

Polymer Chemistry

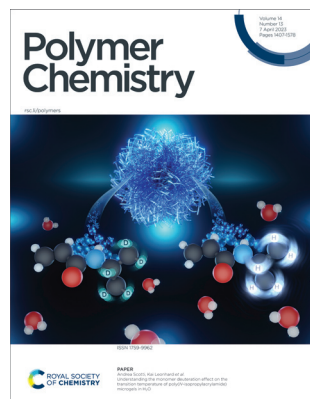
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See Andrea Scotti,
Kai Leonhard *et al.*,
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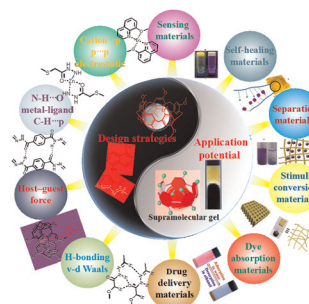
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REVIEW

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Pillar[5]arene-based supramolecular gel: construction and applications

Xiao-Ni Qi,* Qi Lin, Tai-Bao Wei, Wei Tian and
Zhen-Liang Li*

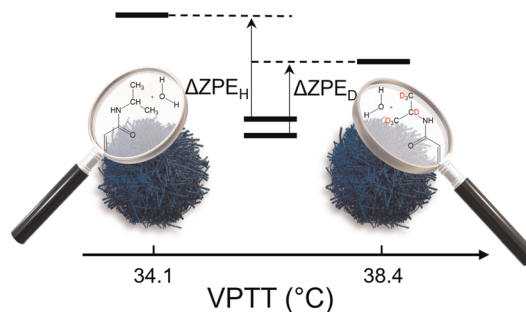


PAPERS

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Understanding the monomer deuteration effect on the transition temperature of poly(*N*-isopropylacrylamide) microgels in H₂O

Thomas Nevolianis, Andrea Scotti,*
Alexander V. Petrunin, Walter Richtering and
Kai Leonhard*



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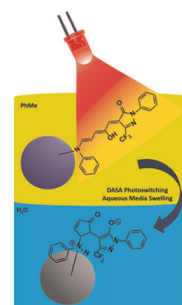


PAPERS

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Donor–acceptor Stenhouse adduct functionalised polymer microspheres

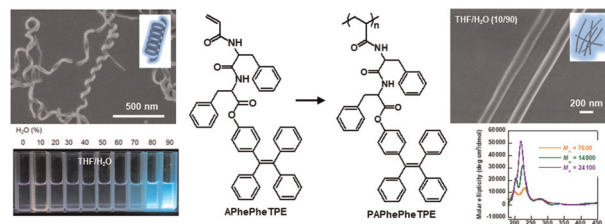
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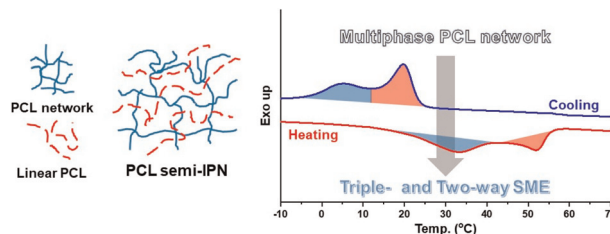
Ryo Yonenuma and Hideharu Mori*



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Multiphase PCL semi-interpenetrating networks exhibiting the triple- and stress-free two-way shape memory effect

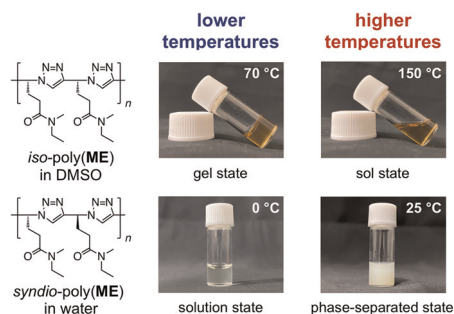
Koichiro Uto,* Yoshitaka Matsushita and Mitsuhiro Ebara



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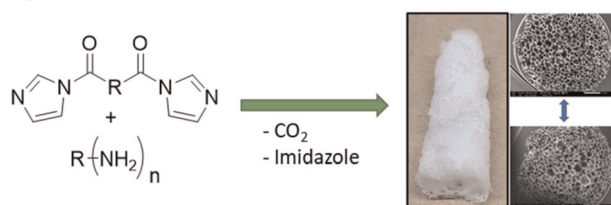
Contrasting thermoresponsiveness of stereoisomers of a dense 1,2,3-triazole polymer carrying amide side chains

Koji Okuno, Junji Miura, Shota Yamasaki, Masaki Nakahata, Yuri Kamon and Akihito Hashidzume*



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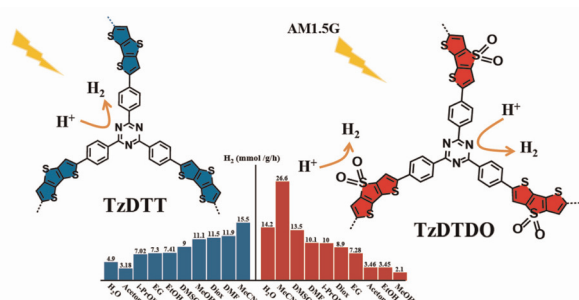
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Jose I. Sintas, Josh D. Wolfgang and Timothy E. Long*

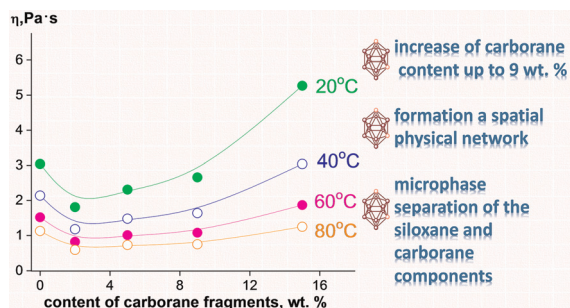
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1,3,5-Triazine and dithienothiophene-based conjugated polymers for highly effective photocatalytic hydrogen evolution

Jie Yang, Yahu A. Liu, Ming-Ming Zhai, Jun-Jie Qin, Wei-bo Hu,* Hui Yang* and Ke Wen*

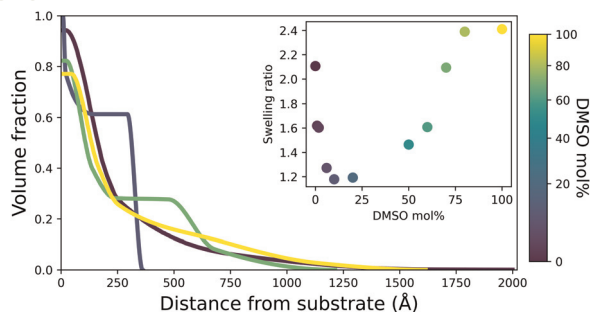
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E. O. Minyaylo,* V. Yu. Zubova, A. V. Zaitsev, V. A. Ol'shevskaya, G. G. Nikiforova, M. I. Buzin, A. A. Anisimov* and A. M. Muzafarov

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Cosolvent effects on the structure and thermoresponse of a polymer brush: PNIPAM in DMSO–water mixtures

Hayden Robertson, Andrew R. J. Nelson, Stuart W. Prescott, Grant B. Webber and Erica J. Wanless*

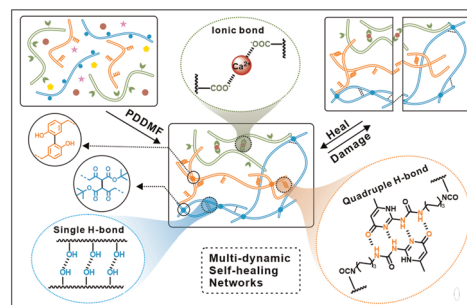


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Photochemically driven one-step triple dynamic network formation in printable tough hydrogel for self-healing tubular sensors

Liwei Sun, Zhe Lu, Ping Zhang, Hongqiu Wei and You Yu*

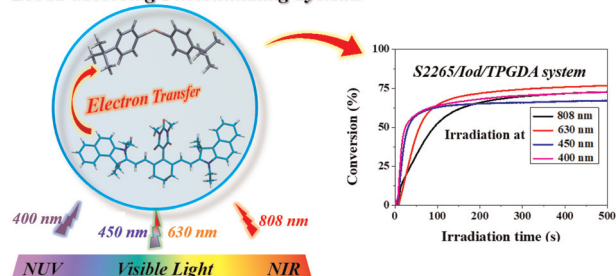


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Cyanine/iodonium salt as a broad-absorbing photoinitiating system for radical photopolymerization under near-UV, visible and NIR light

Xianglong He, Yayu Shao, Yulian Pang, Jing Wang, Mingke Liu, Yangyang Xin* and Yingquan Zou*

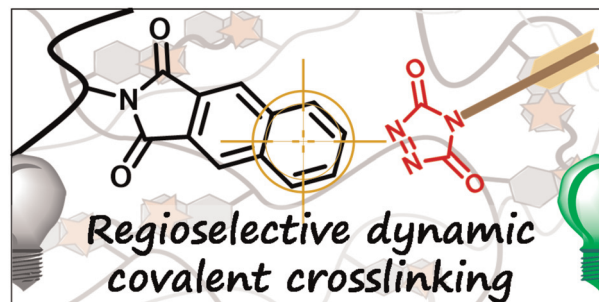
Broad-absorbing Photoinitiating Systems



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Alyssa J. Ghielmetti, Christopher Barner-Kowollik, Filip E. Du Prez* and Hannes A. Houck*



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Influences of nitrogen base excess on ARGET ATRP of styrene with ascorbic acid acetonide and traces of oxygen and water

Niccolò Braidì*, Francesca Parenti, Giulia Scurani, Francesco Tassinari, Mirko Buffagni, Luisa Bonifaci, Gianfranco Cavalca, Nicolò Pettenuzzo and Franco Ghelfi

