

Postdoctoral Projects

Title	Faculty/ Center	Supervisor	Postdoc Student	Row
Nanoscale metal-Organic frameworks as fluorescence sensors for determination of tetracycline residue in honey	Nutrition Research Centre	Dr. Ali Ehsani	Samira Tizchangh	۱
Study of solubility, thermodynamic properties, and stability of non-steroidal anti-inflammatory drugs in solvent mixtures and prediction using general cosolvency models	Pharmaceutual Analysis Research Center	Prof. Mohammad Barzeghare Jalali	Behrouz Seyfinejad	۲
Study and investigation of pharmaceutical properties of pyrazole based metal complexes	Faculty of Pharmacy	Dr. Ali Shayanfar	Monireh GHorbanpour	۳
to study the epidemiological pattern and nutritional factors of outcomes among traumatic brain injury survivors: a prospective cohort study	Road Traffic Injury Resarch Center	Dr.Hasan Soleymanpour	Elham Afsar	۴
Preparation of a chitosan-alginate hydrogel modified graphene oxide nanocomposite for controlled NIR light-triggered release of mesenchymal stem cells secretome for wound healing: The combination of photothermal therapy and cell secretome in NIR-sensitive nanocomposite platform	Faculty of pharmacy	Dr. Sodabeh Davaran	Tanaz Sadeghi Rad	۵
Development of new methods based on nanomaterials in authenticating and adulteration of milk using image analysis by smartphone	Pharmaceutual Analysis Research Center	Dr. Ali Shayanfar	Sanaz Sajedi	۶
Evaluation of the efficiency of in situ hydrogels based on natural polymer using click reactions containing curcumin-loaded chitosan microspheres for bone tissue engineering	Research Center for Pharmaceutual Nanotechnology	Dr Yousef Javadzadeh	Nazanin Amiryaghobi	۷
Design and Fabrication of Gelatin-Based Scaffolds for Colorectal Cancer Spheroids	Faculty of Advanced, Medical Sciences	Dr. Reza Rahbar Ghazi	Parisa Mohammad Jafariyeh	۸
Development of analytical methods for pharmacokinetic studies of anti-epileptic drugs	Pharmaceutual Analysis Research Center	Prof. Mohammad Barzegar Jalali	Rogyeh Amini	۹

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Development of a mobile phone image analysis method for the detection and determination of opioids concentration using carbon-based nanomaterials	Pharmaceutical Analysis Research Center	Prof. Joyban	Yasamin Sefid Sefidekhan	۱۰
Antisolvent recrystallization of some iohexol derivatives in biodegradable deep eutectic solvents and some traditional polyol-based organic solvents	Pharmaceutical Analysis Research Center	Prof. Mohammad barzeghar jalali	Parisa Jafari	۱۱
Design and development of paper-based electroanalytical strips using molecularly imprinted polymers for the detection of streptomycin and tetracycline in food and the environment	Drug Applied Research Center	Dr Ezatinejad	Mina Adampour	۱۲
Investigation of fluoride concentration and its removal from drinking water using new nanoabsorbents	Faculty of pharmacy	Dr. Davaran	Elahe Gholamiyan	۱۳
Formulation of Feta cheese by substitution of milk protein with plant protein	Faculty of Nutrition	Dr. Homayoni	Vahideh Sarabi	۱۴
Computational modeling for controlling and individualizing of post- stroke rehabilitation using tDCS	Nerosciences Research Center	Dr. Talebi	Mahsa khorampanah	۱۵
Preparation of a chitosan-alginate hydrogel modified graphene oxide nanocomposite for controlled NIR light-triggered release of mesenchymal stem cells secretome for wound healing: The combination of photothermal therapy and cell secretome in NIR-sensitive nanocomposite platformS	Faculty of pharmacy	Dr. Davaran	Tanaz Sadeghi	۱۶