

Polymer Chemistry

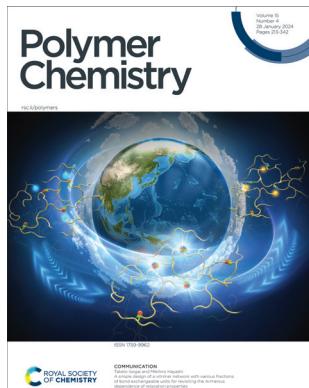
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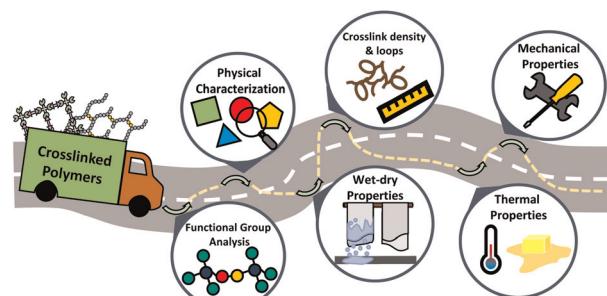
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Polym. Chem., 2024, **15**, 269.

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Educational series: characterizing crosslinked polymer networks

Chamoni W. H. Rajawasam, Obed J. Dodo, M. A. Sachini
N. Weerasinghe, Ibrahim O. Raji,
Shiwanka V. Wanasinghe, Dominik Konkolewicz* and
Nethmi De Alwis Watuthanthrige*

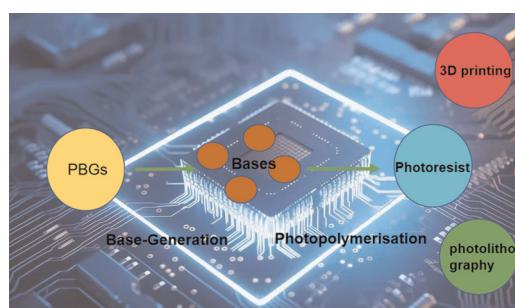


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Photopolymerization activated by photobase generators and applications: from photolithography to high-quality photoresists

Han-Wen Pei, Kai Ye, Yizhi Shao, Dan Chen,
Zhao-Yan Sun, Tao Gong,* Dandan Liu* and Ke Sun*



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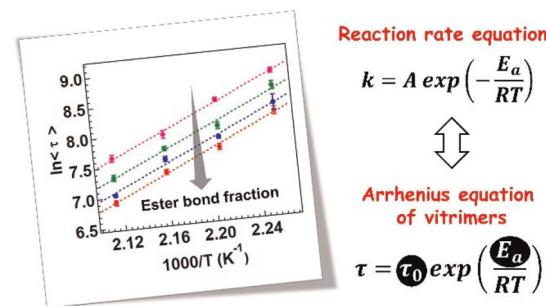
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A simple design of a vitrimer network with various fractions of bond exchangeable units for revisiting the Arrhenius dependence of relaxation properties

Taketo Isogai and Mikihiro Hayashi*

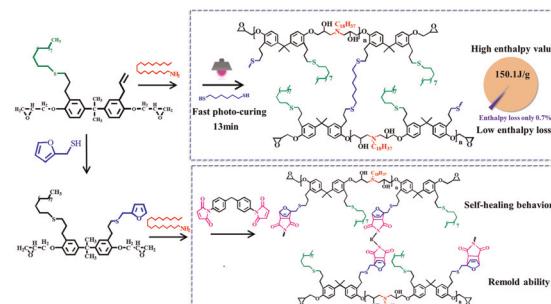


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Adjustable comb/bottlebrush fast UV-curable epoxy-based form-stable phase change materials with high encapsulation rates and ultralow enthalpy loss

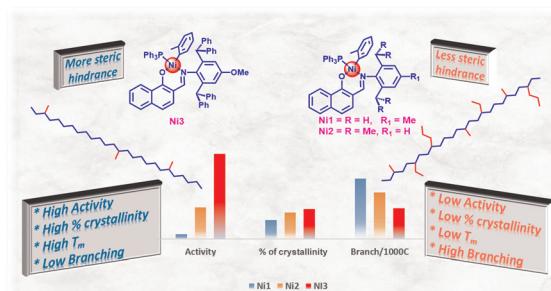
Yu Fan, Yanyun Li, Xinyuan Tang, Junying Zhang, Jue Cheng* and Qingsong Lian*



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Regulating the polyethylene microstructure by increasing steric crowding in naphthoxy imine-ligated Ni(II) complexes

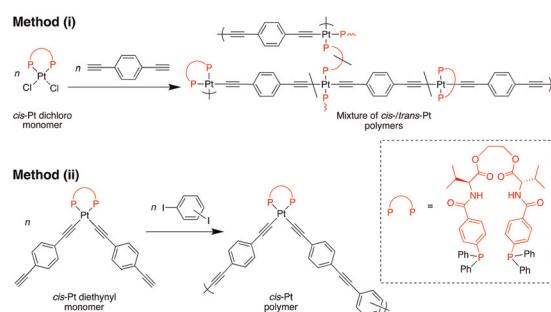
Rajkumar S. Birajdar, Rajesh G. Gonnade and Samir H. Chikkali*



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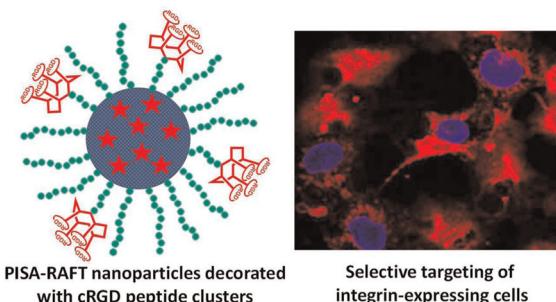
Synthesis of geometry-controlled platinum-containing polymers bearing optically active bidentate phosphine ligands

Takashi Horiuchi, Soya Makino, Natsuhiro Sano, Hiromitsu Sogawa and Fumio Sanda*

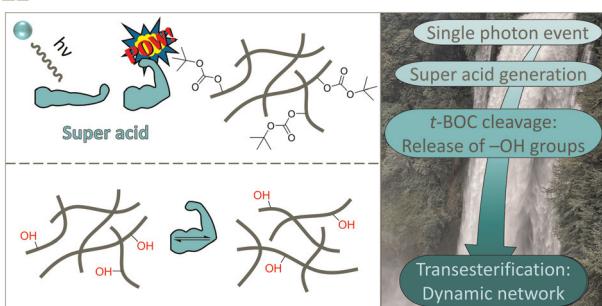


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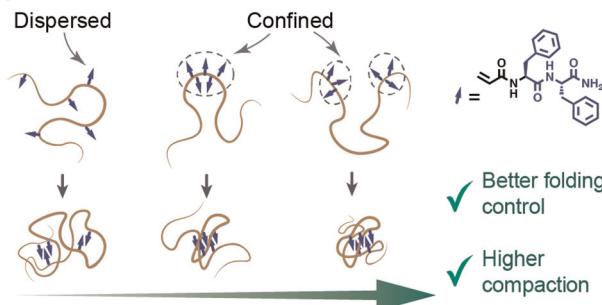
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Synthesis of cRGD peptide cluster-decorated NIR-fluorescent PISA-RAFT nanoparticles targeting integrin expressing cells

Damien Duret, Adrien Grassin, Maxime Henry,
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Didier Boturyn, Jean-Luc Coll and Arnaud Favier*

The use of a sulfonium-based photoacid generator in thiol–ene photopolymers for the controlled activation of transesterification through chemical amplification

Walter Alabiso, Yang Li, Joost Brancart, Guy Van Assche,
Elisabeth Rossegger* and Sandra Schlögl*

Confinement of folding motifs within central blocks improves single chain polymer nanoparticle folding

Shegufta Farazi, Martina H. Stenzel* and Robert Chapman*