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12

Citations (Scopus):

337

Supervised MSc Theses

#	Thesis title	By	Date
1	In vitro ovary tissue engineering based on alginate hydrogel and ovarian follicles	Fatemeh Amjad & Hamid Keshvari	June 2022
2	Fabrication and characterization of carboxymethyl chitosan/Polyvinyl alcohol wound dressing containing calendula-loaded chitosan microspheres	Yasaman Khoroushan & Hamid Keshvari	March 2022
3	Formation of human cardiac microtissue on a chip using two cell lines, human embryonic stem cell-derived cardiac progenitor cells and human umbilical vein-derived endothelial cells	Mohammad Karami & Hamid Keshvari	March 2022
4	Fabrication and characterization of wound dressing based on sodium carboxymethyl cellulose (SCMC) containing silk fibroin nanoparticles for antibiotic delivery	Tannaz Karimi & Hamid Keshvari	June 2021
5	Optimization of Bioprinting Parameters for Natural Hydrogels and Evaluation of Cell Viability	Kimia Abedi & Hamid Keshvari	March 2021
6	Study of theological parameters in Alginate bioink for tissue engineering application	Zahra Roushan & Hamid Keshvari	October 2020
7	evaluation of biomechanical performance of two different design fixation plates made out of titanium alloy (Ti6Al4V) and Nitinol (NiTi) and comparison of them in a modelling of mandibular defect using finite element analysis	Ali Nikoo & Hamid Keshvari	January 2020
8	fabrication and characterization of retinal pigmented epithelial cells scaffold by using conductive polymers	Maedeh Khodamoradi & Hamid Keshvari	December 2019

9	Design, Fabrication and Characterization of Microneedle for Facilitated Drug Release in order to Treat Heart Surgery Scars	Shahabaldin Mahravani Behbahani & Hamid Keshvari	September 2019
10	Synthesis and evaluation of electrospun wound dressing with nano-carriers loaded herbal drug for healing diabetic ulcers	Mahla Behyari & Hamid Keshvari	February 2019
11	construction and assessment of niosomes carrier system for treatment of adenocarcinoma	& Hamid Keshvari	February 2019
12	Synthesis and characterization of cartilage tissue engineering scaffold based on fibrin hydrogel / Polylactic Acid	Seyed Roozbeh Riazi Moghadam Ziabari & Hamid Keshvari	October 2018
13	Fabrication and characterization of gelatin-based nano-composite scaffold for controlled drug release on ocular side	Reza Abbasi & Hamid Keshvari	February 2018
14	synthesis and characterization of ironoxide nanoparticles functionalized with dendrimers for in bone tissue engineering application	Mahsa Khalili & Hamid Keshvari	January 2018
15	modification of nanofibrous scaffold based on polyurethane for improvement of endothelial cells adhesion for vascular tissue engineering application	Maryam Nezadi Niasar & Hamid Keshvari	September 2017
16	Synthesis and the characterization of Non-ionic surfactant based vesicles (niosomes) carrier system for treatment of liver cancer	Mohammad Amani & Hamid Keshvari	February 2017
17	synthesis and characterization of nano structure polymer substrate for artificial vascular graft	Kavoos Razmjooee & Hamid Keshvari	February 2017
18	Synthesis and characterization of nanofiber scaffold for application in vascular tissue engineering to investigate its interaction with endothelial cell	Kosar Jabbari & Hamid Keshvari	February 2017
19	Designing a software for computerised cognitive- behavioural therapy for depression and comparison of its effectiveness with the traditional methods	Nader Vafashoar & Hamid Keshvari	December 2016
20	Investigation Appropriate and Inappropriate Shocks in Addicted Patient in Comparison with Non-addicted	Moharram Kazemi & Hamid Keshvari	October 2016
21	Stabilize drug on suture and evaluation of controlled their release	Fahime Pirhadi & Hamid Keshvari	September 2016
22	Fabrication drug delivery system by nanoparticles	Zahra Aminpour & Hamid Keshvari	September 2016
23	Designing the Eletronic health records for Bioresonance patient	Mehrdad Mohandespour & Hamid Keshvari	February 2016
24	Preparation and Characterization of Composite Scaffold Embedded with Drug-Loaded Microspheres by Freeze-Casting Method for Nerve Tissue Regeneration	Reza Karimi Soflou & Hamid Keshvari	February 2016
25	Study of Immune Response Mechanisms To Biomaterials And Evaluation Of Modern Techniques Of Biomaterial Modification for Improvement Of Immunocompatibility Level	Mahdi Rezaei & Hamid Keshvari	February 2016
26	Designing software with user interface in a remote consultation system and telepsychology in Iran	Nooshin Shahbazi & Hamid Keshvari	February 2016
27	Design & Fabrication of a enzyme biosensor for screening of Maple syrup urine disease	Ehsan Parnian & Hamid Keshvari	October 2015
28	Comparative study on Design & Implementation priciples & concerns of Telemedicine Applications for Earthquake-with provision of a Model for Iran	Leila Kheyraati & Hamid Keshvari	October 2015

29	reativity management and its effect on implementing telemedicine technology in hospital	Abbas Nadiri & Hamid Keshvari	September 2015
30	fabrication of collagen/polycaprolactone nanofiber scaffold with graphene sheets and study its effects on adipose stem cells differentiation into neural cells on the electromagnetic feild	Marzie Sadat Moraveji & Hamid Keshvari	September 2015
31	Effect of bioresonance tecompared with systemic meglumine antimoniate in the treatment of cutaneous Leishmaniasis in patient referred to skin and Leishmaniasis Sedigheh Tahereh Research Center	Masoud Hematy & Hamid Keshvari	September 2015
32	Applied on drug delivery systems in Parkinsons disease	Seyed Rasoul Tahami & Hamid Keshvari	September 2015
33	layer-by-layer assembly of polyelectrolytes for cell encapsulation in nanoecale	Azadeh Saberi & Hamid Keshvari	September 2015
34	Deployment of telemedicine in ambulances relief	Seyed Mostafa Salehpoor & Hamid Keshvari	May 2015
35	Exploring the Barriers and Facilitators in Healthcare Delivery and Patient Satisfaction from Stakeholders point of view in Hospital	Sulmaz Soltanzadeh Hal Hali Olia & Hamid Keshvari	May 2015
36	Designing a student health monitoring system based on an elected pattern among the leading universities in the world	Fahimeh Tavallae & Hamid Keshvari	April 2015
37	Designing of functional Scaffolds of Tissue Engineering by Modeling with MATLAB Software	Seyyed Amin Azarafroz & Hamid Keshvari	March 2015
38	fabrication,characterization of graphene-based nanocomposite scaffolds and their effects on cell differentiation	Sepideh Mohammadi & Hamid Keshvari	March 2015
39	Microneedle design and construction of laboratory samples for diagnostic applications in sports	Seyedamirhossein Emamianshirazi & Hamid Keshvari	February 2015
40	Design and synthesis of magnetic nanoparticles for cancer therapy	Sahand Mirzaei Malayeri & Hamid Keshvari	October 2014
41	Design of liposomal drug delivery system to eliminate vascular plaques	Sayyed Saeed Mousavi & Hamid Keshvari	October 2014
42	design and construction of nanofibrous polycaprolactone nerve guide for peripheral nerve tissue engineering using modeling of electrospinning system	Yeganeh Panahijoo & Hamid Keshvari	October 2014
43	Design and construction smart shoes for Alzheimers patients by GPS&GSM technology	Ali Roozbahani & Hamid Keshvari	October 2014
44	Study and research on PACS installation problems,find solutions and implementation in a sample hospital	Arash Shahabi & Hamid Keshvari	October 2014
45	Evaluation of natural language processing in hospital bed	Majid Farhangfar & Hamid Keshvari	October 2014
46	Desing and fabrication of NiTi wires in use on endoscopic sampling services	Mehdi Shahriari & Hamid Keshvari	October 2014
47	Computing cost price of Remedial Services by Using Activity Based Costing (ABC) Method in a Hospital	Reza Rabiee & Hamid Keshvari	October 2014

48	Early Colon Cancer Diagnosis By blood component Fluorescence Spectra	Sayyed Emran Emami Najafi Dehkordi & Hamid Keshvari	September 2014
49	Synthesis And Characterization Of PLGA-chitosan Nanostructure Scaffold to use in cartilage tissue eng.	Sadegh Saberi & Hamid Keshvari	September 2014
50	characterization of biopaper from Fibrin based hydrogels with applications in skin bioprinting	Mohammad Sadjad Hakam & Hamid Keshvari	September 2014
51	Study of Artificial Blood and its applications and the artificial blood production feasibility in IRAN	Vandad Saramolki & Hamid Keshvari	April 2014
52	Designing and impiementation of sending sms system and assessment of its apply in parents knowledge about care of leukemic children treated with chemotherapy	Seyed Ehsan Mesbahi & Hamid Keshvari	March 2014
53	Fabrication of Poly hydroxybutyrate-Polyethylene glycol-Folic acid nanoparticles loaded by paclitaxel and release survey of drug for drug targeting to cancer cells.	Fatemeh Rezaei & Hamid Keshvari	January 2014
54	Establishing a website for telehealthcare of Alzheimers patients	Abedin Ferdousi Shahandashti & Hamid Keshvari	October 2013
55	Evaluation of Viewpoint of Vice-Chancelory Managers and Experts of Esfahan University of Medical Science concerning Determinant Factors of Strategic planning of Telemedicine	Asefeh Haddadpoor & Hamid Keshvari	October 2013
56	Design and production of PLGA microcarriers as cellular scaffold for treatment of parkinsons disease	Hanieh Moradian & Hamid Keshvari	October 2013
57	Gene Regulatory Networks (GRNs) modeling for tissue engineering applications	Aida Shakourimotlaq & Hamid Keshvari	October 2013
58	Study about cause and leakage of finance resources in selected hospitals and the role of HIS in reducing	Fatemeh Jangalnevis & Hamid Keshvari	October 2013
59	Performance review of equipment, infrastructure and relevant legal requirements and user learning in implementing teledentistry information system	Maedeh Minagar & Hamid Keshvari	May 2013
60	Design and Implementation of a Telemedicine System in Shiraz University of Medical Sciences and Survey Results	Mehdi Sharafkhah & Hamid Keshvari	May 2013
61	study on application of ICT architecture in smart hospital in order to implementation in a hospital	Shahin Ahmadzadeharaji & Hamid Keshvari	May 2013
62	Study of performance software and DSS systems and standards in implementing teledentistry information systems	Maryam Khodadadeh & Hamid Keshvari	May 2013
63	Priority management performance indicators in management dashboards for hospital managers according to clinical governance standards and patient safety	Monireh Taghipoor & Hamid Keshvari	February 2013
64	To determine the activity- based costing of hotelling at single- specialty hospital and its software	Nadia Jahangiri & Hamid Keshvari	October 2012
65	Traumatic brain injury in vulnerable sectors of the changes using the ct scan image processing	Abbas Mehrabadi & Hamid Keshvari	October 2012
66	Electronic Drug store	Seyed Saeed Ahmadi & Hamid Keshvari	May 2012

67	Recognition and Inspection of Bio photonic Irradiation of Biological Cellular and their Behavior in Low Level Leaser Therapy and Acupuncture "	Farokh Najafi & Hamid Keshvari	May 2012
68	Relationship Between Information Technology Maturity Level And Organizational Agility In Central Hospital Of Petroleum Industry Tehran	Farzaneh Abdolmaleki & Hamid Keshvari	May 2012
69	PACS software evaluation by ministry of health criterias, and PACS data transfer to electronic health record systems	Masoumeh Omidvar & Hamid Keshvari	April 2012
70	physically - formed hydrogels based on hydrogen bonding of acrylate polymers nad polythylene glycol applicable in drug delivery	Ali Hatampoor & Hamid Keshvari	January 2012
71	preparatgion of chitosan/gelatin hydrogel scaffold to use in vascular tissue engineering as biopapaer	Farbod Tondnevis & Hamid Keshvari	January 2012
72	Software development of health management and evaluation of workers	Amir Hossin Shirzadian & Hamid Keshvari	July 2011
73	Design of software system for hospital quality index evaluation and management	Azam Fayyaziborogeni & Hamid Keshvari	May 2011
74	Designing of Tele care System for Phenylketonuria Patients	Soghra Mahmoodi & Hamid Keshvari	May 2011
75	Design of a Decision Support System Software for risk Management in Medical Equipments	Noushin Pourbaqi & Hamid Keshvari	May 2011
76	Specify Relation between application of New Technologies and Risk Factors in Tehrans Hospitals by Von Neumann&Morgenstern Method	Nona Farbehi & Hamid Keshvari	May 2011
77	Medical Equipment Management System	Aida Keramati & Hamid Keshvari	October 2010
78	Design of Electronic TeleTurn System For Health Centers	Maryam Jesri & Hamid Keshvari	May 2010
79	Evaluation & Significance of the Telecommunications in medical & Healthcare Services	Mohammad Zohouri & Hamid Keshvari	April 2010
80	Designing of virtual visit (Examination) room for general practitioner(GP)	Amir Chavosh & Hamid Keshvari	October 2009
81	Study of medical Gas (o) consumption in hospitals and design software for calculation of optimum consumption	Abdolreza Mirhadi & Hamid Keshvari	October 2009
82	Studying medical devices & equipment management at hospitals, in selectsd countries & presenting a model for hospitals in iran	Azadeh Sadeghi & Hamid Keshvari	October 2009
83	Designing hospital's DSS model by artificial intelligence	Mitra Zolfi & Hamid Keshvari	September 2008
84	The evaluation of telecardiological systems & investigating the feasibility of using these systems in iran	Kiandokht Tavakol & Hamid Keshvari	September 2008
85	Planning of teleconsulation &tele examination & tele diagnosis system in cardinvascular disease(Telecardiologology)	Mehrdad Imanzade & Hamid Keshvari	April 2008
86	Designing& Planning of software for Tele Diagnosis of the Cardiac Disease (via data & images transfer)	Azadeh Emami & Hamid Keshvari	April 2008
87	Pisigming of Virtual dental visit room	Mehran Hemati & Hamid Keshvari	April 2008

88	The Study of cost- effectiveness of Laboratory automation system & process reengineering in Shahid Hasheminejad Premarital& durg	Omid Pournik & Hamid Keshvari	October 2007
89	The Effect of information Technology on increasing the Health Care System Efficiency	Fatemeh Rajabi Eslami & Hamid Keshvari	September 2007

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	physiology in biomedical engineering	Effat Esbari, Hamid Keshvari	Iran (Islamic Republic of)	December 2011	1
2	Anatomy in biomedical engineering	Effat Esbari, Hamid Keshvari	Iran (Islamic Republic of)	August 2011	1

Journal Papers

Portal Records

- 1 Mahsa Khalili, Hamid Keshvari, Rana Imani, Alireza Naderi Sohi, Elaheh Esmaeili, Maryam Tajabadi, "Study of osteogenic potential of electrospun PCL incorporated by dendrimerized superparamagnetic nanoparticles as a bone tissue engineering scaffold", POLYMERS FOR ADVANCED TECHNOLOGIES, November 2021 Vol. 0, Num. 0, Page 1-13, November 2021,
- 2 Marzie Sadat Moraveji, Hamid Keshvari, Akbar Karkhaneh, Shahin Bonakdar, Amin Hadi, Nooshin Haghhighipour, "The effect of collagen/polycaprolactone fibrous scaffold decorated with graphene nanoplatelet and low-frequency electromagnetic field on neuronal gene expression by stem cells", Advances in Nano Research, June 2021 Vol. 10, Num. 6, Page 549-557, June 2021,
- 3 Maedeh Khodamoradi, Mahnaz Eskandari, Hamid Keshvari, Reza Zare, "An electro-conductive hybrid scaffold as an artificial Bruchs membrane", MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, May 2021 Vol. 126, Num. 1, Page 1-16, May 2021,
- 4 Mahla Behyari, Rana Imani, Hamid Keshvari, "Evaluation of Silk Fibroin Nanofibrous Dressing Incorporating Niosomal Propolis, for Potential Use in Wound Healing", FIBERS AND POLYMERS, April 2021 Vol. 0, Num. 0, Page 1-12, April 2021,
- 5 Fatemeh Rezaei, Hamid Keshvari, Mohammad Ali Shokrgozar, Delaram Doroud, Elham Gholami, Alireza Khabiri, Mehdi Farokhi, "Nano-adjuvant based on silk fibroin for the delivery of recombinant hepatitis B surface antigen", Biomaterials Science, February 2021 Vol. 2021, Num. 9, Page 2679-2695, February 2021,
- 6 Maryam Nezadi, Hamid Keshvari, Maryam Yousefzadeh, "Using Taguchi design of experiments for the optimization of electrospun thermoplastic polyurethane scaffolds", Advances in Nano Research, January 2021 Vol. 10, Num. 1, Page 59-69, January 2021,
- 7 Maryam Nezadi, Hamid Keshvari, Maryam Yousefzadeh, "Optimization of Polyurethane Scaffolds by Taguchi Design of Experiments for Vascular Tissue Engineering Applications", Iranian Journal of Polymer Science and Technology (IJPST), December 2020 Vol. 33, Num. 5, Page 419-433, December 2020,
- 8 Farbod Tondnevis, Hamid Keshvari, Jamshid Aghazadeh Mohandesi, "Fabrication, characterization, and in vitro evaluation of electrospun polyurethane?gelatin?carbon nanotube scaffolds for cardiovascular tissue engineering applications", JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, January 2020 Vol. 0, Num. 0, Page 1-18, January 2020,

- 9 Farbod Tondnevis, Hamid Keshvari, Jamshid Aghazadeh Mohandesi, "Physico-mechanical and in vitro characterization of electrically conductive electrospun nanofibers of poly urethane/single walled carbon nano tube by great endothelial cells adhesion for vascular tissue engineering", JOURNAL OF POLYMER RESEARCH, October 2019 Vol. 26, Num. 256, Page 1-16, October 2019,
- 10 Kavous Razmjooee, Saeed Saber Samandari, Hamid Keshvari, Sara Ahmadi, "Improving anti thrombogenicity of nanofibrous polycaprolactone through surface modification", JOURNAL OF BIOMATERIALS APPLICATIONS, September 2019 Vol. 34, Num. 3, Page 408-418, September 2019,
- 11 Zahra Shourgashti, Hamid Keshvari, Hasan Torabzadeh, Mostafa Rostami, Shahin Bonakdar, Saeed Asgary, "Physical Properties, Cytocompatibility and Sealability of HealApex (a Novel Premixed Biosealer)", Iranian Endodontic Journal, July 2018 Vol. 13, Num. 3, Page 299-304, July 2018,
- 12 Zahra Shourgashti, Hamid Keshvari, Shirin Panahi, "Using Modified Intelligent Experimental Design in Parameter Estimation of Chaotic Systems", COMPLEXITY, August 2017 Vol. 2017, Num. 1, Page 1-6, August 2017,
- 13 Hanieh Moradian, Hamid Keshvari, Hamidreza Fasehee, Rassoul Dinarvand, Shahab Faghihi, "Combining NT3-overexpressing MSCs and PLGA microcarriers for brain tissue engineering: A potential tool for treatment of Parkinsons disease.", MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, March 2017 Vol. 76, Num. 1, Page 934-943, March 2017,
- 14 Effat Esbari, Hamid Keshvari, "3D hydrogel of chitosan, collagen and gelatin with hyaluronic acid- honey nano fibers as skin substitute", BIOMEDICAL RESEARCH-INDIA, November 2016 Vol. 4, Num. 28, Page 1-5, November 2016,
- 15 Ma.Ketabi, M.Shahnavazi, R.Fekrazad, Farbod Tondnevis, Hamid Keshvari, Majid Raz, Ali Sadeghi, Mm.Abolhasani, "Synthesis and In Vitro Characterization of Carbon Nano Tube - Poly caprolactone Composite scaffold for Odontoblast cell interaction", Key Engineering Materials, November 2016 Vol. 720, Num. 1, Page 114-119, November 2016,
- 16 Solmaz Soltanzadeh, Ahmad Shafaizadeh, Hamid Keshvari, "STUDY OF OBSTACLES AND FACTORS FACILITATING MEDICAL SERVICE FROM THE VIEWPOINT OF CLIENTS REFERRING TO THE EMERGENCY OF TEHRAN CHILDREN MEDICAL CENTER HOSPITAL", Indian Journal of Fundamental and Applied Life Sciences-Open, October 2016 Vol. 5, Num. 4, Page 978-983, October 2016,
- 17 Sepideh Mohammadi, Hamid Keshvari, Mahnaz Eskandari, Shahab Faghihi, "Graphene oxide-enriched double network hydrogel with tunable physico-mechanical properties and performance", REACTIVE & FUNCTIONAL POLYMERS, September 2016 Vol. 106, Num. 1, Page 120-131, September 2016,
- 18 Marzie Sadat Moraveji, Nooshin Haghighipour, Hamid Keshvari, Tannaz Nourizadeh Abbariki, Mohammad Ali Shokrgozar, Amir Amanzadeh, "Effect of extremely low frequency electromagnetic field on MAP2 and Nestin gene expression of hair follicle dermal papilla cells.", INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, August 2016 Vol. 39, Num. 6, Page 294-299, August 2016,
- 19 Elham Babaie, Hamid Mirzadeh, Hamid Keshvari, Atefeh Solouk Mofrad, Azadehsadat Hashemi Doulabi, "chitosan and Silver Sulfadiazine Immobilization onto Silicone Membrane for Wound Dressing Applications", Trends in Biomaterials & Artificial Organs, June 2016 Vol. 30, Num. 1, Page 32-40, June 2016,
- 20 Amir Salati, Hamid Keshvari, Ghasem Ahangari, Mohammad Hossein Sanati, "process parameters optimization for tissue engineered chitosan/gelatin nanofibrous scaffolds", Biointerface Research in Applied Chemistry, April 2016 Vol. 6, Num. 3, Page 1208-1213, April 2016,
- 21 Amir Salati, Ghasem Ahangari, Hamid Keshvari, Mohammad Hossein Sanati, "Modeling the effect of autoreactive T-cell on oligodendrocytes multiple sclerosis patients using chitosan /gelatin nanofibrous scaffolds", Biointerface Research in Applied Chemistry, April 2016 Vol. 6, Num. 3, Page 1214-1221, April 2016,
- 22 Fatemeh Rezaei, Mohammad Rafienia, Hamid Keshvari, Mansooreh Sattary, Mitra Naeimi, Hossein Keyvani, "Fabrication of poly Hydroxybutyrate - Polyethylene Glycol- Folic Acid Nanoparticles Loaded by Paclitaxel", Current Drug Delivery, February 2016 Vol. 13, Num. 0, Page 57-64, February 2016,
- 23 S.Mohammad Etrati Khosroshahi, Hamideh Rezvani Alanagh, Hamid Keshvari, Shahin Bonakdar, Maryam Tajabadi, "Evaluation of cell viability and T2 relaxivity of fluorescein conjugated SPION-PAMAM third generation nanodendrimers for bioimaging", MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, February 2016 Vol. 62, Num. 1, Page 544-552, February 2016,

- 24 Mohammad Mahdi Hasani-Sadrabadi, Erfan Dashti Mogaddam, Ghasem Bahlake, Fatemeh Sadat Majedi, Hamid Keshvari, Jules J Vandersarl, Arnaud Bertsch, Arash Panahifar, Philippe Renaud, "on-chip synthesis of fine-tuned bone-seeking hybrid nanoparticles", *NANOMEDICINE*, November 2015 Vol. 10, Num. 23, Page 3431-3449, November 2015,
- 25 Hamid Keshvari, Asefeh Haddadpoor, Behjat Taheri, Mehran Nasri, "Determining the awareness and Attitude of Employees in Deputy of Health of Isfahan University of Medical Science toward Telemedicine and its Advantages", *Acta Informatica Medica-OPEN*, April 2015 Vol. 23, Num. 2, Page 97-101, April 2015,
- 26 Hamid Keshvari, Asefeh Haddadpoor, Behjat Taheri , Mehran Nasri, Pezman Aghdak, "Survey Determinant Factors of telemedicine Strategic Planning from the Managers and Experts perspective in the Health Department , Isfahan University of Medical Sciences", *Acta Informatica Medica-OPEN*, October 2014 Vol. 22, Num. 5, Page 320-324, October 2014,
- 27 Hanieh Moradian, Hamidreza Fasihi, Hamid Keshvari, Shahab Fahihi, "Poly(ethyleneimine) functionalized carbon nanotubes as efficient nano-vector for transfecting mesenchymal stem cells", *COLLOIDS AND SURFACES B-BIOINTERFACES*, July 2014 Vol. 122, Num. 1, Page 115-125, July 2014,
- 28 Ladan Soltanzadeh, Mehrdad Imanzadeh, Hamid Keshvari, "Application of robotic assisted technology and imaging devices in autopsy and virtual autopsy", *International Journal of Computer Science ISSUES*, July 2014 Vol. 11, Num. 4, Page 104-109, July 2014,
- 29 Hamideh Rezvani Alanagh, S.Mohammad Etrati Khosroshahi, Maryam Tajabadi, Hamid Keshvari, "The Effect of pH and Magnetic Field on the Fluorescence Spectra of Fluorescein Isothiocyanate Conjugated SPION- Dendrimer Nanocomposites", *JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM*, June 2014 Vol. 27, Num. 10, Page 2337-2345, June 2014,
- 30 Sayed Ahmad Ayati Najafabadi, Hamid Keshvari, Hadi Sarkhosh, Maziar Ashuri, Mohammadreza Tahriri, "Surface modification of castor oil-based polyurethane by polyacrylic acid graft using a two-step plasma treatment for biomedical applications", *ADVANCES IN POLYMER TECHNOLOGY*, December 2013 Vol. 33, Num. 3, Page 1-8, December 2013,
- 31 Sayed Ahmad Ayati Najafabadi, Hamid Keshvari, Yasaman Ganji, Mohammadreza Tahriri, Maziar Ashuri, "Chitosan/heparin surface modified polyacrylic acid grafted polyurethane film by two step plasma treatment", *SURFACE ENGINEERING*, November 2013 Vol. 28, Num. 9, Page 710-714, November 2013,
- 32 Faezeh Dastjani Farahani, Hamid Keshvari, Adele Gholipour Kanani, Shahin Bonakdar, Mohammad Ali Shokrgozar, "Mechanical Reinforcement of Chitosan-Gelatin Sponge with Polycaprolactone Electrospun Nanofibrous Sheets", *Journal of Biomaterials and Tissue Engineering*, June 2013 Vol. 3, Num. 3, Page 320-329, June 2013,
- 33 Zahra Shourgashti, Hamid Keshvari, "Comment on Blasi et al.s (2011) Lipid nanoparticles for brain targeting I. Formulation optimization.", *INTERNATIONAL JOURNAL OF PHARMACEUTICS*, December 2012 Vol. 439, Num. 1, Page 169-170, December 2012,
- 34 Masomeh Omidvar, Hamid Keshvari, Ehsan Bitarof, "presenting performance evaluation indicators of PACS systems and investigating the PACS use volume in IRAN hospitals", *ARCHIVES DES SCIENCES*, October 2012 Vol. 65, Num. 10, Page 65-72, October 2012,
- 35 Amir Salati, Hamid Keshvari, Akbar Karkhaneh, Shahrouz Taranejoo, "Design and Fabrication of Artificial Skin: Chitosan and Gelatin Immobilization on Silicone by Poly Acrylic Acid Graft Using a Plasma Surface Modification Method", *JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS*, May 2011 Vol. 50, Num. 10, Page 1972-1982, May 2011,
- 36 Hamid Keshvari, Hamid Mirzadeh, Parvin Mansoori , Alireza Zaree Shahneh, "Study of Fibroblast Cells Behavior on the Acrylic Acid CO2 Pulsed laser Grafted Silicon Elastomer for Tissue Engineering application", *Lasers in Medicine*, December 2008 Vol. 5, Num. 30, Page 22-28, December 2008,
- 37 Hamid Keshvari, Hamid Mirzadeh, [en-name N/A], [en-name N/A], [en-name N/A], "Collagen Immobilization Onto Acrylic Acid Laser-Grafted Silicone :In Vitro", , January 2008 Vol. , Num. 17, Page 0-0, January 2008,






Conference Papers





- 1 Mahla Behyari, Rana Imani, Hamid Keshvari, "Evaluation of Silk Fibroin Nanofibrous Dressing Incorporating Niosomal Rosemary, for Potential Use in Wound Healing ", 16th Royan International Virtual Congress on Stem Cell Biology and Technology, September 2020
- 2 Maryam Nezadi, Hamid Keshvari, "A review on the application of rapid prototyping approaches in biomedical engineering ", the 6th international conference on modern finding in sciences and technology with a focused on science in development science, July 2019
- 3 Maryam Nezadi, Hamid Keshvari, "Use of endothelial progenitor cells in vascular tissue engineering ", the 6th international conference on modern finding in sciences and technology with a focused on science in development science, July 2019
- 4 Maryam Nezadi, Hamid Keshvari, Mohammad Naderi, "The role of the ideas Bazaar in promoting venture capital investment and the development of entrepreneurship ", Second National Conference on Entrepreneurship, December 2018
- 5 Maryam Nezadi, Hamid Keshvari, Maryam Yousefzadeh, "Electrospinning of Thermoplastic polyurethane Nanofibers for vascular tissue Engineering Applications ", 4th Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine, November 2018
- 6 Mahsa Khalili, Hamid Keshvari, Alireza Naderi Sohi, Rana Imani, Maryam Tajabadi, "Dendrimer-modified SPIONs for plasmid DNA condensation ", (7th International Conference on Nanostructures (ICNS7, February 2018
- 7 Kavous Razmjooee, Hamid Keshvari, Saeed Saber Samandari, "Synthesis and Surface Modification of Polycaprolactone Nanofibers for Use in Artificial Vascular Graft ", 24th national and 2nd International Iranian Conference on Biomedical Engineering (ICBME), November 2017
- 8 Kavous Razmjooee, Hamid Keshvari, Saeed Saber Samandari, "Synthesis and surface modification of polycaprolactone nanofibers for use in artificial vascular graft ", 24th national and 2nd International Iranian Conference on Biomedical Engineering, November 2017
- 9 Maryam Nezadi, Hamid Keshvari, Maryam Yousefzadeh, "Electrospinning polyurethane nanofibers for tissue engineering: optimization of processing parameters using the Taguchi design of experiments ", international conference on nanofibers, October 2017
- 10 Maryam Nezadi Niasar, Hamid Keshvari, Maryam Yousefzadeh, "Electrospinning of Polyurethane for Vascular Tissue Engineering: an Optimization Study by Using Taguchi's Methodology ", The Second National Festival and International Congress on Stem Cell and Regenerative Medicine, July 2017
- 11 Niayesh Sadat Musavi Moin, Aliakbar Ghare Aghaji, S.Mohammad Etrati, Hamid Keshvari, "Evaluation of effects of plying and braiding of nanofibrous suture yarns on their tensile properties for nylon 6 ", 10th Iranian National Conference on Textile Engineering, April 2016
- 12 Kosar Jabbari, Atefeh Solouk Mofrad, Hamid Keshvari, "Stem Cells in Cardiovascular Disease ", The Second Conferecne on Novel Approaches of Biomedical Engineering in Cardiovascular Diseases, January 2016
- 13 Mostafa Bahmanabadi, Hamid Keshvari, "Cloud computing , models and structures and its comparison with other computing models ", هشتمین کنفرانس نظام اداری الکترونیکی , August 2015
- 14 Mostafa Bahmanabadi, Hamid Keshvari, "Cloud computing , applications in administrative system ", هشتمین کنفرانس نظام اداری الکترونیکی , August 2015
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- 17 Mostafa Bahmanabadi, Hamid Keshvari, Ali Abbasian Arani, Ali Ramezani, "Information and communication technology and new employment opportunity ", نخستین همایش بین المللی فناوری اطلاعات و ارتباطات، کارآفرینی و سرمایه گذاری، January 2015
- 18 Mostafa Bahmanabadi, Hamid Keshvari, "Smart cities of tomorrow ", نخستین همایش بین المللی فناوری ارتباطات و اطلاعات، کارآفرینی و سرمایه گذاری، January 2015

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- 20 Mostafa Bahmanabadi, Hamid Keshvari, Mohammad Rabiee, "The economic importance of developing Electronic Lab ", The First National Conference Of Medical Lab High Technologies, October 2014
- 21 Mehrdad Mohandespour, Mehrdad Imanzade, Hamid Keshvari, Masoud Hematy, "Voice recognition technology review and implementation of voice commands and its application in the Telemedicine System ", The Secend Telemedicine Conference, May 2014
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- 27 Mehdi Sharafkhan, Saeed Saeedi Negad, Mehrdad Imanzade, Hamid Keshvari, "Study of executive substructure of telemedicine system in shiraz university of medical science ", نخستین کنفرانس تله مدیسین, February 2013
- 28 Maryam Khodadadeh, Hamid Keshvari, Maedeh Minagar, Omid Pournik, "Study of legal requirements and challenges required in implementation of telemedicine system ", نخستین کنفرانس تله مدیسین, February 2013
- 29 Mostafa Bahmanabadi, Hamid Keshvari, Maryam Khodadadeh, Maedeh Minagar, Mahsa Zahedi, "Artificial intelligence application in smart PACS ", نخستین کنفرانس تله مدیسین, February 2013
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- 33 Maedeh Minagar, Maryam Khodadadeh, Hamid Keshvari, Faezeh Roshani, Mehrdad Imanzade, "Review of effectively utilizing smart phones in mobile telemedicine system ", 3rd e-Hospital & Telemedicine Conference, November 2012
- 34 Shahin Ahmadzadeharaji, Monireh Taghipoor, Mostafa Bahmanabadi, Hamid Keshvari, "Make hospitals smart using RTLS system with a focus on hospital intelligence ", 3rd e-Hospital & Telemedicine Conference, November 2012
- 35 Mostafa Bahmanabadi, Mashallah Torabi, Mohammad Rabiee, Hamid Keshvari, Mehrdad Imanzade, "Smart hospital, standards and architecture of information technology ", 3rd e-Hospital & Telemedicine Conference, November 2012
- 36 Nazila Azimi, Hamid Keshvari, Mehrdad Imanzade, "Study of capacities of medical nonrobots and microrobots employment in telemedicine systems ", 3rd e-Hospital & Telemedicine Conference, November 2012
- 37 Maryam Khodadadeh, Maedeh Minagar, Mehrdad Imanzade, Hamid Keshvari, Faezeh Roshani, "Comprehensive study of capabilities of new telemedicine systems in best presentation of special medical services. ", 3rd e-Hospital & Telemedicine Conference, November 2012
- 38 Sayed Ahmad Ayati Najafabadi, Hamid Keshvari, Yasaman Ganji, "Polyurethane surface modification using radio frequency plasma ", The First National Conference on Electric Discharges, Plasma and Plasma Engineering, February 2012

- 39 Amir Fattah, Shahram Tofgee, Hamid Keshvari, Maryam Saberi Behbahani, Mehrdad Imanzade, "present of telemedicine in burn treatment system ", 2nd-e-hospital&telemedicine conference, November 2011
- 40 Mehrdad Imanzade, Hamid Keshvari, Milad Sadeghi Makki, Maasomeh Dadpei, "Review the future of telemedicine ", 2nd international e hospital and telemedicine conference, November 2011
- 41 Saeed Saeedi Negad, Mehdi Sharafkhan, Mehrdad Imanzade, Hamid Keshvari, "Technological analysis of telemedicine in emergency aid helicopters ", 2nd international e hospital and telemedicine conference, November 2011
- 42 Mahsa Zahedi, Mostafa Bahmanabadi, Hamid Keshvari, "use of RFID in Intelligent Design of hospitals ", 2nd international e hospital and telemedicine conference, November 2011
- 43 Elham Babaie, Hamid Mirzadeh, Hamid Keshvari, Atefeh Solouk Mofrad, "Chitosan Immobilization onto Poly Acrylic Acid Grafted Silicone as Wound Dressing ", 7th International Chemical Engineering Congress & Exhibition(ICHCC 2011), November 2011
- 44 Elham Babaie, Hamid Mirzadeh, Hamid Keshvari, Azadehsadat Hashemi Doulabi, "Permeation Study and Modeling Antibacterial Agent Release from Chitosan Film ", Iranian controlled release conference, October 2011
- 45 Elham Babaie, Hamid Mirzadeh, Hamid Keshvari, Azadehsadat Hashemi Doulabi, "The Effect of Plasticizer on Silver Sulfadiazine (AGSD) Release from Chitosan Membrane: In Vitro Study ", 38th annual meeting and exposition, controlled release society, July 2011
- 46 Hamid Keshvari, "Physical health survey of freshman students of amirkabir University in 1388 ", The Effect of Sciences on Globalization, February 2011
- 47 Zahra Sharifi, Mehdi Irannajad, Hamid Keshvari, Lili Akhshij, "review the need to establish a safety committee at the Technaical University (case study to establish safety committees at the school of mining Engineering) ", The 2nd national conference on occupational health and safety managemant organizing, April 2010
- 48 Zahra Sharifi , Hamid Keshvari, Siavosh Badinparvar, "Review the status of health and safety of student housing at AUT ", The 2nd national conference on occupational health and safety managemant organizing, April 2010
- 49 Hamid Keshvari, Hamid Mirzadeh, S.Mohammad Etrati Khosroshahi, "Biologically surface modification of silicone laser _ grafted acrylic acid Using collagen : Invitro ", , September 2005

Taught Courses

#	Course title	Description	Headlines	Date
1	Applied Biology in Biomedical Engineering	Recognition and Familiarity with the histology, pathology, immunology and embryology for application in various in biomedical engineering.		Spring 2022
2	Biocompatibility	The purpose of this course is to acquaint students with the concepts of biocompatibility, physical and chemical properties of biomaterials and the interactions of biomaterials with cells. Types of tests to evaluate the biocompatibility of a material		Spring 2022
3	Physiology	study of organ functions in human body for using in biomedical engineering		Fall 2021
4	Behavior of Cells	survey of cell behaviours		Fall 2021
5	Physiology	study of organ functions in human body for using in biomedical engineering		Fall 2021

6	Physiology	study of organ functions in human body for using in biomedical engineering		Fall 2021
7	Physiology	study of organ functions in human body for using in biomedical engineering		Fall 2021
8	Biocompatibility	The purpose of this course is to acquaint students with the concepts of biocompatibility, physical and chemical properties of biomaterials and the interactions of biomaterials with cells. Types of tests to evaluate the biocompatibility of a material		Spring 2021
9	Special Topics (Histopathoimmunoembryology)	Recognition and Familiarity with the histology, pathology, immunology and embryology for application in various in biomedical engineering.		Spring 2021

Inventions/Patents

#	Invention title	Reg. number	Country	contributors	Reg. date	Exp. date
1	construction of the skin substitute for accelerating the wound healing by stabilizing biological molecules chitosan and heparin on medical grade polyurethane membrane	72977			2011/12/1	2031/12/1