

# Polymer Chemistry

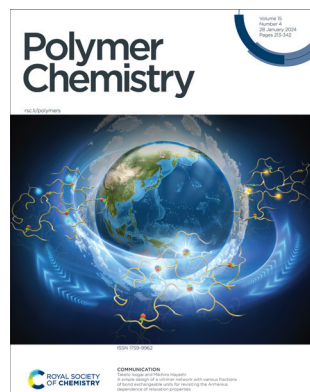
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### Cover

See Taketo Isogai and Mikihiro Hayashi, pp. 269–275.

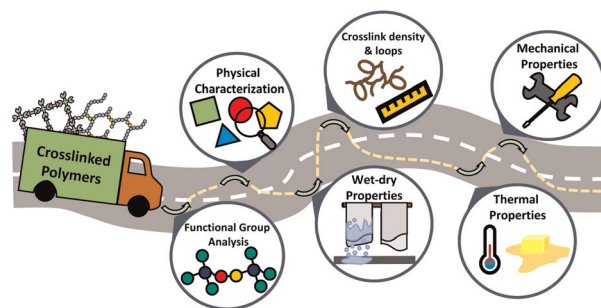
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## TUTORIAL REVIEW

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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 Watuthantrige\*

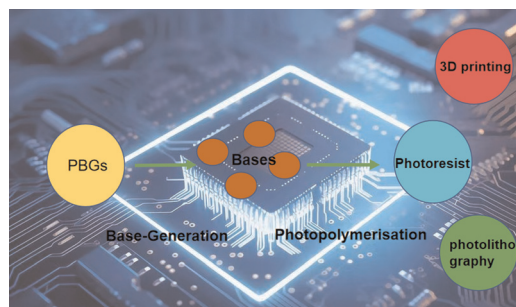


## REVIEW

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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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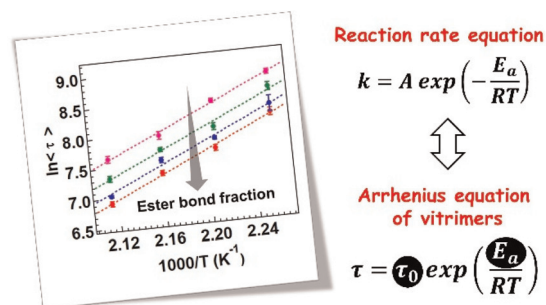
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## COMMUNICATION

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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\*

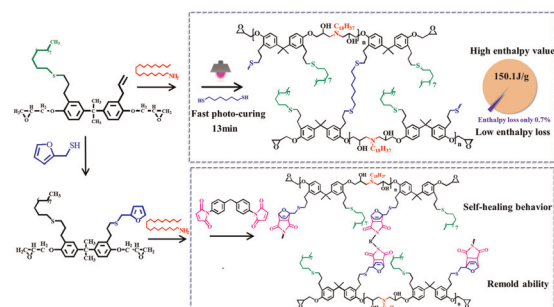


## PAPERS

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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

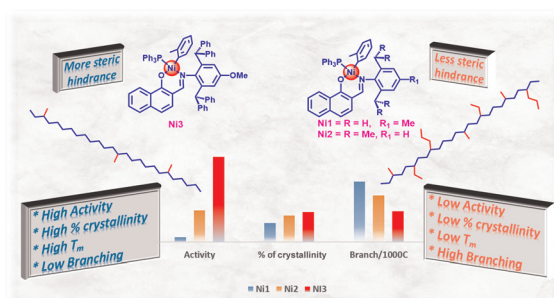
Yu Fan, Yanyun Li, Xinyuan Tang, Junying Zhang, Jue Cheng\* and Qingsong Lian\*



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

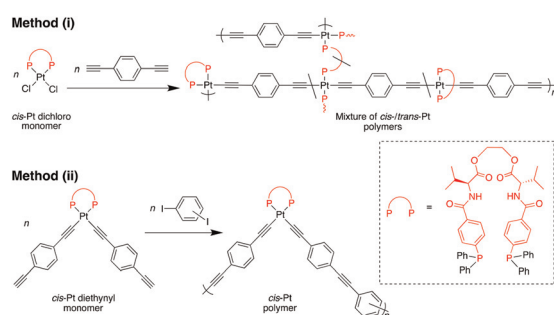
Rajkumar S. Birajdar, Rajesh G. Gonnade and Samir H. Chikkali\*



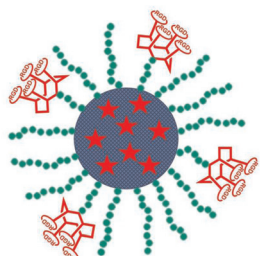
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### Synthesis of geometry-controlled platinum-containing polymers bearing optically active bidentate phosphine ligands

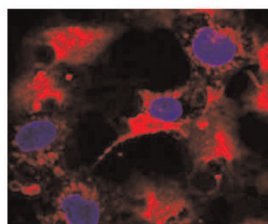
Takashi Horiuchi, Soya Makino, Natsuhiko Sano, Hiromitsu Sogawa and Fumio Sanda\*



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PISA-RAFT nanoparticles decorated with cRGD peptide clusters

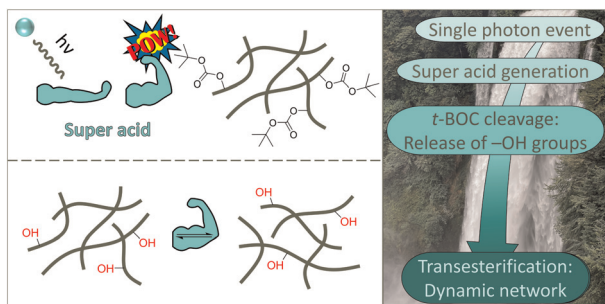


Selective targeting of integrin-expressing cells

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

Damien Duret, Adrien Grassin, Maxime Henry, Pierre Alcouffe, Sebastian Raja, Carlos Baleizão, José Paulo Farinha, Marie-Thérèse Charreyre, Didier Boturyn, Jean-Luc Coll and Arnaud Favier\*

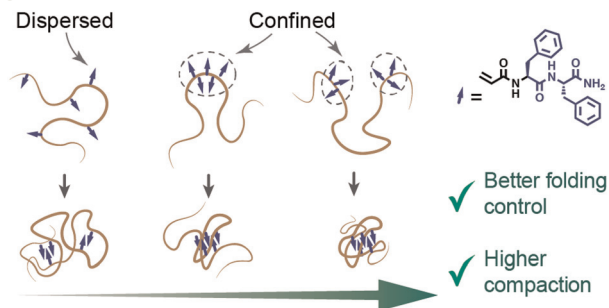
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### The use of a sulfonium-based photoacid generator in thiol-ene photopolymers for the controlled activation of transesterification through chemical amplification

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

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

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

- ✓ Better folding control
- ✓ Higher compaction

