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Citations (Scopus):

306

Supervised PhD Theses

#	Thesis title	By	Date
1	study on and melt spinning of polyethylene terephthalate mixtures and characterization of obtained fibers/	Siamak Safapour & Parviz Nourpanah	September 2010

Supervised MSc Theses

#	Thesis title	By	Date
1	Surface Modification of polyester(poly ethylene terphthalate) fibers by ethylenediamine and Comparison with the effect of amine Terminated dendritic group	Maryam Zobeydani & Parviz Nourpanah	February 2019
2	Investigating the physical properties,microstructure and dyeability of polypropylene /modified Nanoclay nanocomposite filament yarn	Seyed Mansour Mousavi & Parviz Nourpanah	October 2018
3	Determining the proper condition for polyvinyl alcohol/ hyper branched polymer electrospinning	Sayyed Ali Mohammadpoor & Parviz Nourpanah	February 2015
4	Enhancement of self cleaning of PET/WOOL fabric using nano Tio2 and plasma	Ensieh Tabatabaeian & Parviz Nourpanah	December 2013
5	Manufacturing and characterising of Chitosan/Polyester nanifibrous layer for removal of heavy metal ions from aqueous solutions	Mohsen Askari & Parviz Nourpanah	February 2013
6	recycling of calotropis and iyocell waste bfibres for ethanol production	Seyed Sepehr Moeini & Parviz Nourpanah	January 2012

7	recycling of cotton and viscose waste fibres for ethanol production	Koisum Safartalab & Parviz Nourpanah	January 2012
8	Effect of Different Electrospun Fiber mat on Contact Angle	Bentolhoda Hadavimoghadam & Parviz Nourpanah	October 2011
9	preparation of fiber from domestic pitch	Roghayeh Karami & Parviz Nourpanah	October 2011
10	The Effect of Spining Condition on Acrylic Fiber Properties	Maryam Soleimani Kheibari & Parviz Nourpanah	December 2009
11	EFFECT OF INTRINSIC VISCOSITY AND SPINNING CONDITION ON STRUCTURAL AND PHYSICAL PROPERTIES OF POLY (P-PHENYLENE TEREPHTHALAMIDE)	Maryam Golestanak & Parviz Nourpanah	October 2007

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Introduction to carbon fibers	Parviz Nourpanah, Shahram Arbab	Iran (Islamic Republic of)	June 2010	1
2	introduction to polymer viscoelasticity	Parviz Nourpanah, Shahram Arbab	Iran (Islamic Republic of)	June 2007	2
3	Introduction to Polymer Viscoelasticity	Parviz Nourpanah, Shahram Arbab	Iran (Islamic Republic of)	April 2013	3

Journal Papers

Portal Records

- Sayyed Ali Mohammadpoor, Somayeh Akbari, Sadrjahani Mehdi, Parviz Nourpanah, "Fabrication of electrospun ibuprofenloaded poly(vinyl alcohol)/hyper-branched poly(ethylenimine) fibers and their release behaviors", JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, November 2019 Vol. 1, Num. 1, Page 1-15, November 2019,
- Hamideh Mirbaha, Parviz Nourpanah, Paolo Scardi, Mirco D'Incau, Gabriele Greco, Luca Valentini, Silvia Bittolo Bon, Shahram Arbab, Nicola Pugno, "The Impact of Shear and Elongational Forces on Structural Formation of Polyacrylonitrile/Carbon Nanotubes Composite Fibers during Wet Spinning Process", Materials, August 2019 Vol. 12, Num. 17, Page 1-22, August 2019,
- Bahareh Azimi, Parviz Nourpanah, Mohammad Rabiee, Shahram Arbab, Maria Grazia Cascone, Andrea Baldassare, Luigi Lazzeri, "application of the dry-spinning method to produce poly(e-caprolactone)fibers containing bovin serum albumin laden gelatin nanoparticles", JOURNAL OF APPLIED POLYMER SCIENCE, August 2016 Vol. 44233, Num. 1, Page 1-9, August 2016,
- Ehsanollah Nosratiyan Sabet, Parviz Nourpanah, Shahram Arbab, "Quantitative analysis of entropic stress effect on the structural rearrangement during pre-stabilization of PAN precursor fibers", POLYMER, March 2016 Vol. 90, Num. 0, Page 138-146, March 2016,

- 5 Bahareh Azimi, Parviz Nourpanah, Mohammad Rabiee, Shahram Arbab, Maria Grazia Cascone, Andrea Baldassare, Luigi Lazzeri, "Application of response surface methodology to evaluate the effect of dry-spinning parameters on poly (ϵ -caprolactone) fiber properties", JOURNAL OF APPLIED POLYMER SCIENCE, March 2015 Vol. 132, Num. 24, Page 1-13, March 2015,
- 6 Bahareh Azimi, Parviz Nourpanah, Mohammad Rabiee, Shahram Arbab, "Poly (ϵ -caprolactone)Fiber:An Overview", JOURNAL OF ENGINEERED FIBERS AND FABRICS, June 2014 Vol. 9, Num. 3, Page 74-90, June 2014,
- 7 Shahram Arbab, Hamideh Mirbaha, Ahmad Zeinolebadi, Parviz Nourpanah, "Indicators for evaluation of progress in thermal stabilization reactions of polyacrylonitrile fibers", JOURNAL OF APPLIED POLYMER SCIENCE, June 2014 Vol. 131, Num. 11, Page 40343-40343, June 2014,
- 8 Bahareh Azimi, Parviz Nourpanah, Mohammad Rabiee, Shahram Arbab, "Poly (lactide -co- glycolide) Fiber: An Overview", JOURNAL OF ENGINEERED FIBERS AND FABRICS, March 2014 Vol. 9, Num. 1, Page 47-66, March 2014,
- 9 Mohsen Askari, Babak Rezaei, Ahmad Mousavi Shoushtari, Parviz Nourpanah, Majid Abdouss, Mozhdeh Ghani, "Fabrication of High Performance Chitosan/Polyvinyl Alcohol Nanofibrous Mat With Controlled Morphology and Optimised Diameter", CANADIAN JOURNAL OF CHEMICAL ENGINEERING, February 2014 Vol. 92, Num. 6, Page 1008-1015, February 2014,
- 10 Bahareh Azimi, Parviz Nourpanah, Mohammad Rabiee, Shahram Arbab, "Producing Gelatin Nanoparticles as Delivery System for Bovine Serum Albumin", IRANIAN BIOMEDICAL JOURNAL, January 2014 Vol. 18, Num. 1, Page 34-40, January 2014,
- 11 Hamideh Mirbaha, Shahram Arbab, Ahmad Zeinolebadi, Parviz Nourpanah, "An investigation on actuation behavior of polyacrylonitrile gel fibers as a function of microstructure and stabilization temperature", SMART MATERIALS & STRUCTURES, March 2013 Vol. 22, Num. 4, Page 45019-45019, March 2013,
- 12 Hamideh Mirbaha, Shahram Arbab, Parviz Nourpanah, "Stimuli Responsive Hydrogels and Polyacrylonitrile Gel Fibers", , April 2012 Vol. 2, Num. 2, Page 81-96, April 2012,
- 13 Shahram Arbab, Parviz Nourpanah, Naser Mohammadi, Ahmad Zeinolebadi, "Exploring the Effects of Non-solvent Concentration, Jet-Stretching and Hot-Drawing on Microstructure Formation of Poly(acrylonitrile) Fibers During Wet-Spinning.", JOURNAL OF POLYMER RESEARCH, January 2011 Vol. 0, Num. 0, Page 0-0, January 2011,
- 14 Shahram Arbab, Parviz Nourpanah, Naser Mohammadi, Ahmad Zeinolebadi, "Simultaneous Effects of Polymer Concentration, Jet-stretching and Hot-drawing on Microstructural Development of Wet-spun Poly(acrylonitrile) Fibers.", POLYMER BULLETIN, January 2011 Vol. 0, Num. 0, Page 0-0, January 2011,
- 15 Shahram Arbab , Naser Mohammadi, Parviz Nourpanah, "The Synergistic Effect of Dope Concentration and Jet-Drawing on Structure Development of Wet-Spun Poly(Acrylonitrile)", , May 2008 Vol. , Num. 80, Page 0-0, May 2008,
- 16 Shahram Arbab , Naser Mohammadi, Parviz Nourpanah, "Designing index of void structure and tensile modulus in wet-spun poly(acrylonitrile) proto-fibres. Part II: Synergistic effect of dope non-solvent concentration and jet draw ratio", , March 2008 Vol. , Num. 17, Page 0-0, March 2008,
- 17 Shahram Arbab , Parviz Nourpanah, Naser Mohammadi, Mohsen Soleimani Kheibari, "Designing Index of Void Structure and Tensile Properties in Wet -Spun Polyacrylonitrile (Pan)Fiber.I.Effect of Dope Polymer or Nonsolvent Concentration", , March 2008 Vol. , Num. 109, Page 0-0, March 2008,
- 18 Farshid Sharifnejad, S.Hajir Bahrami, Parviz Nourpanah, "Kinetics Studies on Copolymerization of Acrylonitrile Vinyl Acids by Solvent _Water Suspension Polymerization", , August 2005 Vol. , Num. 97, Page 0-0, August 2005,
- 19 S.Hajir Bahrami, Parviz Nourpanah, "Kinetics studies on copolymerization of acrylonitrile vinyl acids by solvent water suspension polymerization", , August 2005 Vol. , Num. , Page 0-0, August 2005,

Conference Papers

Portal Records

- 1 , Hamideh Mirbaha, Ahmad Zeinolebadi, Parviz Nourpanah, "A novel method for determination of occurrence order of stabilization reactions in carbon fiber precursor ", 17th World Textile Conference Autex 2017, May 2017

- 2 Hamideh Mirbaha, , Parviz Nourpanah, "Dependence of behavior of carbon fiber precursor to heating rate in stabilization process ", 10th National conference of Textile Engineering, April 2016
- 3 Ehsanollah Nosratiyan Sabet, Parviz Nourpanah, Shahram Arbab, "Thermal-Induced Stress Evolution During Stabilization Process of PAN Precursor Fibers ", 15th AUTEX World Textile Conference, June 2015
- 4 Hamideh Mirbaha, Shahram Arbab, Parviz Nourpanah, "SEPARATION OF TEMPERATURE RANGE OF STABILIZATION REACTIONS IN CRYSTALLINE AND AMORPHOUS REGION OF CARBON FIBER PRECURSORS ", 15th AUTEX World Textile Conference, June 2015
- 5 Sayyed Ali Mohammadpoor, Somayeh Akbari, Parviz Nourpanah, Mohammad Haghghat Kish, "PVA/ PEI Hyperbranched Nanofibrous Mat for Potential Application as a Transdermal Drug Delivery System ", 11th International Seminar on Polymer Science and Technology, October 2014
- 6 Bahareh Azimi, Parviz Nourpanah, Mohammad Rabiee, M.G.Cascone, A.Baldassare, Shahram Arbab, L.Lazzeri, "Application of Central Composite Design to Evaluate the Effect of Dry- Spinning Parameters on PCL Fibers Properties ", 26th European Conference on Biomaterials, Liverpool, 31st August – 3rd September 2014, August 2014
- 7 Hamideh Mirbaha, Parviz Nourpanah, Shahram Arbab, "Quantification of Stabilization Reactions in Polyacrylonitrile Fibers as Carbon Fiber Precursor ", 14th World Textile Conference- AUTEX 2014, May 2014
- 8 Hamideh Mirbaha, Shahram Arbab, Parviz Nourpanah, "Smart PAN Gel-fibers Behaviour Influenced by Chemical Composition and Activation Conditions ", 14th World Textile Conference, May 2014
- 9 Bahareh Azimi, Parviz Nourpanah, Mohammad Rabiee, Shahram Arbab, "GELATIN NANOPARTICLES PRODUCED BY DESOLVATING METHOD AS DELIVERY SYSTEM FOR BSA. ", The International Istanbul Textile Congress 2013, May 2013
- 10 Bahareh Azimi, Parviz Nourpanah, Shahram Arbab, Mohammad Rabiee, "Poly (lactide -co- glycolide) Fiber: An Overview ", The 9th SPSJ International Polymer Conference- IPC 2012, December 2012
- 11 Mohsen Askari, Babak Rezaei, Ahmad Mousavi Shoushtari, Parviz Nourpanah, Majid Abdouss, Mozhdeh Ghani, "USING THE BOX-BEHNKEN DESIGN TO OPTIMIZE THE DIAMETER OF ELECTROSPUN CHITOSAN/PVA BIONANOFIBERS ", 5TH TEXTEH INTERNATIONAL CONFERENCE, October 2012
- 12 Parviz Nourpanah, Ehsanollah Nosratiyan Sabet, Amir Kave, "The study of modified carbon fiber surfaces by electrochemical method ", 10th International Seminar of Polymer Science and Technology- ISPST 2012, October 2012
- 13 Hamideh Mirbaha, Shahram Arbab, Ahmad Zeinolebadi, Parviz Nourpanah, "Structure-Property Relationship of Oxidized Polyacrylonitrile Gel-Fibers as Potential Artificial Muscles ", Polymers for Advanced Technologies, October 2011
- 14 Shahram Arbab, Parviz Nourpanah, "Calorimetric Investigation of the Structural Development of Wet-Spun Polyacrylonitrile Fibers. ", International Textile Conference, November 2010
- 15 Shahram Arbab, Parviz Nourpanah, "Effect of processing condition on structural development of Carbon fibers from Special and Commercial PAN fibers. ", 9th International Conference on Polymer Science and Technology, November 2009
- 16 Shahram Arbab, Parviz Nourpanah, N. Mohammadi, M. Soleimani, "The role of Interactive and Resistive Forces on Pore formation in Wet Spinning of Polyacrylonitrile. ", . International Fiber Conference, July 2006
- 17 Naser Mohammadi, Shahram Arbab , Parviz Nourpanah, "Wet Spinning of Polyacrylonitrile: Hole Formation, Its Morphology and Final Mechanical Properties ", , September 2005
- 18 Shahram Arbab , Mohammad Reza Mohaddes Mojtahedi, Parviz Nourpanah, "Effect of molecular weight and spinning temperature on physical and structural properties of as - spun PP filaments in melt spinning process ", Polymer fibres 2004, July 2004
- 19 Farzad Khashayar, Parviz Nourpanah, Mohammadsaeed Tavassoli, "the study of some physical and mechanical properties of three different polymers in the oriented and unoriented state at different chemical ", , June 2003
- 20 Shahram Arbab , Mohammad Reza Mohaddes Mojtahedi, Parviz Nourpanah, "Effect of molecular weight and spinning speed on physical and structural properties of as-spun filaments in melt spinning process ", 6th Iranian Seminar on Polymer Science and Technology - ISPST 2003, May 2003

21 Parviz Nourpanah, "measurement of the free velocity of acrylic polymer during fibre production " , , January 1998

22 Parviz Nourpanah, Mohammad Haghghat Kish, "Mechanical Properties of Polyester/Viscose /Acrylic Blended Yarn " , October 1995

Inventions/Patents

#	Invention title	Reg. number	Country	contributors	Reg. date	Exp. date
1	synthesis and production of poly[acrylonitrile] methacrylic acid with high molecular weight for carbon fiber precursor	38707206			2008/09/1	2028/09/1
2	SYNTHESIS AND PRODUCTION OF POLY ACRYLNITRILE-ACRYLIC a CrYIIC aCID wIth mOLECULAr weIghT for CarBON Fiber preCursr	38707210			2008/09/1	2028/09/1
3	synthesis and production fo poly acrylonitrle -Itaconic acid with high molecular weight for carbon fiber precursor	38707208			2008/09/1	2028/09/1