

Curriculum Vitae Pashaei

Name	Surname	Date of Birth	Nationality	Sex	Marital Status
Shahryar	Pashaei	۴/۵/۱۹۷۴	Iranian	male	Married

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Educational Background: (Last one First)

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
Ph. D	Polymer-Nanocomposites	University of Mysore, India	۲۰۱۱
M. Sc	Polymer - Chemistry	University of Mashhad, Iran	۲۰۰۳
B. Sc	Chemistry	University of Oroumieh, Iran	۲۰۰۰

Title of M. Sc Thesis (M. Sc): Chemical synthesis of conductive polyaniline and the study of their conductivity changes using various Dopands in different temperatures and different heating time.

Title of Doctorate Thesis (Ph. D): Investigation on mechanical, thermal, tribological and morphological behaviours of nanostructural filler incorporated polymer nanocomposites

Teaching Experiences: (Last One First)

Title of course	Level	From	to	Name of University
Organic and general Chemistry	B. SC	۲۰۰۴	۲۰۰۷	Payam Noor University

Publications:

Papers (Internationally refereed Journals)

LIST OF PUBLICATIONS

a) Papers in international journals

1. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed, "Thermal degradation kinetics of polyurethane/organically modified montmorillonite clay nano-composites by TGA", J. Macromolecular Sci. Part A: Pure and Appl. Chem., ۴۷, ۷۷۷-۷۸۳, ۲۰۱۰.
۲. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed, "Investigation on thermal, mechanical and morphological behaviours of organo nanoclay incorporated epoxy nanocomposites", J. Eng. and Appl. Sci., ۵ (۱۲), ۲۰۱۰.

۳. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed, "Investigation on mechanical, thermal and morphological properties of epoxy/UHWPE blends" J. Eng. Appl. Sci., ۵ (۱۲), ۲۰۱۰.
۴. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed: "Thermal characteristics of nanostructured filler incorporated polyvinyl ester nanocomposites", *Polymer-Plastics Tech. & Engg.*, ۵۰ (۱۰), ۹۷۳-۹۸۲, ۲۰۱۱.
۵. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed: "Investigation on mechanical, thermal and morphological behaviors of turmeric spent incorporated vinyl ester green composites", *Polymer-Plastics Tech. & Engg.*, ۵۰ (۱۲), ۱۱۸۷-۱۱۹۸, ۲۰۱۱.
۶. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed: "Thermal degradation kinetics of nylon ۶/GF/crysnano nanoclay nanocomposites by TGA", Chemical Industry and Chemical Engineering, ۱۷ (۲), ۱۴۱-۱۵۱, ۲۰۱۱. [doi:10.2294/CICEQ10.007.64P](https://doi.org/10.2294/CICEQ10.007.64P).
۷. **Shahryar Pashaei**, Siddaramaiah, Ali Souldozi, S. Usman Taqui Syed, Akheel Ahmed Syed: "Investigation on Thermal and Mechanical Behaviours of Crysnanoclay Incorporated Polyamide/Nanoclay Composites" Int. J. ChemTech Res, ۳(۳), ۱۲۹۲-۱۳۰۱, ۲۰۱۱.
۸. **Shahryar Pashaei**, Siddaramaiah, Akheel Ahmed Syed, G.Ramachandra Reddy, S. Srinivasa: "The Influence of Crysnanoclay Addition on Mechanical and Thermal Properties of Thermoplastic Polyurethane Elastomeric with Polycarbonate Nanocomposites" *Polymer-Plastics Tech. & Engg.*, ۵۱: ۹۰۹-۹۱۷, ۲۰۱۲.
۹. Naser Ghorbani, Soleyman Hosseinzadeh, **Shahryar Pashaei**, Alireza Hosseinzadeh, Hamed Allahverdian Hamidi, "The Effect of Produce Conditions for Preparation of Potentiometric Carbon Paste Sensor for Determination of Midazolam in Pharmaceutical" Int. J. Electrochem. Sci., ۹, ۳۷۷۲- ۳۷۸۳, ۲۰۱۴.
۱۰. Naser Ghorbani, Soleyman Hosseinzadeh, **Shahryar Pashaei**, Alireza Hosseinzadeh, "Preparation of Unique Potentiometric Carbon Paste Sensor for Determination of Diazepam in Pharmaceutical applications" Int. J. Electrochem. Sci., ۹, ۷۵۷۵- ۷۵۸۶, ۲۰۱۴.
۱۱. **Shahryar Pashaei**, Alireza Salehy Sadaghini, Siddaramaiah, G.Ramachandra Reddy: "Studies on Ginger Powder and Crysnanoclay Filled Acrylonitrile-Butadiene Rubber/Styrene Butadiene Rubber (NBR/SBR) Green Composites" Int. J. ChemTech Res, ۶ (۴), ۲۵۹۸-۲۶۱۰, ۲۰۱۴.
۱۲. **Shahryar Pashaei**, Soleyman Hosseinzadeh, "Modification in Physical Properties of Organo Clay Filled Polyurethane Nanocomposites" Polymer Science Series A, ۵۶(۶), ۸۷۴-۸۸۳, ۲۰۱۴.
۱۳. **Shahryar Pashaei**, Soleyman Hosseinzadeh, "Investigation on Thermal and Mechanical Behaviours of Organo Nanoclay Incorporated Polyamide/ Melamine Cyanurate/Nanoclay Composites" Int. J. ChemTech Res, ۷ (۴), ۲۵۹۸-۲۶۱۰, ۲۰۱۴.
۱۴. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Akheel Ahmed Syed, Studies on Coconut Shell Powder and Crysnanoclay Incorporated Acrylonitrile-Butadiene Rubber/Styrene Butadiene Rubber (NBR/SBR) Green Nanocomposites, POLYM. COMPOS., ۵, ۱-۸, ۲۰۱۵.

۱۵. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Preparation of Organo Nanoclay Incorporated Polyamide/ Melamine Cyanurate/Nanoclay Composites and Study on Thermal and Mechanical Behaviours, Iran. Chem. Commun. ۴, ۱۰۲-۱۱۴, ۲۰۱۶.
۱۶. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Study on Mechanical and Microcrystalline on Hybrid Nanocomposites by WAXS, Iran. Chem. Commun , ۴(۴), ۳۹۹-۴۱۳, ۲۰۱۶.
۱۷. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Nazanin Moludpoor, Fabrication and Characterization of Nanostructured TiO₂ and Turmeric Spent Incorporated Polystyrene Hybrid Nano Composites, Iran. Chem. Commun, ۵(۱), ۱۶-۲۷, ۲۰۱۷.
۱۸. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Sliding Wear Behaviour of Walnut Shell Powder Filled Vinyl Ester/WSP Green Composites, Iran. Chem. Commun , ۵(۱), ۱۵۴-۱۶۵, ۲۰۱۷.
۱۹. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Akheel Ahmed Syed, Studies on coconut shell powder and crysnanoclay incorporated acrylonitrile- butadiene rubber/styrene butadiene rubber (NBR/SBR) green nanocomposites, Polymer Composites, ۳۸(۴), ۷۲۷-۷۳۵, ۲۰۱۷.
۲۰. Soleyman Hosseinzadeh, **Shahryar Pashaei**, Younes Saadat, Zahra Khodaparast, Roshan Javanifar, Masoud Mohamadpour, Alireza Hosseinzadeh , Rapid production of monodisperse cross-linked red blood corpuscle-like particles via scalable one- pot dispersion polymerization, Polymer Science, Series B, ۵۹(۵), ۵۴۴-۵۵۰, ۲۰۱۷.
۲۱. Hossein Hosseinzadeh, Shahryar Pashaei, Soleyman Hosseinzadeh, Zahra Khodaparast, Sonia Ramin, Younes Saadat, Preparation of novel multi-walled carbon nanotubes nanocomposite adsorbent via RAFT technique for the adsorption of toxic copper ions, Science of the Total Environment, ۶۴۰, ۳۰۳-۳۱۴, ۲۰۱۸.
۲۲. Soleyman Hosseinzadeh, Hossein Hosseinzadeh, Shahryar Pashaei, Zahra Khodaparast, Synthesis of stimuli-responsive chitosan nanocomposites via RAFT copolymerization for doxorubicin delivery, International journal of biological macromolecules, ۱۲۱, ۶۷۷-۶۸۵, ۲۰۱۹.
۲۳. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Investigation on Physicomechanical, Thermal, and Morphological of Dipodal Silane-Modified Walnut Shell Powder-Filled Polyurethane Green Composites and Their Application for Removal of Heavy Metal Ions from Water, Polymer-Plastics Technology and Engineering, ۵۷(۱۲) ۱۱۹۷-۱۲۰۸, ۲۰۱۸.
۲۴. Hossein Hosseinzadeh, Soleyman Hosseinzadeh, Shahryar Pashaei, Fabrication of novel magnetic graphene oxide nanocomposites for selective adsorption of mercury, Environmental Science and Pollution Research, ۲۶(۲۶), ۲۶۸۰۷-۲۶۸۲۱, ۲۰۱۹.
۲۵. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Hossein Hosseinzadeh, TGA investigation and morphological properties study of nanocrystalline cellulose/ag- nanoparticles nanocomposites for catalytic control of oxidative polymerization of aniline, Polymer Composites, ۴۰(S۱), E۷۵۳-E۷۶۴, ۲۰۱۹.

۲۶. Soleyman Hosseinzadeh, Hossein Hosseinzadeh, **Shahryar Pashaei**, Fabrication of nanocellulose loaded poly(AA-co-HEMA) hydrogels for ceftriaxone controlled delivery and crystal violet adsorption, *Polymer Composites*, ۴۰ (۵۱), E۵۵۹-E۵۶۹, ۲۰۱۹.
۲۷. Hossein Hosseinzadeh, Soleyman Hosseinzadeh, **Shahryar Pashaei**, Naser Ghorbani, Rohollah Mazaherpour, *Polymers for Advanced Technologies*, ۳۰(۱۱), ۲۸۶۰-۲۸۷۱, ۲۰۱۹.
۲۸. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Basavarajaiah Siddaramaiah, Effect of carbon black and fly ash co-fillers content on mechanical and thermal behaviors of styrene butadiene rubber compounds, *Quarterly Journal of Iranian Chemical Communication*, ۷, ۱۸۰-۱۹۰, ۲۰۱۹.
۲۹. **Shahryar Pashaei**, Sarvin Mohammadi-Aghdam, Soleyman Hosseinzadeh, Physicomechanical, dynamic mechanical, and morphological properties of Polyurethane/NCC/AgNP nanocomposites and their application in removal of heavy metals from waste water, *Polymer Composites*, ۴۰(۱۰), ۴۰۰۴-۴۰۱۲, ۲۰۱۹.
۳۰. Zahra Khodaparast, **Shahryar Pashaei**, Sarvin Mohammadi-Aghdam, Hamid Reza Azimi, Soleyman Hosseinzadeh, Fabrication of silver nanoparticles with antibacterial property and preparation of PANI/M/Al^۳O^۳/Ag nanocomposites adsorbent using biological synthesis with study on chromium , *Journal of Inorganic and Organometallic Polymers and Materials*, ۳۰(۴), ۱۰۷۸-۱۰۸۹, ۲۰۲۰.
۳۱. Alireza Hosseinzadeh, **Shahryar Pashaei**, Soleyman Hosseinzadeh, Hassan Namazi , Surface modification of multiwalled carbon nanotubes via surface RAFT copolymerization method and capecitabine-loaded anticancer hydrogel for controlled drug delivery in stomach, *Polymer-Plastics Technology and Materials*, ۵۹(۱۶), ۱۸۱۲-۱۸۲۱, ۲۰۲۰.
۳۲. Alireza Hosseinzadeh, Younes Saadat, Soleyman Hosseinzadeh, **Shahryar Pashaei** , One-pot synthesis of cross-linked nonspherical polystyrene particles via dispersion polymerization: the effect of polymerization conditions on the morphology of the particles, *Journal of Polymer Research*, ۲۸(۱) ۱-۱۰, ۲۰۲۱.
۳۳. **Shahryar Pashaei**, Alireza Hosseinzadeh, Servin Mohammadi-Aghdam, Younes Saadat, Soleyman Hosseinzadeh , Fabrication and characterization of carboxylated and aminolated multiwalled carbon nanotube/polyethersulfone (PES) membranes for the removal of heavy metals from wastewater, *Polymer-Plastics Technology and Materials*, ۶۰(۹), ۹۹۴-۱۰۰۴, ۲۰۲۱.
۳۴. **Shahryar Pashaei**, Samaneh Safari, Soleyman Hosseinzadeh , Green Synthesis of Silver Nanoparticles Using Sugar Beet Leaf Extracts and Its Antibacterial Activity, *Iranian Journal of Analytical Chemistry*, ۲۰۲۲.

a) **Papers in national/international conferences**

۱. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed: "Chemically Synthesis of Conductive Polyaniline and the Study of their Conductivity Change using Various Dopands in different Temperatures and Different Heating Time", presented at ۸th

Academic seminar on the Iranian researchers in India on arts and science, held at Mysore, Karnataka, India, on 8 & 9th November 2008.

۲. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed: "Thermal characteristics of nanostructured filler incorporated polyvinylester nano-composites", held at University of Mysore, Mysore, on 31st July and 1st Aug 2009.
۳. **Shahryar Pashaei**, Syed Akheel Ahmed and Siddaramaiah, "Mechanical and thermal behaviors of nanoclay incorporated polyurethane nanocomposites", Natl. Conf. Recent Trends in Adv. Matl., (RTAM)-09, KVG College of Engg., Sullia, 18th Dec 2009.
۴. **Shahryar Pashaei**, Syed Akheel Ahmed and Siddaramaiah: "Mechanical, thermal, morphological and flame reardent behaviours of Nylon 6/glass fibre/melamine cyanurate/nanoclay composites", Proceed. of Natl. Conf. on Advances in Mecahnical Engg (NMAE-2010) held at JNCE, Shimoga, 24-25, Sept. 2010, p.no. 402-410.
۵. **Shahryar Pashaei**, Siddaramaiah and Akheel Ahmed Syed, "Study on Erosion Wear Behaviour of Epoxy/o-MMT Nanocomposites", The Sixth Intl. Multi-Disciplinary Conf.: Knowledge in New Millennium, Mysore, India, 14th & 15th January 2011.
۶. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Thermal degradation kinetics of (polyurethane/ methyl methacrylate) /crysnanoclay nanocomposites by (TGA), physchem¹¹, Iran, 2014.
۷. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Omid Kaleshi, Marzieh Khashman, Evalution on Erosion Wear Behaviour of Epoxy/O-MMT Nanocomposites, Int. Con. Mod.Res. Sci.Eng.Tech.4March, 2016.
۸. Soleyman Hosseinzadeh, **Shahryar Pashaei**, Masoud Mohammadpour, Synthesis of micron-sized mono disperses Polymer Particles by Seeded dispersion polymerization done to tumbling System without Using Inhibitor, Int. Con. Mod.Res. Sci.Eng.Tech.۷ January, 2016.
۹. **Shahryar Pashaei**, Soleyman Hosseinzadeh, Marzieh Khashman, Zahra Khodaparast, Omid Kaleshi, Influence of graphite filler on sliding wear resistance of GE Composites, Int. Con. Mod.Res. Sci.Eng.Tech.4March, 2016.
۱۰. Soleyman Hosseinzadeh , **Shahryar pashaei** , Zahra Khodaparast , Marzie Khashman, Preparation hollow like polymer particle via swollen polystyrene seed particle, کنفرانس بین المللی پژوهش در علوم و مهندسی , 2016.
۱۱. Soleyman Hosseinzadeh , **Shahryar pashaei** , Roshan Javanifar , Omid Kaleshi, Synthesis micron size monodisperse golf ball-like nonspherical particles via seeded dispersion polymerization, کنفرانس بین المللی پژوهش در علوم و مهندسی , 2016.
۱۲. Soleyman Hosseinzadeh , **Shahryar pashaei** , Roshan Javanifar - Omid Kaleshi, Preparation of micron-sized, monodisperse nonspherical raspberry-like particles via seeded dispersion polymerization of allyl methacrylate, کنفرانس بین المللی پژوهش در علوم و مهندسی , 2016.

۱۳. Soleyman Hosseinzadeh , **shahryar pashaei** , masoud mohamadpour, effect of ammonium persulfate initiator presence in the seeded dispersion polymerization for the preparation of monodisperse polymeric particles , دومین همایش ملی تکنولوژی های نوین در شیمی و پتروشیمی, ۲۰۱۵.
۱۴. Soleyman Hosseinzadeh , **Shahryar Pashaei** ,Farhad Ghazali, preparation of various multi hollow shape particles via dual-seeded dispersion polymerization, دومین همایش ملی تکنولوژی های نوین , در شیمی و پتروشیمی ۲۰۱۵.
۱۵. Soleyman Hosseinzadeh, **Shahryar pashaei** , Roshan Javanifar, Effect of monomer concentration and reaction temprature to produce methacrylate polymer particles by dispersion polymerization, سومین کنفرانس بین المللی نفت، گاز و پتروشیمی ۲۰۱۵.
۱۶. Soleyman Hosseinzadeh, **Shahryar pashaei** , Masoud Mohamadpour, The effect of weight ratio of the two constituent polymers on the final morphology of Polymeric Onion-Like Nanoparticle Produced by Seeded Dispersion Polymerization, سومین کنفرانس بین المللی نفت، گاز و پتروشیمی ۲۰۱۵.
۱۷. **Shahryar Pashaei** , Soleyman Hosseinzadeh , Mehdi Abdi, Investigation Thermal properties of Poly(ethylene oxide) and Hydroxypropyl Methylcellulose Blends by TGA, سومین کنفرانس بین المللی نفت، گاز و پتروشیمی ۲۰۱۵.
۱۸. Soleyman Hosseinzadeh , **Shahryar pashaei** , Masoud Mohamadpour, کنفرانس بین المللی یافته های نوین پژوهشی در علوم، مهندسی و فناوری با محوریت پژوهشهای نیاز محور ۲۰۱۵.

کتاب منتشر شده:

- ۱- آزمایشگاه شیمی و سینتیک پلیمریزاسیون، انتشارات سخنوران، سال ۱۳۹۴
- ۲- پلیمریزاسیون پراکنشی و پراکنشی دانه ای، انتشارات سخنوران، سال ۱۳۹۴

فعالیت های تحقیقاتی:

- راهنمایی، مشاوره و داوری سی پایان نامه کارشناسی ارشد دانشگاه سراسری مراغه ودانشگاههای پیام نورارومیه، خوی و نقده.
- مجری طرح پژوهشی "بررسی رفتارهای گرمایی و مکانیکی خاك نانو رس افزوده شده به کامپوزیت های پلی آمید و سیانورات ملامین" برای دانشگاه پیام نور.
- همکار طرح پژوهشی "بررسی رفتارهای گرمایی و مکانیکی - دینامیکی و رئولوژی کامپوزیت های سبز هیبریدی پلی استایرن" برای دانشگاه پیام نور.

سوابق آموزشی

- مدرس مدعو دانشگاه پیام نور شهرستان نقده (۱۳۸۴- ۱۳۸۹) .
- مدرس دانشگاه علمی کاربردی (۱۳۸۹- ۱۳۹۲).
- تدریس در مقاطع کارشناسی و کارشناسی ارشد در دانشگاه پیام نور به عنوان عضو هیئت علمی (از ۱۳۹۲ تا کنون).

Language Proficiency:

Language	Degree of proficiency											
	Writing				Reading				Speaking			
	Native	Good	Fair	Poor	Native	Good	fair	Poor	native	Good	Fair	Poor
English		*				*				*		
Farsi		*				*				*		
Turkish			*				*			*		
Kurdish				*				*		*		