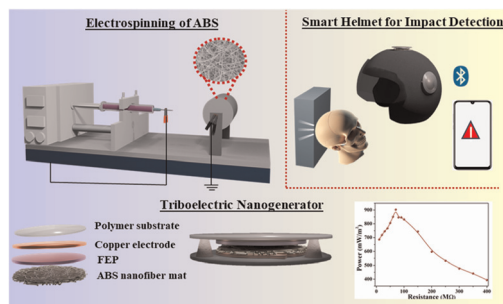
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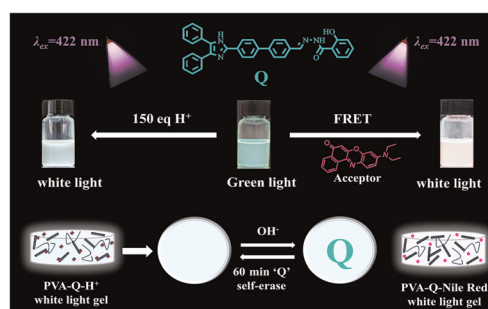
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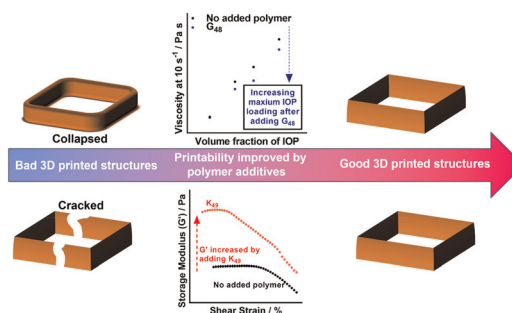
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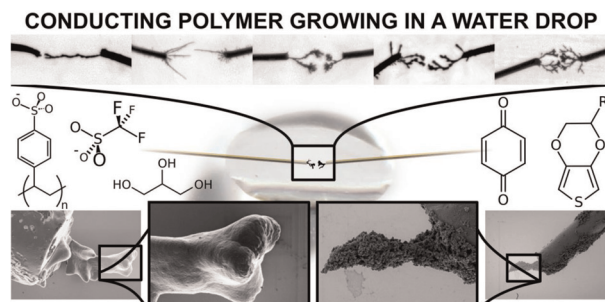
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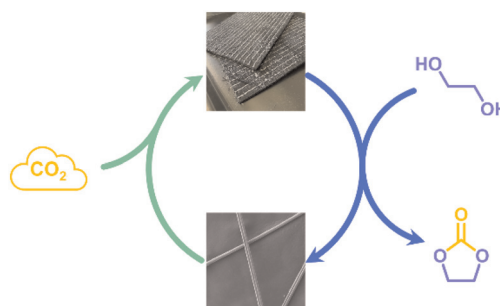
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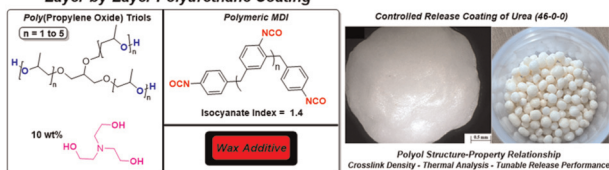
Tandem CO₂ valorisation to polycarbonate vitrimer and ethylene carbonate

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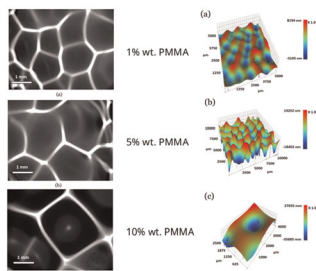


Effects of polyether polyol hydroxyl equivalent weight on controlled release polyurethane coatings of urea (46-0-0)

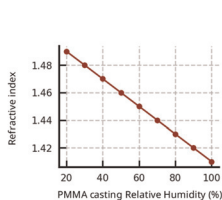
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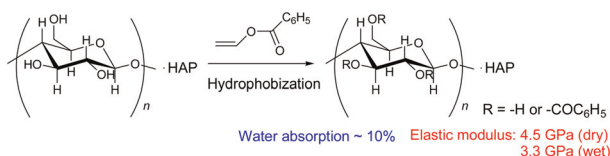
Refractive index vs PMMA casting RH



Variation of refractive indices in self-assembling honeycomb patterned PMMA films

Mohamed Rishard Rameez, AbdulRahman Ghannoum, Kissan Mistry, Omar Awad, Kevin Musselman and Patricia Nieva*

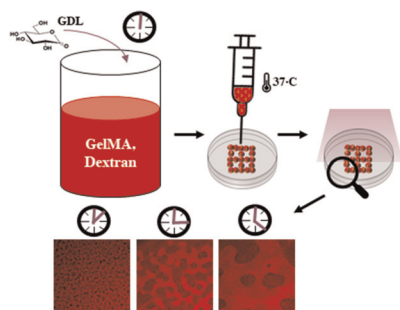
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Benzoylation of microfibrillated cellulose–hydroxyapatite composites for green and water-resistant mechanical materials

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Controlled *in situ* acidification enables the 3D printability of GelMA–dextran aqueous two-phase hydrogel with unique interconnected porosity

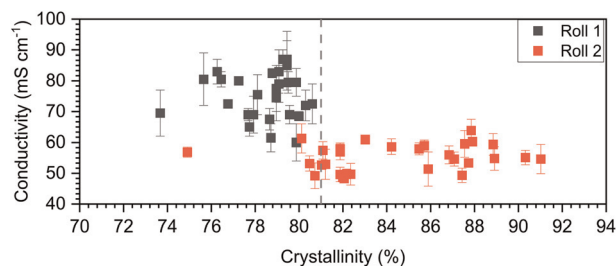
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The effect of crystallinity of HDPE precursor film on the properties of the resultant radiation-grafted anion-exchange membranes

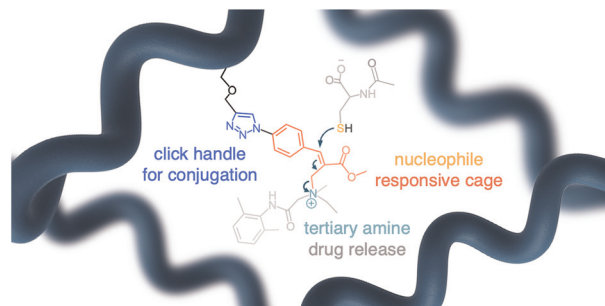
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Nucleophile-triggered prodrug release from polymer hydrogels

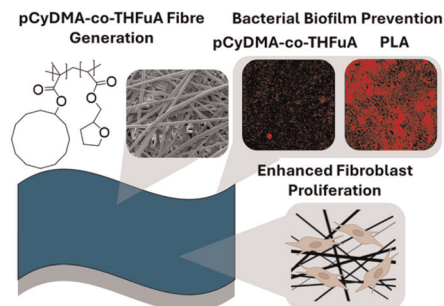
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Bioinstructive polymer fibre mats to reduce bacterial pathogen colonisation

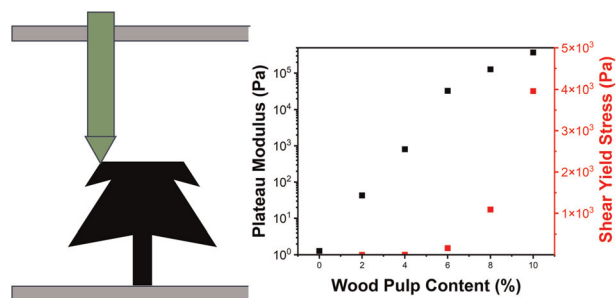
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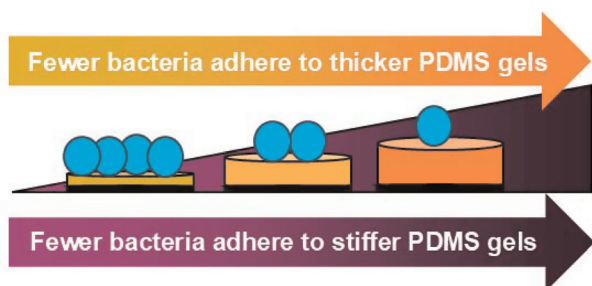
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Material extrusion additive manufacturing of wood pulp-reinforced epoxy composites

Meghan E. Lamm,* Katie Copenhaver, Tyler Smith, Madeline G. Wimmer, Greg Larsen, Brett G. Compton and Halil Tekinalp



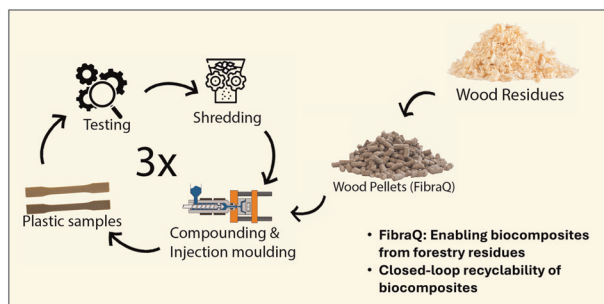
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Polydimethylsiloxane gel thickness and stiffness affect the initial adhesion of *Escherichia coli* and *Staphylococcus aureus*

Brandon Barajas, Meng-Chen Chiang, Dylan Lechner, Uzochi Uwazuruonye-Anyanwu and Jessica D. Schiffman*

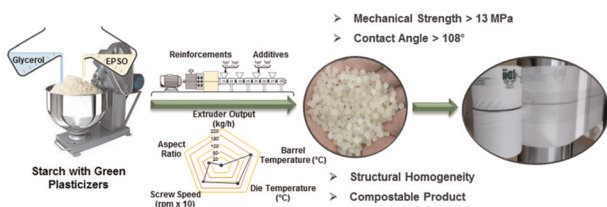
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Challenging the status quo: recyclability and performance of wood fiber thermoplastic composites

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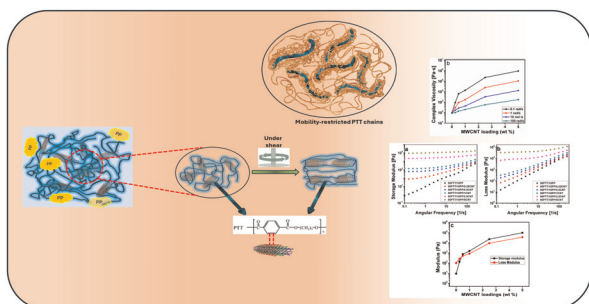
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Sustainable TPS/PBAT biocomposites tailored with epoxidized soybean oil for improved mechanical properties

Chandramani Batsh, Chandan Kumar Munagala, Bitopan Boro, Devasish Chowdhury, Harsha Nagar and Vineet Aniya*

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MWCNT-driven modulation of thermal and flow properties in PTT/PP polymer systems

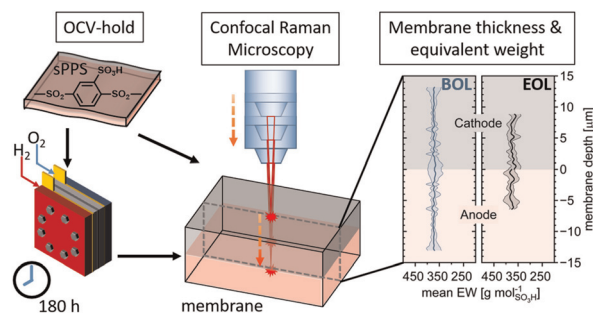
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Localized ionomer degradation analysis of sulfonated poly(phenylene sulfones) in fuel cell applications using confocal Raman microscopy

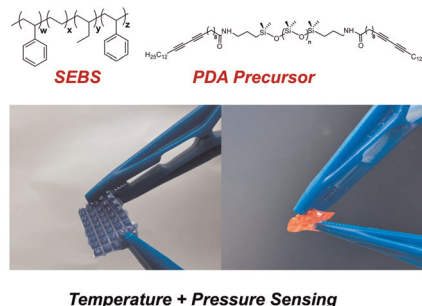
Julian Stiegeler, Didem Yazili-Marini, Christian Piesold, Dennis Rusitov, Giorgi Titvinidze, Susanne Koch, Nodar Dumbadze, Nertila Joachimsen, Andreas Münchinger, Tym de Wild* and Carolin Klose*



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A multifunctional thermochromic–elastomeric composite for integrated pressure and temperature sensing

Fatemeh Motaghedi, Lina Rose, Mohammed Jalal Ahamed,* Tricia Breen Carmichael* and Simon Rondeau-Gagné*

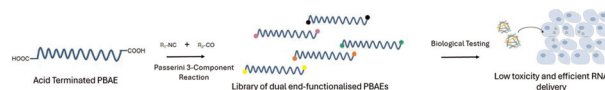


Temperature + Pressure Sensing

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Dual end-functionalisation of poly(beta-amino ester) gene delivery vectors using multicomponent chemistry

Lewis O'Shaughnessy, Rahman Khosravi, James Robins, Akosua Anane-Adjei, Mariarosa Mazza, Naoto Hori, Pratik Gurnani* and Cameron Alexander*



CORRECTION

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Correction: Modifying bacterial cellulose dispersions with deep eutectic solvent and pectin to tune the properties of open-celled foams

Hareesh Iyer, Aban Mandal, Michael Holden and Eleftheria Roumeli*

