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h-index (Scopus):
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Citations (Scopus):
1322

Supervised PhD Theses

#	Thesis title	By	Date
1	Synthesis of an one poly -Olefin Using Stereospecific Superactive Catalysts for Preparing DRA Lubricant based on 1- octene or 1 -decene	Hashem Hallajzadehniiry & Faramarz Afshar Taromi	October 2014

Supervised MSc Theses

#	Thesis title	By	Date
1	fabricating transparent flexible polymer electrode using graphene carbon nano structures	Farimah Aminfar & Faramarz Afshar Taromi	October 2021
2	Fabrication flexible transparent polymeric electrodes using metal strucures of silver nano	Rojin Jamalkhani & Faramarz Afshar Taromi	September 2021
3	optimization of microwave curing of nano-composite phenolic resin	Mahdi Monazzah & Faramarz Afshar Taromi	October 2020
4	synthesis and electrospinning of conductive polymers for buffer layer of polymer solar cells	Mohammad Ali Haghighat BaYan & Faramarz Afshar Taromi	May 2020
5	synthesis of polypyrrole and its nanocomposite with metal nanoparticles for polymer solar cell application	Mahdokht Kadkhodazadeh Moakher & Faramarz Afshar Taromi	May 2020

6	synthesis of polypyrrole or other conductive polymers and their electrospinning in the presence of graphene oxide for application in flexible solar cell	Mahboubeh Motadayen & Faramarz Afshar Taromi	May 2020
7	Synthesis of polyaniline and polypyrrole (preparation of their composite with nano metals for application in the gas sensor	Solaleh Yeganegi & Faramarz Afshar Taromi	February 2020
8	: Synthesise the composite of Small, sensitizer dye Molecules and conductive nano materials with P3HT In Polymeric Solar Cells	Bahareh Nasrollahi Nezhad Mohammadabadi & Faramarz Afshar Taromi	February 2019
9	Fabricate and improve the properties of the transparent and flexible electrodes based on polymer-metal nanowires - graphene derivatives hybrid structures in order to use in devices optoelectronic	Milad Kianpisheh & Faramarz Afshar Taromi	February 2019
10	Design and preparation the nano composite of conductive polymer and material with silver in polymer solar cells	Zahra Babaie & Faramarz Afshar Taromi	October 2018
11	modification of polythiophene like P3HT in polymer solar cell	Ghazaleh Khoshkhati & Faramarz Afshar Taromi	February 2018
12	Manufacturing and rheological characterization of poly(vinyl alcohol) double network hydrogels based on Iron nano particles and Gamma irradiation	Donya Monji & Faramarz Afshar Taromi	February 2018
13	synthesis of flexible solarcell by using graphene, CNT and...as electrode	Shima Amiri Rigi & Faramarz Afshar Taromi	October 2017
14	Synthesis and improvement of poly(3-hexylthiophene) (P3HT) in order to use in optoelectronic devices	Niloofer Yousefi & Faramarz Afshar Taromi	February 2017
15	study of interfacial interaction effect on SBR/Carbon fiber composite thermal properties	Zahra Najafinavaee & Faramarz Afshar Taromi	November 2016
16	Optimization formulation of EPDN/Graphene nanocomposite for controlling ablation behavior	Mahdieh Moradzadeh & Faramarz Afshar Taromi	October 2016
17	Production of polyethylene terephthalate with absorption UV by co-monomer NDA	Marziye Mohammadinezhad & Faramarz Afshar Taromi	October 2016
18	Synthesis of functional ionic liquid Hyperbranched polymers for increasing electrolyte charge transfer in Dye-sensitized solar cell	Nazanin Farmanbordar & Faramarz Afshar Taromi	October 2016
19	Synthesis of Polyurethane particles by step growth polymerization in a dispersed medium and survey its morphology in presence of nanosilica	Adel Mansoori & Faramarz Afshar Taromi	February 2016
20	Investigation the effect of synthesis method on optical and electrical properties of nanostructured polyaniline for application in polymer solar cells.	Farzane Arabiganje & Faramarz Afshar Taromi	October 2015
21	Quantum chemical calculation on the adsorption of an antihypertensive drug nanoparticles on ethylene glycol	Ahmad Mohamadi Denyani & Faramarz Afshar Taromi	February 2015
22	Synthesis of derivatives of polythiophene for improving their light-harvesting efficiency for application in polymer solar cell	Ronak Nikbakht & Faramarz Afshar Taromi	October 2014
23	synthesis of danesh tasbih-like nano polymer particles	Nasim Safari & Faramarz Afshar Taromi	February 2014
24	Preparation of PET and Modified CNT nanocomposite via in situ polymerization and feasibility study of use in sensor	Maryam Monzavi & Faramarz Afshar Taromi	October 2013
25	Investigation the electromechanical and electrochemical behaviors of ionic polymer metal nanocomposite (IPMNC) using ionic liquids	Maryam Safari & Faramarz Afshar Taromi	October 2013

26	Synthesis of copolymer of polyethylene terephthalate-dimethanol and feasibility study on using in thermoforming with nanoparticles	Farideh Akbari Baghbani & Faramarz Afshar Taromi	October 2013
27	preparation and characterization of solution processed graphene transparent electrodes for application in flexible polymer solar cells	Shiva Moaven & Faramarz Afshar Taromi	October 2013
28	Investigation of effective parameters on electrochemical synthesis of polythiophene on nanostructured Pt electrode for application in Artificial muscles	Erfan Ghashghaei & Faramarz Afshar Taromi	October 2013
29	Synthesis of acrylamide based on nanolayer hydrogel on a metallic surface via electropolymerization	Farhad Shahsavan & Faramarz Afshar Taromi	October 2013
30	Synthesis of Nano-Sunflower Particles of PMMA/PS	Maryam Bayat Jozani & Faramarz Afshar Taromi	September 2013
31	Preparation of polyethylene terephthalate via in-situ polymerization and nano mineral for flame retardancy	Arman Mohammadi & Faramarz Afshar Taromi	February 2013
32	Synthesis and characterization of poly (ethylene-co-succinate) polyester and feasibility study of biodegradability	Rezvake Nayeb Abbasi & Faramarz Afshar Taromi	February 2013
33	Studying of structure of PET/MMT nanocomposite prepared by in-situ polymerization	Fatemeh Minavand Chal & Faramarz Afshar Taromi	October 2012
34	Synthesis and characterization of poly (2-methoxy-5-(2-ethylhexyloxy)-p-phenylenevinylene) (MEH-PPV) for potential use in PLEDs	Mahdi Samadi Khoshkhou & Faramarz Afshar Taromi	October 2012
35	Synthesis of A tissue glue, based on improving cell adhesion properties using peptide groups	Alireza Marandialamdari & Faramarz Afshar Taromi	September 2012
36	Structural optimization of Polyamide-based nanocomposite membrane	Nazanin Haddadpor & Faramarz Afshar Taromi	February 2012
37	Rheological study on swelling/deswelling behavior of thermo responsive PVME hydrogel in presence of spherical nanoparticles	Helia Sojoudiasli & Faramarz Afshar Taromi	February 2012
38	Study of the Effect of monomer type on preparation of Disc-like particles	Soleyman Hosseinzadeh & Faramarz Afshar Taromi	October 2011
39	Ethylene polymerization catalyzed by Zr-based-imino complexes system	Roya Zahedi & Faramarz Afshar Taromi	September 2011
40	investigation of the parameters effect on bead formation along nano-fibers	Shahrazad Rahmani & Faramarz Afshar Taromi	February 2011
41	synthesis, characterization and thermal properties of poly(trimethylene terephthalate) via direct esterification and preparation of nanocomposite PTT/clay by in situ polymerization	Sogol Naghavi Sheikheslami & Faramarz Afshar Taromi	February 2011
42	synthesis, characterization and thermal properties of nanocomposite PBT/nanoclay prepared by in-situ polymerization	Nina Heidarzadeh & Faramarz Afshar Taromi	February 2011
43	Emulsion Polymerization of polyvinyl acetate to obtain polymeric nanoparticle	Azin Mazloomjalali & Faramarz Afshar Taromi	February 2011
44	preparation of nanocomposite of poly (ethylene terephthalate-co-CHDM) - clay by in situ polymerization and investigation of kinetic and thermal properties	Hadi Shirali & Faramarz Afshar Taromi	February 2011
45	Synthesis of ligand and ultra metallocene catalyst for ethylene polymerization	Taybeh Powrjafardevin & Faramarz Afshar Taromi	September 2010
46	Production of styrene-based template nano particles in order to use as Zn-Catalyst support for propylene polymerization	Arsia Afshar Taromi & Faramarz Afshar Taromi	September 2009

47	Synthesis of PU Foam using recycled PET	Amirhossein Haghighi & Faramarz Afshar Taromi	January 2009
48	Synthesis of poly(Ethylene terephthalate) by titanium-based catalysts and modeling of polymerization	Ali Keshavarzian & Faramarz Afshar Taromi	December 2008
49	synthesis and modeling of copolymerization of poly(ethylene terephthalate)with isophthalic acid	Ghasem Bani Khalaf & Faramarz Afshar Taromi	December 2008
50	conversion PET-consumer (poly ethylene terephthalate) to epoxy resins	Ramin Shamsi & Faramarz Afshar Taromi	December 2008
51	SYNTHESIS OF UV CURABLE ACRYLATE - TERMINATED OLIGOESTER DERIVED FORM PET WASTE	Ehsan Mokhtari & Faramarz Afshar Taromi	September 2008
52	SYNTHESIS OF NON-OXIDISY, LONG OIL ALKYDRID ANHYDRIDE PHETALIC, POLYOL (GLYCEROL OR PENTAERITHRYTOL) AND FATTY ACID BY	Shirin Ali Akbarzadeh & Faramarz Afshar Taromi	December 2007
53	STUDY OF EFFECT OF NANOCCLAY ON STRUCTURE AND PROPERTIES OF POLYURETHANE FOAM	Hosein Sarafraz & Faramarz Afshar Taromi	July 2007
54	CONDENSATION COPOLYMERIZATION OF ETHYLENE TEREPHTHALATE CO-1,4- CYCLOHEXYLENE DIMETHYLENE TEREPHTHALATE WITH IV IN THE	Sanam Sepehri & Faramarz Afshar Taromi	March 2007
55	SYNTHESIS OF UNSATURATED POLYESTER RESIN FROM POSTCONSUMER PET	Sina Chaeichian & Faramarz Afshar Taromi	March 2007

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Nanobiotechnology: Principles and Applications	Zahra Shariatinia, Faramarz Afshar Taromi	Iran (Islamic Republic of)	November 2020	3
2	Nanobiotechnology: principles and applications	Zahra Shariatinia, Faramarz Afshar Taromi	Iran (Islamic Republic of)	May 2015	2
3	Nanobiotechnology: principles and applications	Zahra Shariatinia, Faramarz Afshar Taromi	Iran (Islamic Republic of)	April 2013	1

Journal Papers

Portal Records	
1	Zahra Moridi Mahdieh, Shahla Shekarriz, Faramarz Afshar Taromi, "The Effect of Silver Concentration on Ag-TiO ₂ Nanoparticles Coated Polyester/Cellulose Fabric by In situ and Ex situ Photo-reduction Method – A Comparative Study", FIBERS AND POLYMERS, April 2020 Vol. 22, Num. 1, Page 87-96, April 2020,
2	Alireza Mohebali, Majid Abdouss, Faramarz Afshar Taromi, "Fabrication of biocompatible antibacterial nano wafers based on HNT/PVA nanocomposites loaded with minocycline for burn wound dressing", MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, February 2020 Vol. 110, Num. 0, Page 110685-110701, February 2020,

- 3 Neda Aala, Morteza Ebrahimi, Faramarz Afshar Taromi, "A comprehensive study on the synthesis of highly pure dicyetyl peroxydicarbonate in a microreactor", CHEMICAL ENGINEERING AND PROCESSING-Process Intensification, November 2019 Vol. 147, Num. 11, Page 107741-107741, November 2019,
- 4 Nazanin Farmanbordar, Elahe Kowsarie, Salar Balou, Abbas Moradi, Faramarz Afshar Taromi, "Preparation of porous biomass-derived hydrothermal carbon modified with terminal amino hyperbranched polymer for prominent Cr(VI) removal from water", BIORESOURCE TECHNOLOGY, May 2019 Vol. 288, Num. 1, Page 12154-12154, May 2019,
- 5 Tayebah Pourjafar Devin, Zahed Ahmadi, Faramarz Afshar Taromi, "Biocompatible PLA/PHB coatings obtained from controlled solid state polymerization", PROGRESS IN ORGANIC COATINGS, March 2019 Vol. 132, Num. 0, Page 41-49, March 2019,
- 6 Bahareh Rezaei, Faramarz Afshar Taromi, Zahed Ahmadi, Shima Amiri Rigi, Niloofar Yousefi, "High conductive ITO-free flexible electrode base on Gr-grafted-CNT/Au NPs for optoelectronic application", OPTICAL MATERIALS, January 2019 Vol. 89, Num. 0, Page 441-451, January 2019,
- 7 Bahareh Rezaei, Faramarz Afshar Taromi, Zahed Ahmadi, Shima Amiri Rigi, Niloofar Yousefi, "Enhancement of power conversion efficiency of bulk heterojunction polymersolar cells using core/shell, Au/graphene plasmonic nanostructure", MATERIALS CHEMISTRY AND PHYSICS, January 2019 Vol. 228, Num. 228, Page 325-335, January 2019,
- 8 Nina Heidarzadeh, Mehdi Rafizadeh, Faramarz Afshar Taromi, Jordi Puiggali, Luis J Del Valle, "Nucleating and retarding effects of nanohydroxyapatite on the crystallization of poly(butylene terephthalate-co-alkylene dicarboxylate)s with different lengths", JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, December 2018 Vol. 0, Num. 0, Page 1-15, December 2018,
- 9 Vida Montazeri Davoudi, Zahed Ahmadi, Faramarz Afshar Taromi, "A journey across the solid state polymerization to assess the role of critical factors influencing the molecular weight of polylactic acid", JOURNAL OF VINYL & ADDITIVE TECHNOLOGY, August 2018 Vol. 24, Num. 3, Page 192-199, August 2018,
- 10 Zahra Moridi Mahdieh, Shahla Shekarriz, Faramarz Afshar Taromi, Majid Montazer, "Obtention of 74:26 polyester/cellulose fabric blend with Super-hydrophobic and Super-hydrophilic properties by air corona discharge treatment and their characterization", CARBOHYDRATE POLYMERS, June 2018 Vol. 0, Num. 0, Page 0-0, June 2018,
- 11 Tayebah Pourjafar Devin, Zahed Ahmadi, Faramarz Afshar Taromi, "Investigation on Crystallinity Behavior of the Polylactic Acid and Poly-3-hydroxybutyrate Bio-based Polymers in the Presence of the Pyromellitic Anhydride", Journal of Applied Biotechnology Reports, March 2018 Vol. 4, Num. 3, Page 661-668, March 2018,
- 12 Roya Pourshoushtar, Zahed Ahmadi, Faramarz Afshar Taromi, "Formation of 3D networks in polylactic acid by adjusting the cross-linking agent content with respect to processing variables: a simple approach", IRANIAN POLYMER JOURNAL, March 2018 Vol. 27, Num. 5, Page 329-337, March 2018,
- 13 Tayebah Pourjafar Devin, Zahed Ahmadi, Faramarz Afshar Taromi, "Bio-based solution-cast blend films based on polylactic acid and polyhydroxybutyrate: Influence of pyromellitic dianhydride as chain extender on the morphology, dispersibility, and crystallinity", PROGRESS IN ORGANIC COATINGS, February 2018 Vol. 119, Num. 5, Page 23-30, February 2018,
- 14 Zahra Moridi Mahdieh, Shahla Shekarriz, Faramarz Afshar Taromi, Majid Montazer, "A new method for in situ synthesis of Ag-TiO₂ nanocomposite particles on polyester/cellulose fabric by photoreduction and self-cleaning properties", CELLULOSE, February 2018 Vol. 0, Num. 0, Page 1-12, February 2018,
- 15 Sholeh Kazemifard, Laila Naji, Faramarz Afshar Taromi, "Enhancing the photovoltaic performance of bulk heterojunction polymersolar cells by adding Rhodamine B laser dye as co-sensitizer", JOURNAL OF COLLOID AND INTERFACE SCIENCE, January 2018 Vol. 515, Num. 0, Page 139-151, January 2018,
- 16 Hasan Ryazi, Azam Jalali Arani, Faramarz Afshar Taromi, "In situ synthesis of silica/polyacrylate nanocomposite particles simultaneously bearing carboxylate and sulfonate functionalities via soap-free seeded emulsion polymerization", MATERIALS CHEMISTRY AND PHYSICS, January 2018 Vol. 207, Num. 0, Page 470-478, January 2018,
- 17 Nazanin Haddadpor, Zahed Ahmadi, Zahra Shariatinia, Faramarz Afshar Taromi, "Nanofiltration Membranes Based on PA6/EVOH With Variable Composition and Morphology", JOURNAL OF VINYL & ADDITIVE TECHNOLOGY, January 2018 Vol. 2, Num. 2, Page 1-7, January 2018,

- 18 Hasan Azizi, Zahed Ahmadi, Faramarz Afshar Taromi, "An in-depth study on crystallization kinetics of PET/PLA blends", *IRANIAN POLYMER JOURNAL*, November 2017 Vol. 27, Num. 1, Page 13-22, November 2017,
- 19 Zahra Moridi Mahdieh, Shahla Shekarraz, Faramarz Afshar Taromi, Zahra Shariatinia, "photo", *Advanced Materials Materials and Novel Coatings*, October 2017 Vol. 6, Num. 22, Page 1587-1596, October 2017,
- 20 Nina Heidarzadeh, Mehdi Rafizadeh, Faramarz Afshar Taromi, Jordi Puiggal, Lu?S J. Del Valle, Lourdes Franco, "Preparation of random poly(butylene alkylate-co-terephthalate)s with different methylene group Contents: crystallization and degradation kinetics", *JOURNAL OF POLYMER RESEARCH*, September 2017 Vol. 163, Num. 24, Page 1-15, September 2017,
- 21 Sogol Naghavi Sheikholeslami, Mehdi Rafizadeh, Faramarz Afshar Taromi, Hadi Shirali, "In-Situ Preparation of Poly(butylene succinate-co-butylene fumarate)/Hydroxyapatite Nanocomposite", *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, August 2017 Vol. 56, Num. 37, Page 10343-10353, August 2017,
- 22 Azin Mazloom Jalali, Zahra Shariatinia, Faramarz Afshar Taromi, "Desulfurization efficiency of polydimethylsiloxane/silica nanoparticle nanocomposite membranes: MD simulations", *COMPUTATIONAL MATERIALS SCIENCE*, July 2017 Vol. 139, Num. 1, Page 115-124, July 2017,
- 23 Hadi Shirali, Mehdi Rafizadeh, Faramarz Afshar Taromi, Esmail Jabbari, "Fabrication of in situ polymerized poly(butylene succinate-co-ethylene terephthalate)/hydroxyapatite nanocomposite to fibrous scaffolds for enhancement of osteogenesis", *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A*, June 2017 Vol. 105, Num. 9, Page 2622-2631, June 2017,
- 24 Farzane Arabiganje, Faramarz Afshar Taromi, Laila Naji, Zahra Fakharan, "Application of poly aniline nanostructures in energy generation and production devices", *Iran Polymer Technology Research and Development*, May 2017 Vol. 2, Num. 1, Page 17-28, May 2017,
- 25 Seyed Ali Nezamzadeh Ghalesari, Zahed Ahmadi, Faramarz Afshar Taromi, "From microstructure to mechanical properties of compatibilized polylactide/thermoplastic starch blends", *JOURNAL OF APPLIED POLYMER SCIENCE*, April 2017 Vol. 134, Num. 16, Page 1-9, April 2017,
- 26 Maryam Safari, Laila Naji, Richard T. Baker, Faramarz Afshar Taromi, "Influence of Electrolytes of Li salts, EMIMBF4 and Mixed Phases on Electrochemical and Physical Properties of Nafion Membrane", *JOURNAL OF APPLIED POLYMER SCIENCE*, April 2017 Vol. 134, Num. 35, Page 45239-45250, April 2017,
- 27 Nina Heidarzadeh, Mehdi Rafizadeh, Faramarz Afshar Taromi, Luis J. Del Valle, Lourdes Franco, Jordi Piggali, "Biodegradability and biocompatibility of copoly(butylene sebacate-co-terephthalate)s", *POLYMER DEGRADATION AND STABILITY*, January 2017 Vol. 135, Num. 1, Page 18-30, January 2017,
- 28 Azin Mazloom Jalali, Faramarz Afshar Taromi, Mohammad Atai, Laleh Solhi, "An Insight into the Silanization of Montmorillonite Nanoparticles", *CHEMICAL ENGINEERING COMMUNICATIONS*, November 2016 Vol. 204, Num. 2, Page 176-181, November 2016,
- 29 Hadi Shirali, Mehdi Rafizadeh, Faramarz Afshar Taromi, "In-situ Polymerized Poly(butylene succinate-co-ethylene terephthalate)/hydroxyapatite Nanocomposite with Adjusted Thermal, Mechanical and Hydrolytic Degradation Properties", *MACROMOLECULAR RESEARCH*, October 2016 Vol. 24, Num. 10, Page 900-908, October 2016,
- 30 Sogol Naghavi Sheikholeslami, Mehdi Rafizadeh, Faramarz Afshar Taromi, Hadi Shirali, "Crystallization and photocuring kinetics of biodegradable poly(butylene succinate-co-butylene fumarate) short-segmented block copolyester", *POLYMER INTERNATIONAL*, September 2016 Vol. -, Num. 0, Page 0-0, September 2016,
- 31 Nina Heidarzadeh, Mehdi Rafizadeh, Faramarz Afshar Taromi, Luis Javier Del Valle, Lourdes Franco, Jordi Piggali, "Effect of Hydroxyapatite Nanoparticles on the Degradability of Random Poly(butylene terephthalate-co-aliphatic dicarboxylate)s Having a High Content of Terephthalic Unit", *Polymers-OPEN*, July 2016 Vol. 253, Num. 8, Page 1-21, July 2016,
- 32 Azin Mazloom Jalali, Faramarz Afshar Taromi, Mohammad Atai, Laleh Solhi, "Effect of reaction conditions on silanisation of sepiolite nanoparticles", *JOURNAL OF EXPERIMENTAL NANOSCIENCE*, June 2016 Vol. 0, Num. 0, Page 1171-1183, June 2016,
- 33 Sogol Naghavi Sheikholeslami, Mehdi Rafizadeh, Faramarz Afshar Taromi, Hadi Shirali, Esmail Jabbari, "Material properties of degradable Poly(butylene succinate-co-fumarate) copolymer networks synthesized by polycondensation of pre-homopolyesters", *POLYMER*, June 2016 Vol. 98, Num. 0, Page 70-79, June 2016,

- 34 Zahra Shariatinia, Azin Mazloom Jalali, Faramarz Afshar Taromi, "Molecular dynamics simulations on desulfurization of n-octane/thiophene mixture using silica filled polydimethylsiloxane nanocomposite membranes", *MODELLING AND SIMULATION IN MATERIALS SCIENCE AND ENGINEERING*, February 2016 Vol. 24, Num. 0, Page 0-0, February 2016,
- 35 Sholeh Kazemifard, Laila Naji, Faramarz Afshar Taromi, Zahra Fakhara, "Polymer solar cells and their performance mechanism and characterization", , February 2016 Vol. 6, Num. 3, Page 65-75, February 2016,
- 36 Sholeh Kazemifard, Laila Naji, Faramarz Afshar Taromi, Zahra Fakhara, "Review on different types of solar cells and their performance mechanism", , February 2016 Vol. 1394, Num. 2, Page 63-71, February 2016,
- 37 Hosein Garebaghi, Mehdi Rafizadeh, Faramarz Afshar Taromi, "Synthesis of exfoliated PA66 nanocomposites via interfacial polycondensation: effect of layered silicate and silica nanoparticles", *BULLETIN OF MATERIALS SCIENCE*, February 2016 Vol. 39, Num. 4, Page 935-941, February 2016,
- 38 Roya Zahedi, Faramarz Afshar Taromi, Seyyed Heydar Mirjahanmardi, Mehdi Nekoomanesh Haghighi, Khosrow Jadidi, Roghayeh Jamjah, "Propylene Polymerization over MgCl₂-Supported Ziegler–Natta Catalysts Containing Tri-Ether as the Internal Donor", *ADVANCES IN POLYMER TECHNOLOGY*, January 2016 Vol. 0, Num. 0, Page 21651-21661, January 2016,
- 39 Roya Zahedi, Faramarz Afshar Taromi, Seyyed Heydar Mirjahanmardi, Mehdi Nekoomanesh Haghighi, Khosrow Jadidi, Roghayeh Jamjah, "New penta-ether as the internal donor in the MgCl₂-supported Ziegler-Natta catalysts for propylene polymerization", *CHINESE JOURNAL OF POLYMER SCIENCE*, January 2016 Vol. 34, Num. 3, Page 268-279, January 2016,
- 40 Maryam Safari, Laila Naji, Richard T. Baker, Faramarz Afshar Taromi, "The enhancement effect of lithium ions on actuation performance of ionic liquid-based IPMC soft actuators", *POLYMER*, October 2015 Vol. 76, Num. 0, Page 140-149, October 2015,
- 41 Zeinab Rajabi, Faramarz Afshar Taromi, Ali Kargari, Hamidreza Sanaeepur, "CO₂/N₂ Gas separation Using Nanocomposite Membranes Comprised of Ethylene-Propylene-Diene Monomer /Multi-Walled Carbon Nanotubes (EPDM/MWCNT)", *Iranian Journal of Polymer Science and Technology (IJPST)*, September 2015 Vol. 28, Num. 3, Page 211-224, September 2015,
- 42 Zeinab Rajabi, Faramarz Afshar Taromi, Ali Kargari, Hamidreza Sanaeepur, "CO₂/N₂ Gas Separation Using Nanocomposite Membranes Comprised of Ethylene-Propylene-Diene Monomer/Multi-Walled Carbon Nanotube (EPDM/MWCNT)", , August 2015 Vol. 28, Num. 3, Page 211-224, August 2015,
- 43 Somayeh Mohamadi, Homeria Shariatpanahi, Faramarz Afshar Taromi, "influence of hybrid functionalized graphite nanoplatelets- tripolyphosphate on improvement in fire protection of intrumescent fire resistive coating for steel structures", *POLYMER DEGRADATION AND STABILITY*, July 2015 Vol. 120, Num. 111, Page 135-148, July 2015,
- 44 Jaber Nasrollah Gavvani, Hamed Sharify Dehsari, Amirhossein Hasani, Mojtaba Mahyari, Elham Khodabakhshi Shalamzari, Alireza Salehi, Faramarz Afshar Taromi, "A room temperature volatile organic compound sensor with enhanced performance, fast response and recovery based on N-doped graphene quantum dots and poly (3,4-ethylenedioxythiophene) - poly(styrenesulfonate) nanocomposite", *RSC Advances*, July 2015 Vol. 5, Num. 3, Page 57559-5767, July 2015,
- 45 Somayeh Mohamadi, Faramarz Afshar Taromi, Homeira Shariatpanahi, Jaber Neshati, "Improvement in Dispersion of Phosphate Pigments Modified by Functionalized Graphite Nanoplatelets and Its Influence on Epoxy Coating Adhesion", *POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING*, May 2015 Vol. 54, Num. 11, Page 1144-1151, May 2015,
- 46 Hadi Goldansaz, Fatemeh Goharpey, Faramarz Afshar Taromi, Li Kim, Florian J.Stadler, Evelyne Van Ruymbeke, Vahid Karimkhani, "Anomalous rheological behavior of dendritic nanoparticle/linear polymer nanocomposites", *MACROMOLECULES*, May 2015 Vol. 48, Num. 10, Page 3368-3375, May 2015,
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- 48 Amirhossein Hassani, Hamed Sharify Dehsari, Jaber Nasrollah Gavvani, Elham Khodabakhshi Shalamzari, Alireza Salehi, Faramarz Afshar Taromi, Mojtaba Mahyari, "sensor for volatile organic compounds using an interdigitated gold electrode modified with a nanocomposite made from poly (3,4-ethylenedioxythiophene) -poly (styrenesulfonate) and ultra – large grapheme oxide", *MICROCHIMICA ACTA*, April 2015 Vol. 7, Num. 15, Page 1-10, April 2015,

- 49 Alireza Zahedi, Mehdi Rafizadeh, Faramarz Afshar Taromi, "Optimization of phthalic /maleic anhydride-endcapped PET oligomers using reponse surface method", POLYMER ENGINEERING AND SCIENCE, March 2015 Vol. 54, Num. 2, Page 417-429, March 2015,
- 50 Shiva Moaven, Laila Naji, Faramarz Afshar Taromi, Farhad Sharif, "Effect of bending deformation on photovoltaic performance of flexible graphene/Ag electrode-based polymer solar cells", RSC Advances, March 2015 Vol. 39, Num. 5, Page 30889-30901, March 2015,
- 51 Niuosha Hekmatjoo, Zahed Ahmadi, Faramarz Afshar Taromi, Babak Rezaee, Farkhondeh Hemmati, Mohammadreza Saeb, "Modeling of glycolysis of flexible polyurethane foam wastes by artificial neural network methodology", POLYMER INTERNATIONAL, March 2015 Vol. 2, Num. 2, Page 1-11, March 2015,
- 52 Somayeh Mohamadi, Faramarz Afshar Taromi, Homeira Shariapanahi, Jabber Neshati, Mahmoud Hemmati, "Electrochemical and anticorrosion behavior of functionalized graphite nanoplatelets epoxy coating", JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, February 2015 Vol. 1, Num. 20, Page 1-16, February 2015,
- 53 Amirhossein Hasani, Hamed Sharify Dehsari, Ali Amiri Zarandi, Alireza Salehi, Faramarz Afshar Taromi, Hanif Kazerooni, "Visible light – Assisted photoreduction of graphene oxide using CdS nanoparticles and gas sensing properties", JOURNAL OF NANOMATERIALS, January 2015 Vol. 1, Num. 2015, Page 1-11, January 2015,
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