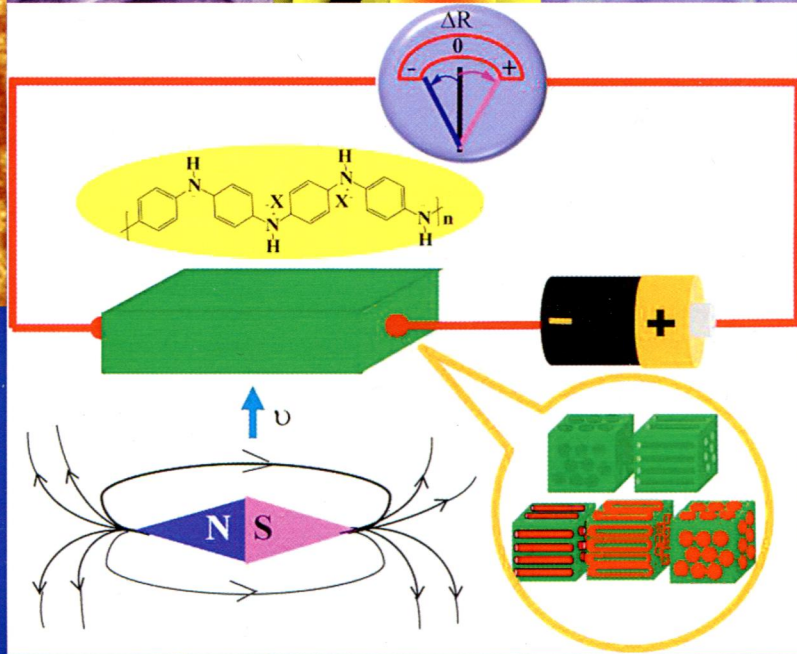
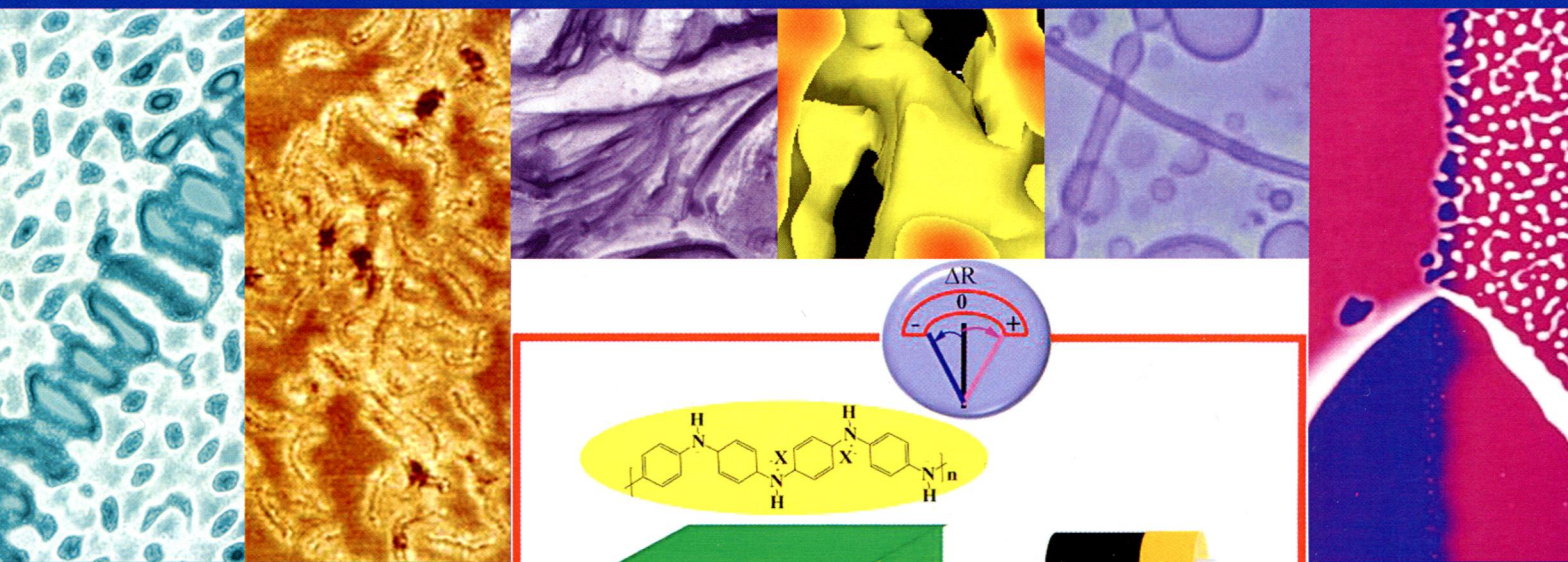
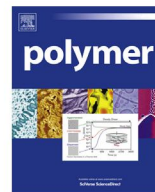


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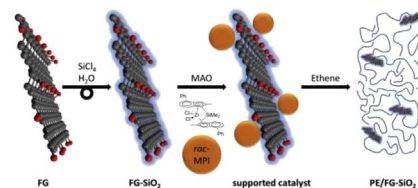
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Felix Kirschvink^a, Markus Stürzel^a, Yi Thomann^a, Rolf Mülhaupt^{a,b,*}

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^bInstitute for Macromolecular Chemistry of the University of Freiburg, Stefan-Meier-Str. 31, D-79104 Freiburg, Germany



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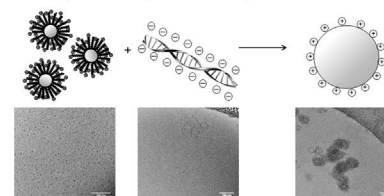
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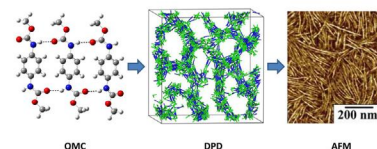
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^dDepartment of Chemical Engineering and Macromolecules and Interfaces Institute, Virginia Tech, Blacksburg, VA 24061-0211, USA



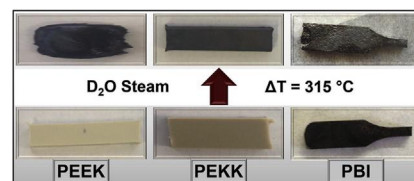
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^aDepartment of Chemistry, Texas A&M University, College Station, TX 77842-3012, USA

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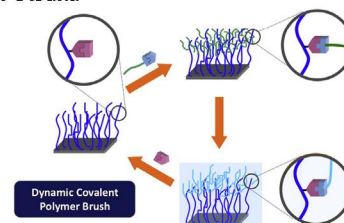
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^cInstitute for Materials Chemistry and Engineering, Kyushu University, 744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan

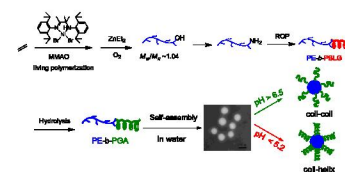


Synthesis of amphiphilic polyethylene-*b*-poly(L-glutamate) block copolymers with vastly different solubilities and their stimuli-responsive polymeric micelles in aqueous solution pp 4593–4600

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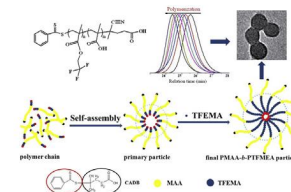
DSAPM Lab, PCFM Lab, School of Chemistry and Chemical Engineering, Sun Yat-Sen University, Guangzhou 510275, China

Amphiphilic polyethylene-*block*-poly(L-glutamate) (PE-*b*-PGA) diblock copolymers were synthesized. The spherical polymeric micelles self-assembled in aqueous solution exhibited pH- and ionic strength responsibility.

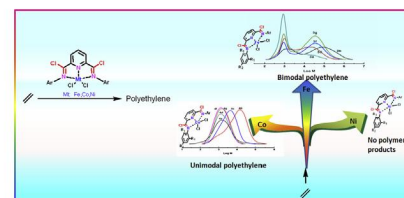


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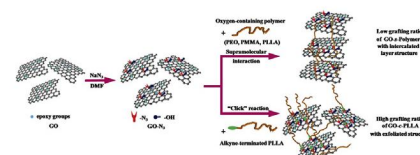
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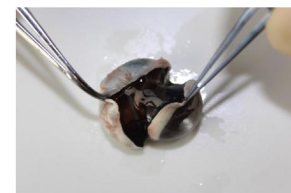
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Weichun Huang^a, Sheng Wang^b, Chengxin Guo^a, Xiaoming Yang^{a,*}, Yaowen Li^a, Yingfeng Tu^{a,*}^a Jiangsu Key Laboratory of Advanced Functional Polymer Design and Application, Department of Polymer Science and Engineering, College of Chemistry, Chemical Engineering and Materials Science, Soochow University, Suzhou 215123, China^b Beijing National Laboratory for Molecular Sciences, Key Laboratory of Polymer Chemistry and Physics of Ministry of Education, College of Chemistry and Molecular Engineering, Peking University, Beijing 100871, China**Evaluation of a redox-initiated *in situ* hydrogel as vitreous substitute**

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A redox-initiated in-situ-formed PEG hydrogel as vitreous substitute.

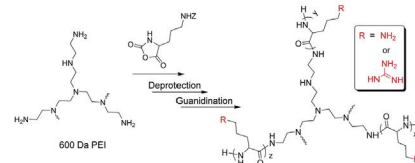


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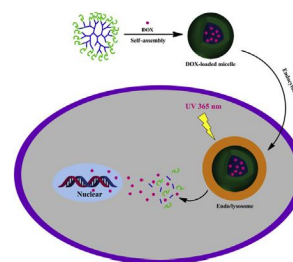
Key Laboratory of Biomedical Polymers of Ministry of Education, Department of Chemistry, Wuhan University, Wuhan 430072, China

**Bioinspired photo-degradable amphiphilic hyperbranched poly(amino ester)s: Facile synthesis and intracellular drug delivery**

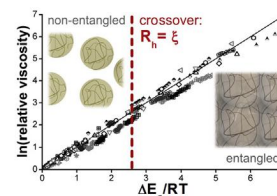
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Qiao Jin*, Yin Wang, Tongjiang Cai, Haibo Wang, Jian Ji**

MOE Key Laboratory of Macromolecule Synthesis and Functionalization of Ministry of Education, Department of Polymer Science and Engineering, Zhejiang University, Hangzhou 310027, China

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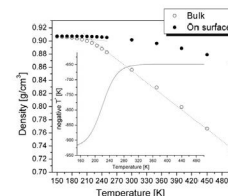
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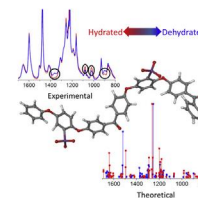
Georgios Kritikos

National Center for Scientific Research "Demokritos", Institute of Physical Chemistry, Molecular Thermodynamics and Modelling of Materials Laboratory, GR-153 10, Aghia Paraskevi, Attikis, Greece

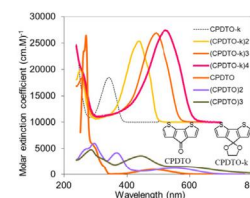


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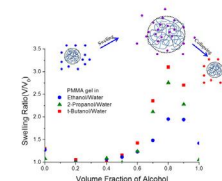
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Cheng Zhang^{a,*}, Jianyuan Sun^a, Qiquan Qiao^b, Jing Li^{c,*}^a Department of Chemistry and Biochemistry, South Dakota State University, Brookings, SD 57007, United States^b Department of Electrical Engineering and Computer Science, South Dakota State University, Brookings, SD 57007, United States^c Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences, China**Enhanced solvation effect of re-collapsing behavior for cross-linked PMMA particle gel in aqueous alcohol solutions**

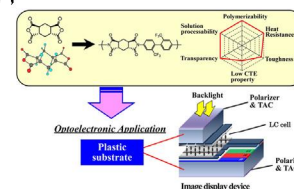
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Sang Min Lee, Young Chan Bae^{*}

Department of Chemical Engineering and Molecular Thermodynamics Laboratory, Hanyang University, Seoul 133-791, Republic of Korea

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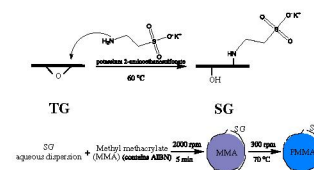
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Trung Dung Dao, Gansukh Erdenedelger, Han Mo Jeong*

Department of Chemistry, Energy Harvest-Storage Research Center, University of Ulsan, Ulsan 680-749, Republic of Korea

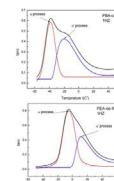


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Rui Zhang, Xianru He*, Hui Yu

College of Materials Science and Engineering, Southwest Petroleum University, Chengdu 610500, PR China



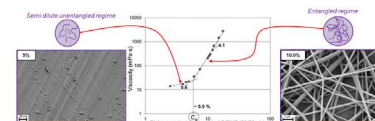
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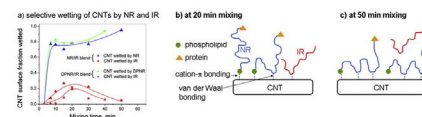
^fMalaysian Rubber Board, RRIM Research Station, Sg. Buloh, 47000 Selangor, Malaysia

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ⁱCentral Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal

^jBorealis Polyolefine GmbH, A-4021 Linz, Austria

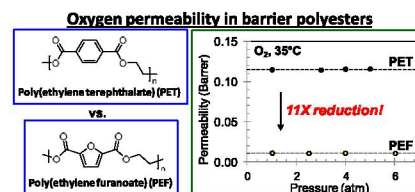


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Steven K. Burgess^a, Oguz Karvan^a, J.R. Johnson^a, Robert M. Kriegel^b, William J. Koros^{a,*}

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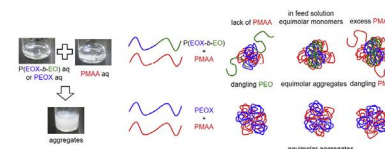


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^c Institute for Materials Chemistry and Engineering, Kyushu University, 744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan

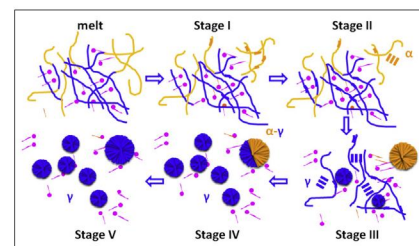


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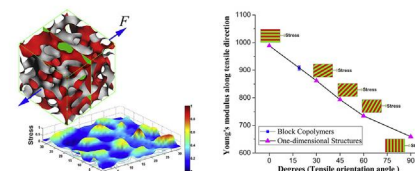


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Shengwei Deng^a, Yongmin Huang^a, Cheng Lian^a, Shouhong Xu^a, Honglai Liu^{a,*}, Shaoliang Lin^{b,**}

^a State Key Laboratory of Chemical Engineering and Department of Chemistry, East China University of Science and Technology, Shanghai 200237, China
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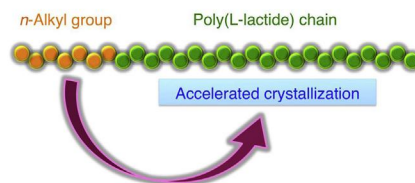


Long terminal linear alkyl group as internal crystallization accelerating moiety of poly(L-lactide)

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Hideto Tsuji*, Shinya Sugimoto

Department of Environmental and Life Sciences, Graduate School of Engineering, Toyohashi University of Technology, Tempaku-cho, Toyohashi, Aichi 441-8580, Japan

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*Corresponding author

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