| اثر | سال انتشار | نام مجله | عنوان مقاله |
|-----|-------------|----------|-------------|
| 1   | 2016        | Experimental Neurology | Brain mitochondrial ATP-insensitive large conductance Ca\(2^+\)-activated K\(+\) channel properties are altered in rat model of amyloid-\(\beta\) neurotoxicity |
| 2   | 2015        | PLOS ONE | Evidence for a KATP Channel in Rough Endoplasmic Reticulum (rerKATP Channel) of Rat Hepatocytes |
| 3   | 2014        | EXCLI Journal | ENDOPLASMIC RETICULUM MEMBRANE POTASSIUM CHANNEL DYSFUNCTION IN HIGH FAT DIET INDUCED STRESS IN RAT HEPATOCYTES |
| 4   | 2014        | Neuromolecular Medicine | Impairment of Brain Mitochondrial Charybdotoxin-and ATP-Insensitive BK Channel Activities in Diabetes |
| 5   | 2014        | Iranian Biomedical Journal | Gating Behavior of Endoplasmic Reticulum Potassium Channels of Rat Hepatocytes in Diabetes |
| 6   | 2015        | Physiology and Pharmacology | Intrahypothalamic paraventricular nucleus-microinjected SKF 38393, D1 receptor agonist, reduces food intake in 24 hours food-deprived rats |
| 7   | 2014        | Physiology and Pharmacology | A molecular study on the endoplasmic reticulum potassium channels in hepatocytes |
| 8   | 2014        | Neuromolecular Medicine | Monitoring of Neuronal Loss in the Hippocampus of Ab-Injected Rat: Autophagy, Mitophagy, and Mitochondrial Biogenesis Stand Against Apoptosis |
| ISI  | Year | Authors             | Journal                      | Title                                                                 |
|------|------|---------------------|------------------------------|----------------------------------------------------------------------|
| ISI  | 2014 | Fereshteh Motamedi  | Cellular and Mol Neurobiology | Inhibition of Akt Phosphorylation Diminishes Mitochondrial Biogenesis Regulators, Tricarboxylic Acid Cycle Activity and Exacerbes Recognition Memory Deficit in Rat Model of Alzheimer’s Disease |
| ISI  | 2015 | Fereshteh Motamedi  | Physiology & Behavior        | Nucleus incertus inactivation impairs spatial learning and memory in rats |
| ISI  | 2015 | Fatemeh haerzadeh  | J Mol Neurosci               | Involvement of Nrf2 in Development of Anxiety-Like Behavior by Linking Bcl2 to Oxidative Phosphorylation: Estimation in at Hippocampus, Amygdala, and Prefrontal Cortex |
| ISI  | 2014 | Homa Manaheji      | EXCLI Journal                | INDUCTION OF SPINAL LONG-TERM SYNAPTIC POTENTIATION IS SENSITIVE TO INHIBITION OF NEURONAL NOS IN L5 SPINAL NERVE-TRANSECTED RATS |
| ISI  | 2015 | Homa Manaheji      | Clinical and Experimental Pharmacology and Physiology | Inhibition of microglial activity alters spinal wide dynamic range neuron discharge and reduces microglial Toll-like receptor 4 expression in neuropathic rats |
| 12   | 15   | Homa Manaheji      | دوماهنامه طب جنوب             | The evaluation of role of NMDA receptor and spinal microglia on age dependent differences of neuropathic pain in SNL model in male rats |
| 14   | 15   | Homa Manaheji      | دوماهنامه طب جنوب             | Evaluation of the L5 spinal nerve ligation on Aδ- and C-fibers activation threshold and also LTP-induced by electrical high frequency stimulation of sciatic nerve in spinal dorsal horn of rats |
| 15   | 16   | Homa Manaheji      | دوماهنامه طب جنوب             | Study of the effect of GABAA receptore and glial inhibition on behavioral responses in CCI model of neuropathic pain in rat |
| Journal/Conference | Year | Authors | Title |
|--------------------|------|---------|-------|
| Journal of Endocrine | 2015 | H. Zardooz | Effect of early life stress on pancreatic isolated islets’ insulin secretion in young adult male rats subjected to chronic stress |
| EXCLI Journal | 2014 | H. Zardooz | RESPONSE OF LIVER ANTIOXIDANT DEFENSE SYSTEM TO ACUTE AND CHRONIC PHYSICAL AND PSYCHOLOGICAL STRESSES IN MALE RATS |
| Annual Research & Review in Biology | 2015 | H. Zardooz | High-fat Diet Alone or Combined with Stress Impaired Glucose Tolerance in Female Rats |
| Koosh | 2015 | H. Zardooz | Effects of intra-amygdala memantine infusion on metabolic symptoms induced by chronic stress in male NMRI mice |
| Physiology and Pharmacology | 2015 | H. Zardooz | Effects of systemic and intra-accumbal memantine administration on the impacts of plantar electrical shock in male NMRI mice |
| Pharmaceutical Biology | 2015 | Jalal Zaringhalam | Antinociceptive and anti-inflammatory effects of the aerial parts of Artemisia dracunculus in mice |
| Iranian Journal of Pharmaceutical Research | 2014 | Jalal Zaringhalam, Mahyar Janahmadi | Anethole, a Medicinal Plant Compound, Decreases the Production of Pro-Inflammatory TNF-α and IL-1β in a Rat Model of LPS-Induced Periodontitis |
| Computers in Biology and Medicine | 2015 | Jalal Zaringhalam | Dynamics of the HPA axis and inflammatory cytokines: Insights from mathematical modeling |
| PLOS ONE | 2015 | Mahyar Janahmadi | Preventing Effect of L-Type Calcium Channel Blockade on Electrophysiological Alterations in Dentate Gyrus Granule Cells Induced by Entorhinal Amyloid Pathology |
| International Journal of Fertility and | 2014 | Mahyar Janahmadi | Morphine Attenuates Testosterone Response to Central Injection of Kisspeptin in Male Rats |
| Year | Citation | Title                                                                 | Journal                                                                 | Author |
|------|----------|----------------------------------------------------------------------|------------------------------------------------------------------------|--------|
| 2014 | Pubmed   | Sterility                                                            | Int J Endocrinol Metab                                                 | Mahyar Janahmadi |
| 2014 | ISI      | Interactions of Morphine and Peptide 234 on Mean Plasma Testosterone Concentration | Int J Endocrinol Metab                                                 | Mahyar Janahmadi |
| 2014 | ISI      | Alterations in the Intrinsic Burst Activity of Purkinje Neurons in Offspring Maternally Exposed to the CB1 Cannabinoid Agonist WIN 55212-2 | Journal of Membrane Biology                                          | Mahyar Janahmadi |
| 2014 | ISI      | REPEATED TRANSCRANIAL MAGNETIC STIMULATION PREVENTSKINDLING-INDUCED CHANGES IN ELECTROPHYSIOLOGICAL PROPERTIES OF RAT HIPPOCAMPAL CA1 PYRAMIDAL NEURONS | Neuroscience                                                         | M. JANAHMI |
| 2014 | Scopus   | Effects of resveratrol on intrinsic neuronal properties of CA1 pyramidal neurons in rat hippocampal slices | Physiology and Pharmacology                                          | Mahyar Janahmadi |
| 2014 | Scopus   | Neuroprotective effect of minocycline on PTZ-induced epileptiform activity and alterations of the shape of action potentials in snail neurons assessed by using intracellular recordings | Physiology and Pharmacology                                          | Mahyar Janahmadi |
| 2014 | Scopus   | بررسی اثرات دو جزء فعال جدای شده از سم عقرب Buthotus schach بر ویژگی‌های پتانسیل عمل نورون‌های حلزون | پژوهش در پزشکی                                                | پژوهش در پزشکی |
| 2014 | Scopus   | The role of hippocampal orexin-1 receptors (OX1R) in mediating the effect of morphine on CA1 baseline synaptic response and short term synaptic plasticity | Arak Medical University Journal                                       | Hosseinma |

*Note: Scopus entries are listed in English, while the others are in Persian.*
| Year | Authors | Journal/Media | Title |
|------|---------|---------------|-------|
| 2014 | يی ژیه  اسپریگی | پژوهش در پزشکی نرجس حسن موردي | بر روند ایجاد تنش در پزشکی نرجس حسن موردي (Dorema ammoniacum) تأثیر بیش درمانی با صمغ وشکین | 35 |
| 2015 | Rasoul Ghasemi | Journal of Molecular Neuroscience | Humanin Does Not Protect Against STZ-Induced Spatial Memory Impairment | 36 |
| 2015 | Rasoul Ghasemi | Seizure | Thyroid hormones: Possible roles in epilepsy pathology | 37 |
| 2016 | Rasoul Ghasemi | Journal of Molecular Neuroscience | Agmatine Protects Against 6-OHDA-Induced Apoptosis, and ERK and Akt/GSK Disruption in SH-SY5Y Cells | 38 |
| 2015 | Rasoul Ghasemi | Pharmacological Research | Glycogen synthase kinase-3 beta (GSK-3 ) signaling: Implications for Parkinson’s disease | 39 |
| 2015 | Rasoul Ghasemi | Journal of Molecular Neuroscience | The Interplay of Akt and ERK in Aβ Toxicity and Insulin-Mediated Protection in Primary Hippocampal Cell Culture | 40 |
| 2015 | Rasoul Ghasemi | General and Comparative Endocrinology | Neurosteroids; potential underpinning roles in maintaining homeostasis | 41 |
| 2016 | Rasoul Ghasemi | Pharmacological Research | Integrated sphingosine-1 phosphate signaling in the central nervous system: From physiological equilibrium to pathological damage | 42 |
| 2017 | Rasoul Ghasemi | Materials Letters | Antibacterial properties of fluorinated diamond-like carbon films deposited by direct and remote plasma | 43 |
| 2016 | Jalal Zaringhalam Homa Manaheji | Journal of Cellular & Molecular Anesthesia (JCMA) | Anti-hyperalgesic and Anti-Inflammatory Effects of Long Term Calcium Administration during Adjuvant-Induced Arthritis in Rats | 44 |
| Scopus/ISI | Year | Authors | Journal/Publication | Title |
|------------|------|---------|---------------------|-------|
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Journal of Cellular & Molecular Anesthesia (JCMA) | Effects of Mesenchymal Stem Cells Conditioned Medium on Behavioral Aspects of Inflammatory Arthritic Pain Induced by Complete Freund's Adjuvant |
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Journal of medicinal plants | مقايسه تأثير تجویز توأم عصاره گیاهان گندر و لاواندولا با داروی بر بهبود ازالز زودرس در بیماران وابسته به مواد الکترونی تحت درمان با متادون |
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Basic and Clinical Neuroscience | Age-Related Differences in Neuropathic Pain Behavior and Spinal Microglial Activity after L5 Spinal Nerve Ligation in Male Rats |
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Basic and Clinical Neuroscience | The Role of C Fibers in Spinal Microglia Induction and Possible Relation with TRPV3 Expression During Chronic Inflammatory Arthritis in Rats |
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Basic and Clinical Neuroscience | Long-Term Treatment by Vitamin B1 and Reduction of Serum Proinflammatory Cytokines, Hyperalgesia, and Paw Edema in Adjuvant-Induced Arthritis |
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Entomology and Applied Science Letters | Treatment by hydroalcoholic and chloroformic extracts of salvia candidissima reduced hyperalgesia, edema and serum TNF–α level in arthritis model |
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Journal of Molecular Neuroscience | CB1 Cannabinoid Agonist (WIN55,212-2)Within the Basolateral Amygdala Induced Sensitization to Morphine and Increased the Level of μ-Opioid Receptor and c-fos in the Nucleus Accumbens |
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Journal of Cellular & Molecular Anesthesia (JCMA) | Microglia are Involved in Pain Related Behaviors during the Acute and Chronic Phases of Arthritis Inflammation |
| Scholar   | 2016 | Jalal Zaringhalam, Homa Manaheji | Middle East J Rehabil Health | Probiotics and Inflammatory Pain: A Literature Review Study |
| Scopus/ISI  | Year | Authors | Journal | Abstract |
|-------------|------|---------|---------|----------|
| Scopus      | 2016 | Jalal Zaringhalam, Homa Manaheji | Physiology and Pharmacology | Synovial fractalkine plays important role in cytokines’ related knee edema variation in rat arthritis model |
| ISI         | 2017 | Jalal Zaringhalam, Homa Manaheji | Basic and Clinical Neuroscience | The Impact of Synovial NF-κB Activation on Apoptosis Pattern Change During Adjuvant-induced Inflammation |
| Scopus      | 2017 | Jalal Zaringhalam, Homa Manaheji | Journal of medicinal plants | The Effects of Boswellia serrata and Lavandula angustifolia Extracts Administration on Improving Erection Dysfunction Following Opioid Dependence |
| Scholar     | 2017 | Jalal Zaringhalam, Homa Manaheji | Middle East J Rehabil Health | Effect of Probiotic Administration on Acute Inflammatory Pain |
| Scopus      | 2017 | Jalal Zaringhalam, Homa Manaheji | Physiology and Pharmacology | Treatment by Moringa oleifera extract can reduce gingival inflammatory cytokines in the rat periodontal model |
| ISI         | 2017 | Homeira Zardooz | General. Physiology and Biophysics | Stress increased ghrelin secretion from pancreatic isolated islets in male rats |
| ISI         | 2017 | Homeira Zardooz | Archives of Physiology and Biochemistry | High-fat diet effects on metabolic responses to chronic stress |
| ISI         | 2016 | Homeira Zardooz | Journal of Zhejiang University-SCIENCE B (Biomedicine & Biotechnology) | Maternal high-fat diet inversely affects insulin sensitivity in dams and young adult male rat offspring |
| Scopus      | 2017 | Homeira Zardooz | Koomeh | Effects of maternal separation stress on glucose homeostasis in pubertal male rats |
| ISI  | Year | Authors | Journal                        | Title                                                                 | Page |
|------|------|---------|--------------------------------|----------------------------------------------------------------------|------|
| ISl  | 2017 | Homeira Zardooz, Sevda Gheibi | Nitric Oxide                    | Nitrite increases glucose-stimulated insulin secretion and islet insulin content in obese type 2 diabetic male rats | 63   |
| ISl  | 2017 | Homeira Zardooz | Nutrition & Metabolism         | Maternal high-fat diet intensifies the metabolic response to stress in male rat offspring | 64   |
| ISl  | 2017 | Homeira Zardooz | JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY | HIGH-FAT DIET WITH STRESS IMPAIRED ISLETS’ INSULIN SECRETION BY REDUCING PLASMA ESTRADIOL AND PANCREATIC GLUT2 PROTEIN LEVELS IN RATS’ PROESTRUS PHASE | 65   |
| ISl  | 2016 | NARGES HOSSEINMARDI | SYNAPSE                        | Methamphetamine-Induced Enhancement of Hippocampal Long-Term Potentiation Is Modulated by NMDA and GABA Receptors in the Shell–Accumbens | 66   |
| scopus | 2016 | Narges Hosseinmardi, J Mazandaran, Univ Med Sci | The Role of Glial Cells in Baseline Synaptic Response and Short Term Synaptic Plasticity of CA1 Area of the Hippocampus | 67   |
| ISl  | 2016 | Fereshteh Motamedi | Neurobiology of Learning and Memory | Inactivation of nucleus incertus impairs passive avoidance learning and long term potentiation of the population spike in the perforant path-dentate gyrus evoked field potentials in rats | 68   |
| scopus | 2017 | Narges Hosseinmardi, Jalal Zaringhalam | Physiology and Pharmacology | Anti-nociceptive effect of Tanacetum Fisherae on formalin-induced inflammatory pain in rats | 69   |
| ISl  | 2016 | Sevda Gheibi, H. Manahej | Biomedicine & Pharmacotheraphy | A practical guide for induction of type-2 diabetes in rat: Incorporating a high-fat diet and streptozotocin | 70   |
| ISl  | 2017 | H. Manahej, | Neurophysiology | Short- and Long-Term Effects of Methylphenidate on Cost-Benefit Decision Making in Adult Rats | 71   |
| ISl  | 2017 | Narges Hosseinmardi | Pharmacology, Biochemistry and Behavior | Antagonism of orexin type-1 receptors (OX1Rs) attenuates naloxone-precipitated morphine withdrawal syndrome in rat dorsal hippocampus | 72   |
| ISl  | 2017 | Afsaneh Eliassi | EXCLI | ELECTRO-PHARMACOLOGICAL PROFILES OF TWO BRAIN MITOPLAST ANION CHANNELS: INFERENCES FROM SINGLE CHANNEL RECORDING | 73   |
| ISl  | 2018 | Afsaneh Eliassi | Basic and Clinical | Comparison of Effects of Light Anesthetics, Diethyl Ether and Carbon Dioxide, on Hypothalamic Paraventricular Nucleus D1 and D2 Dopamine | 74   |
| Journal | Year | Authors | Title |
|---------|------|---------|-------|
| Neuroscience | 2017 | Narges Hosseinmardi | Receptors- and Glucosensitive Neurons-Induced Food Intake in Fasted Conscious Rats |
| Brain Research Bulletin | 2017 | Mahyar Janahmadi | The protective effect of hydrogen sulfide (H2S) on traumatic brain injury (TBI) induced memory deficits in rats |
| European Journal of Pharmacology | 2017 | Narges Hosseinmardi | Decrease of high voltage Ca2+ currents in the dentate gyrus granule cells byentorhinal amyloidopathy is reversed by calcium channel blockade |
| Physiology & Behavior | 2018 | Narges Hosseinmardi | Hippocampal glial cells modulate morphine-induced behavioral responses |
| Brain Research Bulletin | 2018 | Narges Hosseinmardi | Glial cells modulate hippocampal synaptic plasticity in morphine dependent rats |
| Koomesh | 2018 | Mansoureh Baniasadi | Assessing anthropometric indices changes and related factors in patients under methadone maintenance therapy |
| European Journal of Pharmacology | 2018 | Afsaneh Etliz | Role of paraventricular hypothalamic dopaminergic D1 receptors in food intake regulation of food-deprived rats |
| EXCLI | 2018 | Rasoul Ghasemi | INVESTIGATING THE ROLE OF P38, JNK AND ERK IN LPS INDUCED HIPPOCAMPAL INSULIN RESISTANCE AND SPATIAL MEMORY IMPAIRMENT: EFFECTS OF INSULIN TREATMENT |
| Neurotoxicity Research | 2018 | Samira Danyali | Human Umbilical Cord Matrix Stem Cells Reverse Oxidative Stress-Induced Cell Death and Ameliorate Motor Function and Striatal Atrophy in Rat Model of Huntington Disease |
| Plos one | 2018 | Homeira Zardooz | Maternal separation blunted spatialmemory formation independent of peripheral and hippocampal insulin content in young adult male rats |
| Biochemical Pharmacology | 2018 | Sevda Gheibi | Regulation of vascular tone homeostasis by NO and H2S: Implications in hypertension |
| Neuroscience | 2018 | Rasoul Ghasemi | CEPO-Fc (An EPO Derivative) Protects Hippocampus Against Ab-induced Memory Deterioration: A Behavioral and Molecular Study in a Rat Model of Ab Toxicity |
| Journal of Molecular Neuroscience | 2018 | Etrat Hooshmandi | Serum Coenzyme Q10 Is Associated with Clinical Neurological Outcomes in Acute Stroke Patients |
| Physiology & Behavior | 2017 | Narges Hosseinmardi | The effect of orexin 1 and orexin 2 receptors antagonisms in the basolateral |
| Journal/Abstract Title | First Author | Year | Summary |
|------------------------|--------------|------|---------|
| Amygdala on memory processing in a passive avoidance task | Hosseinmardi | 2018 | Effects of long-term nitrate supplementation on carbohydrate metabolism, lipid profiles, oxidative stress, and inflammation in male obese type 2 diabetic rats |
| The Effect of Maternal High-Fat Feeding on Energy Homeostasis in Stressed Adult Male Rat Offspring | Zardooz H | 2019 | The Effect of Maternal High-Fat Feeding on Energy Homeostasis in Stressed Adult Male Rat Offspring |
| Nitric Oxide | Sevda Gheibi | 2018 | Spiralina Plathensis microalgae prevents scopolamine-induced memory impairment in young female Wistar rats |
| Neuro-restorative effect of sertoli cell transplants in a rat model of amyloid beta toxicity | Samira Dar | 2019 | Neuro-restorative effect of sertoli cell transplants in a rat model of amyloid beta toxicity |
| Time-course study of high fat diet induced alterations in spatial memory, hippocampal JNK, P38, ERK and Akt activity | Rasoul Ghasemi | 2019 | Time-course study of high fat diet induced alterations in spatial memory, hippocampal JNK, P38, ERK and Akt activity |
| The Effect of Intrahippocampal Insulin Injection on Scopolamine-induced Spatial Memory Impairment and Extracellular Signal-regulated Kinases Alteration | Rasoul Ghasemi | 2019 | The Effect of Intrahippocampal Insulin Injection on Scopolamine-induced Spatial Memory Impairment and Extracellular Signal-regulated Kinases Alteration |
| To be or not to be: PP2A as a dual player in CNS functions, its role in neurodegeneration, and its interaction with brain insulin signaling | Rasoul Ghasemi | 2019 | To be or not to be: PP2A as a dual player in CNS functions, its role in neurodegeneration, and its interaction with brain insulin signaling |
| Role of spinal glial cells in excitability of wide dynamic range neurons and the development of neuropathic pain with the L5 spinal nerve transection in the rats: Behavioral and electrophysiological study | Homa Manahalji | 2019 | Role of spinal glial cells in excitability of wide dynamic range neurons and the development of neuropathic pain with the L5 spinal nerve transection in the rats: Behavioral and electrophysiological study |
| DIBc, a nanochelating-based nano metal-organic framework, shows anti-diabetic effects in high-fat diet and streptozotocin-induced diabetic rats | Homeira Zardooz | 2019 | DIBc, a nanochelating-based nano metal-organic framework, shows anti-diabetic effects in high-fat diet and streptozotocin-induced diabetic rats |
| Intranasal administration of endometrial mesenchymal stem cells as a suitable approach for Parkinson's disease therapy | Saeid Bagh hammadi | 2019 | Intranasal administration of endometrial mesenchymal stem cells as a suitable approach for Parkinson's disease therapy |
| The neuroprotective effect of agmatine against amyloid β-induced apoptosis in primary cultured hippocampal cells involving ERK, Akt/GSK-3β, and TNF-α | Rasoul Ghasemi | 2019 | The neuroprotective effect of agmatine against amyloid β-induced apoptosis in primary cultured hippocampal cells involving ERK, Akt/GSK-3β, and TNF-α |
| Effect of Crataegus extract supplementation on diabetes induced memory deficits and serum biochemical parameters in male rats | Sakineh Salehi | 2019 | Effect of Crataegus extract supplementation on diabetes induced memory deficits and serum biochemical parameters in male rats |
Insulin attenuates 6-hydroxydopamine induced cell death in human neuroblastoma cells and restores p-Akt/β-Akt level

The basolateral amygdala orexin 1 and 2 receptors’ involvement in modulating spatial reference memory

Hydrogen sulfide potentiates the favorable metabolic effects of inorganic nitrite in type 2 diabetic rats

Microglial-induced apoptosis is potentially responsible for hyperalgesia variations during CFA-induced inflammation

Early postnatal hypothalamic-pituitary-adrenal axis activity and reduced insulin sensitivity in adult rats

Pancreatic HB9 protein level is affected by early life stress in young adult rats: possible involvement of TNF-α and corticosterone

Recovery of inferior alveolar nerve by photobiomodulation therapy using two laser wavelengths: A behavioral and immunological study in rat
گلوکز در پاسخ به استرس دوران بلوغ در موش صحرایی نر

بررسی نقش گابا ترانسپورتر 1 نخاعی روی تحمل به اثرات ضددردی مرفین در موش صحرایی

بررسی نقش فرکانس‌های ناپیاژ در روند آویزهای ناشی از طی مدل TNFα

بررسی مولتیپل گیپودیزه‌های اورکسین نوع 1 هیپوکمپ و باعثگذاری به مورفین و بروز قطع مصرف در موش‌های صحرایی نر

بررسی اثرات سنا و شا در کنترل تنش‌های زلزله توسط یونتین نترال زول در موش صحرایی نر

بررسی اثر استرس جداسازی از مادر بر محتوا و میزان ترشح انسولین از جزایر پانکراس، و ارتباط مقادیر مذکور با محتوای انسولین هیپوکمپ و حافظه فضایی، در موش‌ها صحرایی

بررسی مهار گیرنده‌های اورکسین نوع 1 هیپوکمپ در وابستگی به مورفین و بروز

بررسی اثرات صمغ وشا در کنترل تشنجات القایی توسط پنتونیل تترازول در موش‌های صحرایی

ارتباط فعالیت میکروگلیای نخاعی با TNF-α و علائم رفتاری درد طی التهاب ناشی از ادجوانت

ارتباط فعالیت میکروگلیای نخاعی با TNF-α و علائم رفتاری درد طی التهاب ناشی از ادجوانت

بررسی اثر آگونیست‌های سیستم گابا زیر دوز موثر، روی تغییرات الکتروفیزیولوژی نورون‌های شاخ خلفی نخاع (WDR) در موش‌های صحرایی نر تحمل یافته به مورفین

بررسی نقش تجویز سوپرناتانت (CM) سلول‌های سیستم‌های گیاتریکی در تغییرات های پس از تولد، ادم و پیان TNF-α سرمی و فعالیت آنزیم P38MAPK

بررسی نقش گیرنده‌های TNF-α و ادگر در پخش Fcα و پلک

بررسی نقش اثر استرس روی تغییرات الکتروفیزیولوژی نورون‌های شاخ خلفی نخاع (WDR) در موش‌های صحرایی

بررسی نقش میکروگلیای نخاعی با TNF-α و علائم رفتاری درد طی التهاب ناشی از ادجوانت

بررسی نقش تجویز سوپرناتانت (CM) سلول‌های سیستم‌های گیاتریکی در تغییرات های پس از تولد، ادم و پیان TNF-α سرمی و فعالیت آنزیم P38MAPK

بررسی نقش گیرنده‌های TNF-α و ادگر در پخش Fcα و پلک

بررسی نقش اثر استرس روی تغییرات الکتروفیزیولوژی نورون‌های شاخ خلفی نخاع (WDR) در موش‌های صحرایی

بررسی نقش گیرنده‌های TNF-α و ادگر در پخش Fcα و پلک

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بررسی نقش اثر استرس روی تغییرات الکتروفیزیولوژی نورون‌های شاخ خلفی نخاع (WDR) در موش‌های صحرایی

بررسی نقش گیرنده‌های TNF-α و ادگر در پخش Fcα و پلک

بررسی نقش تجویز سوپرناتانت (CM) سلول‌های سیستم‌های گیاتریکی در تغییرات های پس از تولد، ادم و پیان TNF-α سرمی و فعالیت آنزیم P38MAPK

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بررسی نقش گیرنده‌های TNF-α و ادگر در پخش Fcα و پلک

بررسی نقش تجویز سوپرناتانت (CM) سلول‌های سیستم‌های گیاتریکی در تغییرات های پس از تولد، ادم و پیان TNF-α سرمی و فعالیت آنزیم P38MAPK
مقایسه اثرات بیهوشی خفیف دی اتیل اتر و کربن دی اکسید بر رسپتورهای D1 و D2 و نورون های حساس به گلکز ناحیه پاراونتریکولار هیپوتلاموس بر دریافت غذا در موش های هوشیار.

بررسی اثر مدت زمان مصرف غذای پرچرب بر فعالیت اجزای مسیر MAPK و سیگنالینگ انسولین در هیپوکمپ موشهای صحرائی نر بالغ.

بررسی اثر حفاظتی انسولین داخل هیپوکمپ بر اختلال یادگیری و حافظه فضایی ناشی از اسکوپولامین در رتیه بالغ و نقش مسیر سیگنالینگ MAPK ها در این اثرات.

فرم قرار دادیا صورت جلسه شورای پژوهشی مرکز / دانشگاه / سازمان بهنوان شروع (تصویب) طرح و صورت جلسه شورای پژوهشی مرکز / دانشگاه / سازمان مبنی بر تایید گزارش نهایی (átام طرح فوق).

6- روند صعودی فعالیت پژوهشی مرکز طی سال گذشته

وجود روند صعودی معالجهای مبتنی بر مراکز تحقیقاتی در کارنامه سه ساله مرکز در ارائه یک از مراکز به موقع بحث ساله معاونت تحقیقات و فناوری که گزارش آن بر روی وب سایت www.hbi.ir قرار می‌گیرد.

7- دستاورد پژوهشی (ابداع، اختراع، ابتکار، حل مشکل)

در صورتی که مرکز تحقیقات در این دستاورد دارای یک مقاله مبتنی بر مطالعه، برخی از مقاله مبتنی بر اختلال، ابتکار، حل مشکل بهداشتی در سطح بر روی وب سایت www.hbi.ir قرار می‌گیرد.

8- مقاطع آموزشی
دوره‌های آموزشی تحصیلات تکمیلی که امکان راه اندازی و پذیرش دانشجو (کار آموز) در آن واحد تحقیقاتی وجود دارد را ذکر نمایید.

| مقطع تحصیلی | عنوان رشته تحصیلی | تعداد پذیرش کارآموز در سال | تعداد سال‌های که پذیرش دانشجویان دستیار انجام گرفته |
|---------------|------------------|--------------------------|-----------------------------------------------|
| کارشناسی ارشد | PhD by Research  |                          |                                               |
| Fellow Ship   |                  |                          |                                               |

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