

Polymer Chemistry

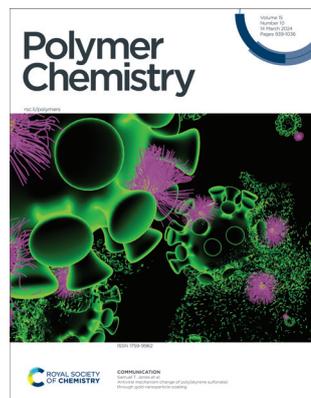
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Cover

See Samuel T. Jones *et al.*,
pp. 945–951.

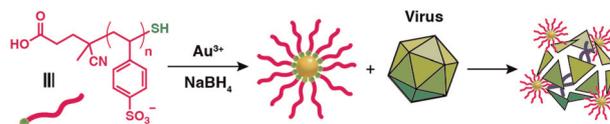
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Samuel T. Jones from
Polym. Chem., 2024, **15**, 945.

COMMUNICATIONS

945

Antiviral mechanism change of poly(styrene sulfonate) through gold nanoparticle coating

Lorraine M. Bhebhe, Jungyeon Kim, Luke M. Jones,
Elana H. Super and Samuel T. Jones*

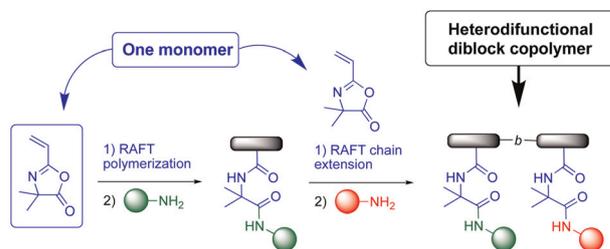


- Broad-spectrum, non-toxic, antiviral
- Mechanistic change from virustatic to virucidal

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One stone two birds: from one azlactone-functionalized monomer to a heterofunctional diblock copolymer

Francesca François, Guillaume Gody, James Wilson,
Laurent Fontaine* and Sagrario Pascual*



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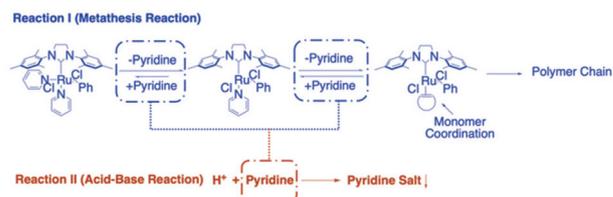
Fundamental questions
Elemental answers



957

Ring-opening metathesis polymerization with 2–5 orders of rate increment

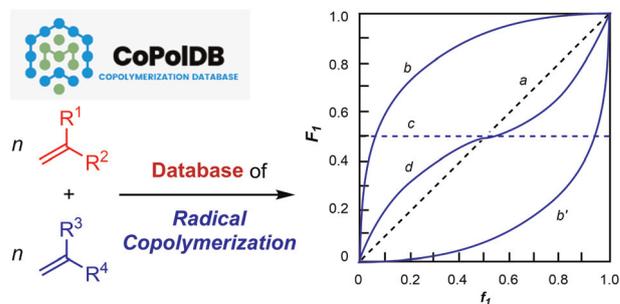
Ning Ren* and Xinyuan Zhu*



965

CoPolDB: a copolymerization database for radical polymerization

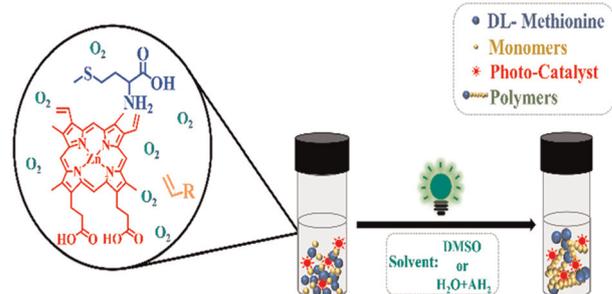
Kei-ichiro Takahashi, Hiroshi Mamitsuka, Masatoshi Tosaka, Nanyi Zhu and Shigeru Yamago*



972

Reversible breakage of the C–S bond: function of DL-methionine in PET-RDRP catalyzed by zinc protoporphyrin

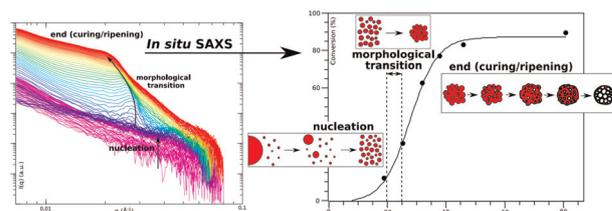
Hanyu Lv, Ziyu Wang, Jiaqi An, Ruiwen Hao, Zongye Wang and Yanwu Zhang*



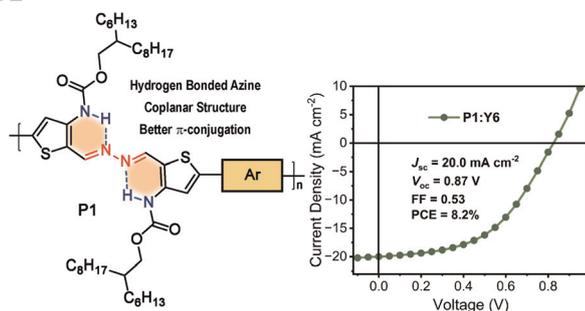
979

In situ SAXS investigation of vinyl acetate polymerization-induced self-assembly

Fabrice Brunel,* Paul Galanopoulo, Edgar Espinosa Rodriguez, Muriel Lansalot and Franck D'Agosto



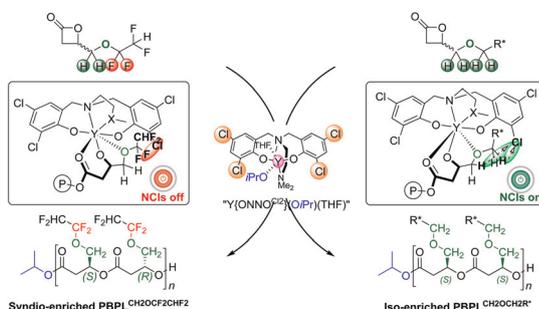
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A hydrogen bonded azine as a building block for π -conjugated polymers and their semiconducting properties

Kunrong Li, Hezhe Zhang, Cheng Chang, Kaiwen Lin, Bo Zhang, Zaifei Ma,* Dacheng Wei* and Qing Zhang*

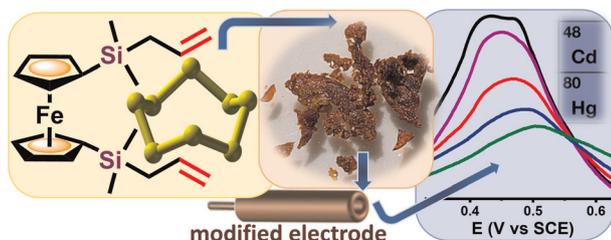
999



Metal-catalyzed stereoselective ring-opening polymerization of functional β -lactones: methylene-alkoxy-fluorinated polyhydroxyalkanoates unveil the role of non-covalent interactions

Ali Dhaini, Rama M. Shakaroun, Ali Alaeddine, Jean-François Carpentier* and Sophie M. Guillaume*

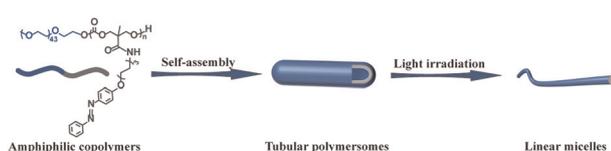
1015



Electroactive sulfur-rich materials obtained *via* inverse vulcanization of a diallylsilyl-functionalized ferrocene

María Vera-Tuset, Rubén Mas-Ballesté, Isabel Cuadrado, Alicia Moya* and Sonia Bruña*

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Synthesis and characterization of light-responsive biodegradable tubular polymersomes

Yanyan Zhu, Zhezhe Li, Suzhen Wang, Jian Gu, Rui L. Reis and Hailong Che*

