

A List of Citations on Prof. (Neal) T. S. Chung's Papers in Year 2008 (up to Dec 31)

1. Title: **Effect of microencapsulated curing agents on the curing behavior for diglycidyl ether of bisphenol a epoxy resin systems**

Author(s): [Xu HX](#) (Xu, Hongxia), [Fang ZP](#) (Fang, Zhengping), [Tong LF](#) (Tong, Lifang)

Source: JOURNAL OF APPLIED POLYMER SCIENCE 107 (3): 1661-1669 FEB 5 2008
CAO M

[Novel microencapsulated curing accelerator for prolonging shelf life of epoxy resin composition](#)
JOURNAL OF APPLIED POLYMER SCIENCE 85 : 873 2002

2. Title: **Ageing of polysulfone membranes in contact with bleach solution: Role of radical oxidation and of some dissolved metal ions**

Author(s): [Causserand C](#) (Causserand, Christel), [Rouaix S](#) (Rouaix, Sandrine), [Lafaille JP](#) (Lafaille, Jean-Pierre), [Aimar P](#) (Aimar, Pierre)

Source: CHEMICAL ENGINEERING AND PROCESSING 47 (1): 48-56 JAN 2008
XU ZL

[Effect of polyvinylpyrrolidone molecular weights on morphology, oil/water separation, mechanical and thermal properties of polyetherimide/polyvinylpyrrolidone hollow fiber membranes](#)
JOURNAL OF APPLIED POLYMER SCIENCE 74 : 2220 1999

3-4. Title: **Engineering biodegradable polyester particles with specific drug targeting and drug release properties**

Author(s): [Mohamed F](#) (Mohamed, Farahidah), [van der Walle CF](#) (van der Walle, Christopher F.)

Source: JOURNAL OF PHARMACEUTICAL SCIENCES 97 (1): 71-87 JAN 2008
YANG YY

[Morphology, drug distribution, and in vitro release profiles of biodegradable polymeric microspheres containing protein fabricated by double-emulsion solvent extraction/evaporation method](#)
BIOMATERIALS 22 : 231 2001

YANG YY

[Effect of preparation temperature on the characteristics and release profiles of PLGA microspheres containing protein fabricated by double-emulsion solvent extraction/evaporation method](#)
JOURNAL OF CONTROLLED RELEASE 69 : 81 2000

5. Title: **Processing and mechanical performance of liquid crystalline polymer/nanofiber monofilaments**

Author(s): [Rohatgi A](#) (Rohatgi, Aashish), [Thomas JP](#) (Thomas, James P.), [Baucom JN](#) (Baucom, Jared N.), [Pogue WR](#) (Pogue, William R., III), [Cerully LB](#) (Cerully, Laura B.), [Ebenstein DM](#) (Ebenstein, Donna M.), [Wahl KJ](#) (Wahl, Kathryn J.)

Source: SCRIPTA MATERIALIA 58 (1): 25-28 JAN 2008
CHUNG TS

[FLUID BEHAVIOR AND ORIENTATION DEVELOPMENTS DURING EXTRUSION OF LIQUID-CRYSTAL POLYMERIC RODS](#)

JOURNAL OF POLYMER SCIENCE PART C-POLYMER LETTERS 24 : 299 1986

6-7. Title: **Thermal- and pH-responsive degradable polymers**

Author(s): [Wu DC](#) (Wu, De-Cheng), [Liu Y](#) (Liu, Ye), [He CB](#) (He, Chao-Bin)

Source: MACROMOLECULES 41 (1): 18-20 JAN 8 2008
WU DC

[2A\(2\)+BB ' B ' approach to hyperbranched poly\(amino ester\)s](#)
MACROMOLECULES 38 : 5519 2005

WU DC

[Effects of chemistries of trifunctional amines on mechanisms of Michael addition polymerizations with diacrylates](#)

MACROMOLECULES 37 : 6763 2004

8. Title: **Nanoporous poly(3-alkylthiophene) thin films generated from block copolymer templates**
Author(s): [Boudouris BW](#) (Boudouris, Bryan W.), [Frisbie CD](#) (Frisbie, C. Daniel), [Hillmyer MA](#) (Hillmyer, Marc A.)
Source: MACROMOLECULES 41 (1): 67-75 JAN 8 2008
LIU SL
[Crystallization and melting behavior of regioregular poly\(3-dodecylthiophene\)](#)
POLYMER 41 : 2781 2000
9. Title: **Microporous structure and drug release kinetics of polymeric nanoparticles**
Author(s): [Sant S](#) (Sant, Shilpa), [Thommes M](#) (Thommes, Matthias), [Hildgen P](#) (Hildgen, Patrice)
Source: LANGMUIR 24 (1): 280-287 JAN 1 2008
YANG YY
[Effect of preparation conditions on morphology and release profiles of biodegradable polymeric microspheres containing protein fabricated by double-emulsion method](#)
CHEMICAL ENGINEERING SCIENCE 55 : 2223 2000
10. Title: **Carbon ceramic composite membranes for catalytic membrane reactor applications**
Author(s): [Tennison SR](#) (Tennison, S. R.), [Arnott K](#) (Arnott, K.), [Richter H](#) (Richter, H.)
Source: KINETICS AND CATALYSIS 48 (6): 864-876 NOV-DEC 2007
QIN JJ
[Effect of dope flow rate on the morphology, separation performance, thermal and mechanical properties of ultrafiltration hollow fibre membranes](#)
JOURNAL OF MEMBRANE SCIENCE 157 : 35 1999
11. Title: **Synthesis and characterization of water-soluble gold nanoparticles stabilized by comb-shaped copolymers**
Author(s): [Han DH](#) (Han, De-Hui), [Pan CY](#) (Pan, Cai-Yuan)
Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY 46 (1): 341-352 JAN 1 2008
ZHANG XZ
[Effect of mixed solvents on characteristics of poly\(N-isopropylacrylamide\) gels](#)
LANGMUIR 18 : 2538 2002
- 12-20. The gas permeation properties of 6FDA-2, 4, 6-trimethyl-1, 3-phenylenediamine (TMPDA)/1, 3-phenylenediamine (mPDA) copolyimides
Author(s): [Wang LN](#) (Wang, Lina), [Cao YM](#) (Cao, Yiming), [Zhou MQ](#) (Zhou, Meiqing), [Ding XL](#) (Ding, Xiaoli), [Liu QH](#) (Liu, Qinhu), [Yuan Q](#) (Yuan, Quan)
Source: POLYMER BULLETIN Volume: 60 Issue: 1 Pages: 137-147 Published: 2008
CHUNG TS
[Gas transport properties of 6FDA-durene/1,3-phenylenediamine \(mPDA\) copolyimides](#)
JOURNAL OF APPLIED POLYMER SCIENCE 81 : 3552 2001
CHUNG TS
[The effect of shear rates on gas separation performance of 6FDA-durene polyimide hollow fibers](#)
JOURNAL OF MEMBRANE SCIENCE 167 : 55 2000
CHUNG TS
[DEVELOPMENT OF A DEFECT-FREE 6FDA-DURENE ASYMMETRIC HOLLOW-FIBER AND ITS COMPOSITE HOLLOW FIBERS](#)
JOURNAL OF MEMBRANE SCIENCE 88 : 21 1994
CHUNG TS
[DEVELOPMENT OF ASYMMETRIC HOLLOW FIBERS FROM POLYIMIDES FOR AIR SEPARATION](#)
JOURNAL OF MEMBRANE SCIENCE 75 : 181 1992
CHUNG TS
[Surface modification of polyimide membranes by diamines for H₂ and CO₂ separation](#)
MACROMOLECULAR RAPID COMMUNICATIONS 27 : 998 DOI 10.1002/marc.200600147 2006
LI DF
[Fabrication of fluoropolyimide/polyethersulfone \(PES\) dual-layer asymmetric hollow fiber membranes for](#)

[gas separation](#)

JOURNAL OF MEMBRANE SCIENCE 198 : 211 2002

LIN WH

[Gas transport properties of 6FDA-durene/1,4-phenylenediamine \(pPDA\) copolyimides](#)

JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS 38 : 2703 2000

LIU SL

[Effect of diamine composition on the gas transport properties in 6FDA-durene/3,3'-diaminodiphenyl sulfone copolyimides](#)

JOURNAL OF MEMBRANE SCIENCE 202 : 165 2002

LIU SL

[The physical and gas permeation properties of 6FDA-durene/2,6-diaminotoluene copolyimides](#)

POLYMER 42 : 8847 2001

21. Highly responsive hydrogel scaffolds formed by three-dimensional organization of microgel nanoparticles
Author(s): [Cho EC](#) (Cho, Eun Chul), [Kim JW](#) (Kim, Jin-Woong), [Fernandez-Nieves A](#) (Fernandez-Nieves, Alberto), [Weitz DA](#) (Weitz, David A.)

Source: NANO LETTERS Volume: 8 Issue: 1 Pages: 168-172 Published: 2008

ZHANG XZ

[Preparation and characterization of fast response macroporous poly\(N-isopropylacrylamide\) hydrogels](#)

LANGMUIR 17 : 6094 2001

22. Preparation, characterization and thermal decomposition of polyimides with main chain containing cycloaliphatic units

Author(s): [Chen CF](#) (Chen, Chaofeng), [Huang XG](#) (Huang, Xiangan), [Qin WM](#) (Qin, Weimin)

Source: JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS Volume: 47 Issue: 1 Pages: 109-116 Published: 2008

PRAMODA KP

[Characterization and thermal degradation of polyimide and polyamide liquid crystalline polymers](#)

POLYMER DEGRADATION AND STABILITY 67 : 365 2000

23-25. Synthesis of polyimides containing fluorine and their pervaporation performances to aromatic/aliphatic hydrocarbon mixtures

Author(s): [Ye H](#) (Ye, Hong), [Li JD](#) (Li, Jiding), [Lin YZ](#) (Lin, Yangzheng), [Chen J](#) (Chen, Jian), [Chen CX](#) (Chen, Cuixian)

Source: JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY Volume: 45 Issue: 2 Pages: 172-178 Published: 2008

CHUNG TS

[Enhanced Matrimid membranes for pervaporation by homogenous blends with polybenzimidazole \(PBI\)](#)

JOURNAL OF MEMBRANE SCIENCE 271 : 221 DOI 10.1016/j.memsci.2005.07.042 2006

LIU Y

[Chemical cross-linking modification of polyimide membranes for gas separation](#)

JOURNAL OF MEMBRANE SCIENCE 189 : 231 2001

QIAO XY

[Fabrication and characterization of BTDA-TDI/MDI \(P84\) co-polyimide membranes for the pervaporation dehydration of isopropanol](#)

JOURNAL OF MEMBRANE SCIENCE 264 : 176 DOI 10.1016/j.memsci.2005.04.034 2005

26. Synthesis and characterization of thermoresponsive hydrogels cross-linked with chitosan

Author(s): [Yu YQ](#) (Yu, Yueqin), [Chang XZ](#) (Chang, Xianzhi), [Ning HS](#) (Ning, Hansheng), [Zhang SS](#) (Zhang, Shusheng)

Source: CENTRAL EUROPEAN JOURNAL OF CHEMISTRY Volume: 6 Issue: 1 Pages: 107-113 Published: 2008

ZHANG XZ

[Preparation and characterization of fast response macroporous poly\(N-isopropylacrylamide\) hydrogels](#)

LANGMUIR 17 : 6094 2001

27. Bioresorbable and nonresorbable macroporous thermosensitive hydrogels prepared by cryopolymerization. Role of the cross-linking agent

Author(s): [Perez P](#) (Perez, Paloma), [Plieva F](#) (Plieva, Fatima), [Gallardo A](#) (Gallardo, Alberto), [Roman JS](#) (Roman, Julio San), [Aguilar MR](#) (Aguilar, Maria Rosa), [Morfin I](#) (Morfin, Isabelle), [Ehrburger-Dolle F](#) (Ehrburger-Dolle, Françoise), [Bley F](#) (Bley, Françoise), [Mikhalovsky S](#) (Mikhalovsky, Sergey), [Galaev IY](#) (Galaev, Igor Yu.), [Mattiasson B](#) (Mattiasson, Bo)

Source: BIOMACROMOLECULES Volume: 9 Issue: 1 Pages: 66-74 Published: 2008

ZHANG XZ

[Preparation and characterization of fast response macroporous poly\(N-isopropylacrylamide\) hydrogels](#)

LANGMUIR 17 : 6094 2001

28. Thermo-responsive porous membranes of controllable porous morphology from triblock copolymers of polycaprolactone and Poly(N-isopropylacrylamide) prepared by atom transfer radical polymerization

Author(s): [Xu FJ](#) (Xu, F. J.), [Li J](#) (Li, J.), [Yuan SJ](#) (Yuan, S. J.), [Zhang ZX](#) (Zhang, Z. X.), [Kang ET](#) (Kang, E. T.), [Neoh KG](#) (Neoh, K. G.)

Source: BIOMACROMOLECULES Volume: 9 Issue: 1 Pages: 331-339 Published: 2008

ZHANG XZ

[Preparation and characterization of fast response macroporous poly\(N-isopropylacrylamide\) hydrogels](#)

LANGMUIR 17 : 6094 2001

29-30. Ionic liquid-based preparation of cellulose-dendrimer films as solid supports for enzyme immobilization

Author(s): [Bagheri M](#) (Bagheri, Mozghan), [Rodriguez H](#) (Rodriguez, Hector), [Swatloski RP](#) (Swatloski, Richard P.), [Spear SK](#) (Spear, Scott K.), [Daly DT](#) (Daly, Daniel T.), [Rogers RD](#) (Rogers, Robin D.)

Source: BIOMACROMOLECULES Volume: 9 Issue: 1 Pages: 381-387 Published: 2008

CHUNG TS

[PAMAM dendrimer-induced cross-linking modification of polyimide membranes](#)

LANGMUIR 20 : 2966 DOI 10.1021/la034610z 2004

XIAO YC

[Effects of thermal treatments and dendrimers chemical structures on the properties of highly surface cross-linked polyimide films](#)

INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH 44 : 3059 DOI 10.1021/ie048837g 2005

31-35. Effects of the thermodynamics and rheology of BTDA-TDI/MDI co-polyimide (P84) dope solutions on the performance and morphology of hollow fiber UF membranes

Author(s): [Ren JZ](#) (Ren, Jizhong), [Li ZS](#) (Li, Zhansheng), [Wang R](#) (Wang, Rong)

Source: JOURNAL OF MEMBRANE SCIENCE Volume: 309 Issue: 1-2 Pages: 196-208 Published: 2008

CHUNG TS

[Effect of air-gap distance on the morphology and thermal properties of polyethersulfone hollow fibers](#)

JOURNAL OF APPLIED POLYMER SCIENCE 66 : 1067 1997

CHUNG TS

[The effects of spinning conditions on asymmetric 6FDA/6FDAM polyimide hollow fibers for air separation](#)

JOURNAL OF APPLIED POLYMER SCIENCE 65 : 1555 1997

CHUNG TS

[The effect of shear rates on gas separation performance of 6FDA-durene polyimide hollow fibers](#)

JOURNAL OF MEMBRANE SCIENCE 167 : 55 2000

QIN JJ

[Investigation of shear stress effect within a spinneret on flux, separation and thermomechanical properties of hollow fiber ultrafiltration membranes](#)

JOURNAL OF MEMBRANE SCIENCE 175 : 197 2000

REN JZ

[Development of asymmetric 6FDA-2,6 DAT hollow fiber membranes for CO₂/CH₄ separation - 1. The influence of dope composition and rheology on membrane morphology and separation performance](#)

JOURNAL OF MEMBRANE SCIENCE 207 : 227 2002

36. Effect of molecular weight of PEG on membrane morphology and transport properties

Author(s): [Chakrabarty B](#) (Chakrabarty, B.), [Ghoshal AK](#) (Ghoshal, A. K.), [Purkait MK](#) (Purkait, M. K.)

Source: JOURNAL OF MEMBRANE SCIENCE Volume: 309 Issue: 1-2 Pages: 209-221 Published: 2008
SHIEH JJ
[Gas separation performance of poly\(4-vinylpyridine\)/polyetherimide composite hollow fibers](#)
JOURNAL OF MEMBRANE SCIENCE 182 : 111 2001

37. H-1 nuclear magnetic resonance (NMR) cryoporometry as a tool to determine the pore size distribution of ultrafiltration membranes

Author(s): [Jeon JD](#) (Jeon, Jae-Deok), [Kim SJ](#) (Kim, Soo Jung), [Kwak SY](#) (Kwak, Seung-Yeop)
Source: JOURNAL OF MEMBRANE SCIENCE Volume: 309 Issue: 1-2 Pages: 233-238 Published: 2008
CHUNG TS
[Visualization of the effect of die shear rate on the outer surface morphology of ultrafiltration membranes by AFM](#)
JOURNAL OF MEMBRANE SCIENCE 196 : 251 2002

38. Synthesis and properties of new pyridine-bridged poly(ether-imide)s based on 4-(4-trifluoromethylphenyl)-2, 6-bis[4-(4-aminophenoxy)phenyl]pyridine

Author(s): [Wang XL](#) (Wang, Xiao-Long), [Li YF](#) (Li, Yan-Feng), [Gong CL](#) (Gong, Chen-Liang), [Ma T](#) (Ma, Tao), [Yang FC](#) (Yang, Feng-Chun)
Source: JOURNAL OF FLUORINE CHEMISTRY Volume: 129 Issue: 1 Pages: 56-63 Published: 2008
CHUNG TS
[FLUORO-CONTAINING POLYIMIDE BLENDS - PREDICTION AND EXPERIMENTS](#)
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY 29 : 1207 1991

39. Temperature sensitive semi-IPN microspheres from sodium alginate and N-isopropylacrylamide for controlled release of 5-fluorouracil

Author(s): [Reddy KM](#) (Reddy, K. Mallikarjuna), [Babu VR](#) (Babu, V. Ramesh), [Rao KSVK](#) (Rao, K. S. V. Krishna), [Subha MCS](#) (Subha, M. C. S.), [Rao KC](#) (Rao, K. Chowdoji), [Sairam M](#) (Sairam, M.), [Aminabhavi TM](#) (Aminabhavi, T. M.)
Source: JOURNAL OF APPLIED POLYMER SCIENCE Volume: 107 Issue: 5 Pages: 2820-2829 Published: 2008
ZHANG XZ
[Thermosensitive poly\(N-isopropylacrylamide-co-acrylic acid\) hydrogels with expanded network structures and improved oscillating swelling-deswelling properties](#)
LANGMUIR 18 : 2013 2002

40. Sulfonated poly(ether imide) and poly(ether sulfone) blends for direct methanol fuel cells. I. Sulfonation of PEI and characterization of the products

Author(s): [Shu YC](#) (Shu, Yao-Chi), [Chuang FS](#) (Chuang, Fu-Sheng), [Tsen WC](#) (Tsen, Wen-Chin), [Chow JD](#) (Chow, Jing-Dong), [Gong CL](#) (Gong, Chunli), [Wen S](#) (Wen, Sheng)
Source: JOURNAL OF APPLIED POLYMER SCIENCE Volume: 107 Issue: 5 Pages: 2963-2969 Published: 2008
XU ZL
[Effect of polyvinylpyrrolidone molecular weights on morphology, oil/water separation, mechanical and thermal properties of polyetherimide/polyvinylpyrrolidone hollow fiber membranes](#)
JOURNAL OF APPLIED POLYMER SCIENCE 74 : 2220 1999

41. Biodegradable microspheres containing poly(epsilon-caprolactone)-Pluronic block copolymers for temperature-responsive release of proteins

Author(s): [Lee JI](#) (Lee, Jung Im), [Yoo HS](#) (Yoo, Hyuk Sang)
Source: COLLOIDS AND SURFACES B-BIOINTERFACES Volume: 61 Issue: 1 Pages: 81-87 Published: 2008
YANG YY
[Morphology, drug distribution, and in vitro release profiles of biodegradable polymeric microspheres containing protein fabricated by double-emulsion solvent extraction/evaporation method](#)
BIOMATERIALS 22 : 231 2001

42-43. Preparation and development of pharmaceutical microcapsules
Author(s): [Qiao JC](#) (Qiao Jichao), [Ha XL](#) (Ha Xiaoling), [Guan P](#) (Guan. Ping), [Zhao Y](#) (Zhao Yarnei), [Tian W](#) (Tian Wei)

Source: PROGRESS IN CHEMISTRY Volume: 20 Issue: 1 Pages: 171-181 Published: 2008
YANG YY

[Effect of preparation conditions on morphology and release profiles of biodegradable polymeric microspheres containing protein fabricated by double-emulsion method](#)

CHEMICAL ENGINEERING SCIENCE 55 : 2223 2000

YANG YY

[Effect of preparation temperature on the characteristics and release profiles of PLGA microspheres containing protein fabricated by double-emulsion solvent extraction/evaporation method](#)

JOURNAL OF CONTROLLED RELEASE 69 : 81 2000

44-45. Intrinsic factor and vitamin B12 complex-loaded poly[lactic-co-(glycolic acid)] microspheres: preparation, characterization and drug release

Author(s): [Demir S](#) (Demir, Serap), [Ogan A](#) (Ogan, Ayse), [Kayaman-Apohan N](#) (Kayaman-Apohan, Nilhan)

Source: POLYMER INTERNATIONAL Volume: 57 Issue: 2 Pages: 372-377 Published: 2008

YANG YY

[Effect of preparation conditions on morphology and release profiles of biodegradable polymeric microspheres containing protein fabricated by double-emulsion method](#)

CHEMICAL ENGINEERING SCIENCE 55 : 2223 2000

YANG YY

[Morphology, drug distribution, and in vitro release profiles of biodegradable polymeric microspheres containing protein fabricated by double-emulsion solvent extraction/evaporation method](#)

BIOMATERIALS 22 : 231 2001

46. Relationship between gas transport properties and fractional free volume determined from dielectric constant in polyimide films containing the hexafluoroisopropylidene group

Author(s): [Miyata S](#) (Miyata, Sou), [Sato S](#) (Sato, Shuichi), [Nagai K](#) (Nagai, Kazukiyo), [Nakagawa T](#) (Nakagawa, Tsutomu), [Kudo K](#) (Kudo, Katsutoshi)

Source: JOURNAL OF APPLIED POLYMER SCIENCE Volume: 107 Issue: 6 Pages: 3933-3944 Published: 2008

VORA RH

[Synthesis and properties of designed low-k fluoro-copolyetherimides. Part 1](#)

ADVANCED FUNCTIONAL MATERIALS 11 : 361 2001

47. Hydrophilic microporous PES membranes prepared by PES/PEG/DMAc casting solutions

Author(s): [Li JF](#) (Li, Jing-Feng), [Xu ZL](#) (Xu, Zhen-Liang), [Yang H](#) (Yang, Hu), [Feng CP](#) (Feng, Cui-Ping), [Shi JH](#) (Shi, Jiang-Huan)

Source: JOURNAL OF APPLIED POLYMER SCIENCE Volume: 107 Issue: 6 Pages: 4100-4108 Published: 2008

XU ZL

[Polymeric asymmetric membranes made from polyetherimide/polybenzimidazole/poly\(ethylene glycol\) \(PEI/PBI/PEG\) for oil-surfactant-water separation](#)

JOURNAL OF MEMBRANE SCIENCE 158 : 41 1999

48. Roles of oxidizing species in a nonequilibrium atmospheric-pressure pulsed remote O-2/N-2 plasma glass cleaning process

Author(s): [Iwasaki M](#) (Iwasaki, Masahiro), [Matsudaira Y](#) (Matsudaira, Yuto), [Takeda K](#) (Takeda, Keigo), [Ito M](#) (Ito, Masafumi), [Miyamoto E](#) (Miyamoto, Eiji), [Yara T](#) (Yara, Takuya), [Uehara T](#) (Uehara, Tsuyoshi), [Hori M](#) (Hori, Masaru)

Source: JOURNAL OF APPLIED PHYSICS Volume: 103 Issue: 2 Article Number: 023303 Published: 2008
MA KX

[Investigation of surface energy for organic light emitting polymers and indium tin oxide](#)

THIN SOLID FILMS 371 : 140 2000

49. Precision laser micro-processing of polymers

Author(s): [Tiaw KS](#) (Tiaw, K. S.), [Hong MH](#) (Hong, M. H.), [Teoh SH](#) (Teoh, S. H.)

Source: JOURNAL OF ALLOYS AND COMPOUNDS Volume: 449 Issue: 1-2 Pages: 228-231 Published: 2008

NG CS

[Simultaneous biaxial drawing of poly \(epsilon-caprolactone\) films](#)

POLYMER 41 : 5855 2000

50. Thermoresponsive hydrogels in biomedical applications

Author(s): [Klouda L](#) (Klouda, Leda), [Mikos AG](#) (Mikos, Antonios G.)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS Volume: 68 Issue: 1 Pages: 34-45 Published: 2008

ZHANG XZ

[Preparation and characterization of fast response macroporous poly\(N-isopropylacrylamide\) hydrogels](#)

LANGMUIR 17 : 6094 2001

51. Dielectric relaxation in polyimide nanofoamed films with low dielectric constant

Author(s): [Zhang YH](#) (Zhang, Yihe), [Ke SM](#) (Ke, Shanming), [Huang HT](#) (Huang, Haitao), [Zhao LH](#) (Zhao, Lihang), [Yu L](#) (Yu, Li), [Chan HLW](#) (Chan, H. L. W.)

Source: APPLIED PHYSICS LETTERS Volume: 92 Issue: 5 Article Number: 052910 Published: 2008

QU WL

[Effect of polyimides with different ratios of para- to meta- analogous fluorinated diamines on relaxation process](#)

POLYMER 42 : 6393 2001

52. Co-degradation of phenol and m-cresols by upflow anaerobic sludge blanket reactor

Author(s): [Farooqi IH](#) (Farooqi, Izharul Haq), [Basheer F](#) (Basheer, Farrukh), [Isa MH](#) (Isa, M. Hasnain)

Source: WATER SCIENCE AND TECHNOLOGY Volume: 56 Issue: 7 Pages: 73-79 Published: 2007

LOH KC

[Immobilized-cell membrane bioreactor for high-strength phenol wastewater](#)

JOURNAL OF ENVIRONMENTAL ENGINEERING-ASCE 126 : 75 2000

53. Peptoid dendrimers-microwave-assisted solid-phase synthesis and transfection agent evaluation

Author(s): [Diaz-Mochon JJ](#) (Diaz-Mochon, Juan J.), [Fara MA](#) (Fara, Mario A.), [Sanchez-Martin RM](#) (Sanchez-Martin, Rosario M.), [Bradley M](#) (Bradley, Mark)

Source: TETRAHEDRON LETTERS Volume: 49 Issue: 5 Pages: 923-926 Published: JAN 28 2008

LIU Y

[Novel poly\(amino ester\)s obtained from Michael addition polymerizations of trifunctional amine monomers with diacrylates: safe and efficient DNA carriers](#)

CHEMICAL COMMUNICATIONS : 2630 DOI 10.1039/b309487a 2003

54. A microchannel concentrator controlled by integral thermoresponsive valves

Author(s): [Zhang Y](#) (Zhang, Yaopeng), [Kato S](#) (Kato, Shinji), [Anazawa T](#) (Anazawa, Takanori)

Source: SENSORS AND ACTUATORS B-CHEMICAL Volume: 129 Issue: 1 Pages: 481-486 Published: JAN 29 2008

ZHANG XZ

[Preparation and characterization of fast response macroporous poly\(N-isopropylacrylamide\) hydrogels](#)

LANGMUIR 17 : 6094 2001

55. Photodegradation of polycaprolactone/poly(vinyl chloride) blend

Author(s): [Christensen PA](#) (Christensen, P. A.), [Egerton TA](#) (Egerton, T. A.), [Martins-Franchetti SM](#) (Martins-Franchetti, S. M.), [Jin CQ](#) (Jin, Changqing), [White J](#) (White, Jr.)

Source: POLYMER DEGRADATION AND STABILITY Volume: 93 Issue: 1 Pages: 305-309 Published: JAN 2008

NG CS

[Simultaneous biaxial drawing of poly \(epsilon-caprolactone\) films](#)

POLYMER 41 : 5855 2000

56. Highly absorbing superabsorbent polymer

Author(s): [Mudiyanselage TK](#) (Mudiyanselage, Thilini K.), [Neckers DC](#) (Neckers, Douglas C.)

Source: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY Volume: 46 Issue:

4 Pages: 1357-1364 Published: FEB 15 2008

ZHANG XZ

[Preparation and characterization of fast response macroporous poly\(N-isopropylacrylamide\) hydrogels](#)

LANGMUIR 17 : 6094 2001

57. Surface property and in vitro biodegradation of microspheres fabricated by poly(epsilon-caprolactone-b-ethylene oxide) diblock copolymers

Author(s): [Yu GQ](#) (Yu, Guoqiang), [Zhang Y](#) (Zhang, Yu), [Shi XD](#) (Shi, Xudong), [Li ZS](#) (Li, Zhanshuang), [Gan ZH](#) (Gan, Zhihua)

Source: JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A Volume: 84A Issue: 4 Pages: 926-939 Published: MAR 15

YANG YY

[Morphology, drug distribution, and in vitro release profiles of biodegradable polymeric microspheres containing protein fabricated by double-emulsion solvent extraction/evaporation method](#)

BIOMATERIALS 22 : 231 2001

58. Evaluation of surface free energy for PMMA films

Author(s): [Ozcan C](#) (Ozcan, Canturk), [Hasirci N](#) (Hasirci, Nesrin)

Source: JOURNAL OF APPLIED POLYMER SCIENCE Volume: 108 Issue: 1 Pages: 438-446 Published: APR 5 2008

CHUNG TS

[Surface free energy of ladderlike polyepoxysiloxane-diamine reaction systems](#)

JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS 38 : 1449 2000

59. Effects of process and formulation parameters on characteristics and internal morphology of poly(D,L-lactide-co-glycolide) microspheres formed by the solvent evaporation method

Author(s): [Mao SR](#) (Mao, Shirui), [Shi Y](#) (Shi, Yi), [Li L](#) (Li, Luk), [Xu J](#) (Xu, Jing), [Schaper A](#) (Schaper, Andreas), [Kissel T](#) (Kissel, Thomas)

Source: EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS Volume: 68 Issue: 2 Pages: 214-223 Published: FEB 2008

YANG YY

[Morphology, drug distribution, and in vitro release profiles of biodegradable polymeric microspheres containing protein fabricated by double-emulsion solvent extraction/evaporation method](#)

BIOMATERIALS 22 : 231 2001

60. Synthesis and properties of thermo-responsive guar gum/poly(N-isopropylacrylamide) interpenetrating polymer network hydrogels

Author(s): [Li XY](#) (Li, Xiuyu), [Wu WH](#) (Wu, Wenhui), [Liu WQ](#) (Liu, Weiqi)

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Author(s): [Zhang XZ](#) (Zhang, Xian-Zheng), [Xu XD](#) (Xu, Xiao-Ding), [Cheng SX](#) (Cheng, Si-Xue), [Zhuo RX](#) (Zhuo, Ren-Xi)

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Author(s): [Nagendran A](#) (Nagendran, Alagumalai), [Mohan DR](#) (Mohan, Doraiswarny Raju)

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Author(s): [Hamciuc C](#) (Hamciuc, Corneliu), [Hamciuc E](#) (Hamciuc, Elena), [Ipate AM](#) (Ipate, Alina Mirela), [Okrasa L](#) (Okrasa, Lidia)

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Author(s): [de Sales JA](#) (de Sales, J. A.), [Patricio PSO](#) (Patricio, P. S. O.), [Machado JC](#) (Machado, J. C.), [Silva GG](#) (Silva, G. G.), [Windmoller D](#) (Windmoller, D.)
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