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

Supervised MSc Theses

#	Thesis title	By	Date
1	Effect of mechanical stimulation on chemical decellularization of cartilage tissue	Sahar Salehi Nezamabadi & Mehran Kasra	January 2020
2	improvement of decellularization process of cortical bone tissue by creating channels	Mahshad Abbasirad & Mehran Kasra	December 2019
3	Development of a simplified parametric finite element model of the spine	Amir Hossein Saeedinia & Mehran Kasra	December 2019
4	Finite element modelling of the human cervical spine:cervical muscle simulation	Najmeh Alipouryani & Mehran Kasra	June 2019
5	Design and Construction of a device demonstrating the application of Magnetic Bead Rheometry for measurement of cell mechanical properties	Shayan Shahab & Mehran Kasra	June 2019
6	Synthesis and characterization of composite hydrogel as a biopaper for osteochondral bioprinting application.	Ali Mokhtarzade & Mehran Kasra	May 2019
7	Effect of hydrostatic pressure and ultrasound waves on mechanical properties of sponge bone in decellularization process	Negin Shaygan & Mehran Kasra	January 2019
8	Determination of the Mechanical Properties of Bovine Periodontal Ligament	Mohammad Najafi Doust & Mehran Kasra	October 2018
9	finite element frequency response analysis of a chondrocyte	Arash Abdolalizadeh & Mehran Kasra	November 2017

10	Finite Element Analyses of The Human Spine Musculoskeletal System Simulating Different	Samira Vakili & Mehran Kasra	February 2017
11	Development of a Parametric Finite Element Model of the Proximal Femur of Predicting the Risk of Hip Fracture	Saeideh Saeidi & Mehran Kasra	October 2016
12	The effect of acoustic waves on cellular response	Nafiseh Mirabdolhoseini & Mehran Kasra	February 2016
13	Scaffold design and fabrication for angiogenesis	Elham Rahimtoroghi & Mehran Kasra	February 2016
14	Analysis of nozzle design parameters to optimize microjet specifications for sprayer application	Parastoo Afshari & Mehran Kasra	July 2015
15	Design and fabrication of a conductive nanocomposite scaffold for bone tissue engineering	Shayan Gholizadeh & Mehran Kasra	April 2015
16	Drug conjugation on poly urethane scaffold for cardiovascular tissue engineering	Mozhgan Shojaei & Mehran Kasra	June 2014
17	Design and Making a prototype of a Vibrating-String Sensor	Hamed Habibi & Mehran Kasra	November 2013
18	Modeling and Simulation of Major Lumbar Spinal Muscles and Investigating their Role in Spinal	Forough Madehkhaksar & Mehran Kasra	October 2011

Journal Papers

Portal Records

- 1 Yasaman Ganji, Mehran Kasra, Soheila Salah Shour Kordestani, "Mechanical and Degradation Properties of Castor Oil-Based Polyurethane", International Journal of Engineering and Advanced Technology, May 2015 Vol. 4, Num. 4, Page 207-213, May 2015,
- 2 Yasaman Ganji, Mehran Kasra, Soheila Salah Shour Kordestani, Mohiedin Bagheri Hariri, "Synthesis and characterization of gold nanotube/nanowire-polyurethane composite based on castor oil and polyethylene glycol", MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, June 2014 Vol. 42, Num. 1, Page 341-349, June 2014,