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760

Supervised PhD Theses

#	Thesis title	By	Date
1	structure,physical and mechanical properties and porosity of electrospun PLLA/PEO nano fibers	Maryam Rajabian & Mohammad Haghghat Kish	March 2011
2	determination of the effective parameters in machanism of photo-oxidative degradation of melt-spun PP/clay nanocomposites filaments	Samira Aslanzadeh & Mohammad Haghghat Kish	October 2010
3	Investigation and Evaluatin of the Effect of Kind and Level of Pigment on the light Stability of Polypropylene Fibers	Zahra Ahmadi & Mohammad Haghghat Kish	November 2007

Supervised MSc Theses

#	Thesis title	By	Date
1	Comparison of dye diffusion in plastic pieces such as buttons and color matching with fabric	Arash Ghelichkhani & Mohammad Haghghat Kish	April 2021
2	Comparison of dye diffusions in wood and natural cellulose fibers	Mohammad Hosein Zafari & Mohammad Haghghat Kish	April 2021
3	Preparation and characterization of casted film from silk proteins	Leila Hassani & Mohammad Haghghat Kish	February 2020

4	Extraction of micro- and nano-fibrils from blended films of polyvinyl alcohol/polypropylene	Shahin Hatami & Mohammad Haghghat Kish	July 2019
5	Electrospinning of nanocomposite mat containing cellulose Nano - crystals and x- ray absorbent compounds for surgical pads application	Melika Roozbahani & Mohammad Haghghat Kish	February 2019
6	Relation between mechanical dynamical properties and impact resistance of poly vinyl alcohol	Kourosh Sayar Dogahe & Mohammad Haghghat Kish	February 2019
7	Surface Modification of polyester(poly ethylene terphthalate) fibers by ethylenediamine and Comparision with the effect of amine Terminated dendritic group	Maryam Zobeydani & Mohammad Haghghat Kish	February 2019
8	Release of Essential oils Loaded in Electrospun Mats with Amine Terminated Dendritic Groups	Maryam Mounesan & Mohammad Haghghat Kish	October 2018
9	Electrospinning of poly (vinyl alcohol) and study on the effect of nano fiber diameter on absorbing and retaining of water	Farzaneh Majdabadi Farahani & Mohammad Haghghat Kish	February 2018
10	Needle-less electrospinning of layers from a natural polymer and frictional properties determination	Fatemeh Siufi & Mohammad Haghghat Kish	February 2018
11	wet spinning of polyvinyl alcohol (pva) with a highper branched polymer with terminal amine groups	Morteza Hashemi Olya & Mohammad Haghghat Kish	January 2018
12	functionalization of nano halloysite via carboxylic acid linkage and dendritic compounds for the removal of organic and inorganic pollutants	Mohammad Kanani Jazi & Mohammad Haghghat Kish	October 2017
13	Effects of salt on Physical Properties of Ordinary Textile Fibers	Farshad Nosrati & Mohammad Haghghat Kish	February 2017
14	Electrospinning of nylon/amine terminated dendritic groups as carrier system for essential oils	Niluphar Kamrudi & Mohammad Haghghat Kish	October 2016
15	Electrospinning of the blend of silk protein and polyamide 6	Ayda Sadat Pourmostafa & Mohammad Haghghat Kish	October 2016
16	Effect of alkaline treatment on polyester (poly ethylene terephthalate) textured yarn for bonding with an amine terminated dendrimer	Elmira Kashi & Mohammad Haghghat Kish	February 2016
17	Effect of a dendritic structure on the contraction and expansion of acrilonitrile - acrylic acid electrospun fibers	Nafiseh Ghasemi & Mohammad Haghghat Kish	February 2016
18	Investigashion on Frictional properties of electrospun nano fiber web	Ghazale Khoshniat & Mohammad Haghghat Kish	February 2016
19	Evaluation of the effect of nanostructure dendritic compound on textiles using an electronic nose	Sahar Seify Gobac Tappe & Mohammad Haghghat Kish	October 2015
20	modification of acrylic fabric with sodium hydroxide	Mohsen Adeli & Mohammad Haghghat Kish	February 2015
21	modification of polylactic acid (PLLA) film and electrospun fibers by Hyperbranched polymers	Shirin Khalili Azar & Mohammad Haghghat Kish	October 2014
22	Assessment of smell of various fragrant textile	Sima Shakoorkhavan & Mohammad Haghghat Kish	October 2014
23	identification of opportunities and commercialization barriers about a nanofibrous product case study : wristband	Kimia Davoudi & Mohammad Haghghat Kish	October 2014
24	phase behavior of methyl methacrylate / poly ethylene oxide blend in process of electrospinning	Zeinab Sadat Hosseini Amerehei & Mohammad Haghghat Kish	December 2013

25	Design and construction of textile for heating	Tahmineh Nasrollahi Nasrabad & Mohammad Haghighat Kish	November 2013
26	stabilization of pitch for carbon nano fiber preparation	Arezoo Naderi & Mohammad Haghighat Kish	October 2013
27	RELEASE OF AROMA FROM PRODUCED NANOCAPSULES APPLIED TO FABRICS	Maryam Bayat & Mohammad Haghighat Kish	October 2013
28	The Use of Amine Terminated Dendrimer in dye ability, moisture absorption and physical properties modification of polyamide fibres	Zahra Afshari & Mohammad Haghighat Kish	October 2013
29	Effect of orientation and crystallinity on ultraviolet degradation of polypropylene filaments	Hoorieeh Abbasi Mahmoodabadi & Mohammad Haghighat Kish	January 2013
30	Measurement of Intrinsic Diffusion Coefficient in polymer solutions	Fatemeh Asadi & Mohammad Haghighat Kish	October 2012
31	Investigation of Disperse Dyes Affinity and Sorption Kinetic of the Polypropylene Nanocomposite Fibres and Films Loaded With Nanoclay	Navid Rabiei & Mohammad Haghighat Kish	January 2012
32	dendritic growth of electrospun acrylonitril/acrylic acid copolymer fibers	Ramin Reghanibarzagar & Mohammad Haghighat Kish	November 2011
33	Evaluation of Properties oil Pickup and Nano particles absorption of Hollow/ Solid Polyester Fiber Nonwoven Blends	Ali Salehirad & Mohammad Haghighat Kish	November 2011
34	Effect of Different Electrospun Fiber mat on Contact Angle	Bentolhoda Hadavimoghadam & Mohammad Haghighat Kish	October 2011
35	preparation of fiber from domestic pitch	Roghayeh Karami & Mohammad Haghighat Kish	October 2011
36	Synthesis of an amino-terminated hyperbranched polymer and study of its applications to fibers	Mahdi Hasanzadeh & Mohammad Haghighat Kish	October 2011
37	Alkaline Hydrolysis of Polyethylene Terephthalate (PET) Hollow Fibers	Soheila Mohammadzadehmoghadam & Mohammad Haghighat Kish	October 2010
38	Use of Image Processing in Evaluation of False-Twist Textured Yarns	Pari Naz Ghader Panah & Mohammad Haghighat Kish	February 2010
39	Fibrillation for micro and nano fiber formation	Ehsan Baghban Kochak & Mohammad Haghighat Kish	January 2010
40	Laboratory preparation of nano capsule and its application to textiles	Mahsa Kalantari & Mohammad Haghighat Kish	December 2009
41	Structure and properties of Nanofibers Produced from Nylon6 by Electrospinning	Mahsa Khodarahmi & Mohammad Haghighat Kish	December 2009
42	Computerized Calculation and Determination of Yarn Slippage in Woven Fabric	Farzan Gholamreza & Mohammad Haghighat Kish	December 2008
43	Identification of effects of heatsetting condition of acrylic carpet yarns for pile woven carpet	Zahra Said Morteza Hosaini & Mohammad Haghighat Kish	November 2008
44	Study of Compression Properties of nonwoven needle-punched fabrics Produced from Polypropylene and Polyester fibers	Parinaz Rabiee & Mohammad Haghighat Kish	November 2008
45	Crystallinity control in polyamide 6,6 asymmetric membrane using alcohol/metal halide	Payman Sobhanipour & Mohammad Haghighat Kish	November 2008

46	Study of needle-punch nonwoven fabrics from hollow and solid polyester fibers and their blend	Javad Lak & Mohammad Haghghat Kish	November 2008
47	Appliation of inorganic phase change materials with fabric	Farzad Mohaddes & Mohammad Haghghat Kish	November 2008
48	Study and Measurement thickness and resistance of electrospun nanofiber layers	Abas Ebrahimzadeh Alahabad & Mohammad Haghghat Kish	September 2008
49	COMPARISON BETWEEN THE EFFECTS OF UV LAMP AND XENON LAMP ON ACRYLIC FIBERS	Morteza Talebi & Mohammad Haghghat Kish	February 2008
50	INFLUENCE OF SILICA NANOLAYERS ON THE PHASE BEHAVIOR OF WATER/FORMIC ACID/POLYAMIDE 6 SYSTEM	Abbas Ghanbari & Mohammad Haghghat Kish	January 2008
51	EFFECT OF FRAW-TWISTING MACHINE VARIABLES ON THE PROPERTIES OF POLYPROPYLENE PLY YARNS	Mostafa Rahmaty & Mohammad Haghghat Kish	November 2007
52	EVALUZATION OF THE PROPERTIES OF NEEDED POLYPROPYLENE SHRINKABLE ACRYLIC FIBERS BLENDED NONWOVEN	Hamed Farkhondeh & Mohammad Haghghat Kish	October 2007
53	INFLUENCE OF FILM THICKNESS OF CASTING POLYMER SOLUTION ON STRUCTURE FORMATION OF ASYMMETRIC MEMBRANE	Sara Azari & Mohammad Haghghat Kish	October 2007
54	STUDY ON THE METHODS OF PHISICAL CHARACTERIZATION OF SPUN NANO FIBERS	Saman Pourshaban Nousheri & Mohammad Haghghat Kish	October 2007

Journal Papers

Portal Records

- Mohammad Kanani Jazi, Somayeh Akbari, Mohammad Haghghat Kish, "Efficient removal of Cr (VI) from aqueous solution by halloysite/poly (amidoamine) dendritic nano-hybrid materials: kinetic, isotherm and thermodynamic studies", *ADVANCED POWDER TECHNOLOGY*, August 2020 Vol. 31, Num. 31, Page 4018-4030, August 2020,
- Niluphar Kamrudi, Somayeh Akbari, Mohammad Haghghat Kish, "Enhanced control release of thyme essential oils from electrospun nanofiber/polyamidoamine dendritic polymer for antibacterial platforms", *POLYMERS FOR ADVANCED TECHNOLOGIES*, February 2020 Vol. 0, Num. 0, Page 1-13, February 2020,
- Niluphar Kamrudi, Somayeh Akbari, Mohammad Haghghat Kish, "The odour assessment of thyme essential oils in electrospun fibre mat with a virtual sensor array data and its relation to antibacterial activity", *JOURNAL OF MICROENCAPSULATION*, January 2020 Vol. 0, Num. 0, Page 1-17, January 2020,
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- Mohammad Haghghat Kish, Navid Rabiei, "Extraction of nanofibers from polymer blends: A brief review", *POLYMERS FOR ADVANCED TECHNOLOGIES*, February 2019 Vol. 135, Num. 12, Page 1-10, February 2019,
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- Somayeh Akbari, Nilofar Eslahi, Mohammad Haghghat Kish, "Evaluation of hydrophilic properties of acrylonitrile/acrylic acid copolymer films dendrigrated with citric acid", *Polyolefins Journal*, February 2017 Vol. 4, Num. 2, Page 1-8, February 2017,

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Conference Papers

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Inventions/Patents

#	Invention title	Reg. number	Country	contributers	Reg. date	Exp. date
1	ANTIBACTERIAL NANOFIBROUS LAYER	PCT/IB2018/055222			2018/07/1	2038/01/19
2	Simultaneous Electrospinning of essential oil containing dendritic polymers in polymeric solution.	94198			2017/11/1	2037/02/1

3	Surface modification of aliphatic polyester by dendritic polymeric materials with amine end groups	90971	2017/01/1	2036/04/1
4	The odor of textiles assessment machine	88983	2016/06/1	2035/12/1
5	The production of	69433- 01/30 /1390	2010/11/1	2030/11/1