

No.	Title	Authors	Journal	IF	SJR	CiteScore	Published
1	The conditioned medium of human embryonic stem cell-derived mesenchymal stem cells alleviates neurological deficits and improves synaptic recovery in experimental stroke	Afsaneh Asgari Taei, Leila Dargahi, Sanaz Nasoohi , Gholamreza Hassanzadeh, Mehdi Kadivar, Maryam Farahmandfar	Journal of Cellular Physiology 236(3), pp. 1967-1979	6.384 Q1	1.529 Q1	8.9 Q1	2021
2	The effects of anticancer medicinal herbs on vascular endothelial growth factor based on pharmacological aspects: a review study	Sajad Fakhri, Fatemeh Abbaszadeh, Masoumeh Jorjani, Mohammad Hossein Pourgholami	Nutrition and Cancer 73(1), pp. 1-15	2.9 Q3	0.689 Q2	4.1 Q2	2021
3	Cannabidiol efficiently suppressed the acquisition and expression of methamphetamine-induced conditioned place preference in the rat	Mahsa Anooshe, Kiana Nouri, Saeideh Karimi-Haghighi, Zahra Mousavi, Abbas Haghparsat	Behavioural Brain Research 404,113158	3.332 Q2	1.113 Q2	5.6 Q1	2021
4	Enhancement of angiogenesis and neurogenesis by intracerebroventricular injection of secretome from human embryonic stem cell-derived mesenchymal stem cells in ischemic stroke model	Afsaneh Asgari Taei, Sanaz Nasoohi , Gholamreza Hassanzadeh, Mehdi Kadivar, Leila Dargahi, Maryam Farahmandfar	Biomedicine and Pharmacotherapy 140,111709	6.529 Q1	1.323 Q1	9.3 Q1	2021
5	The role of ERalpha36 in cell type-specific functions of estrogen and cancer development	Fatemeh Mahboobifard, Leila Dargahi, Masoumeh Jorjani, Fahimeh Ramezani Tehrani, Mohammad H Pourgholami	Pharmacological Research 163,105307	7.658 Q1	1.85 Q1	10.1 Q1	2021
6	Cannabidiol attenuated the maintenance and reinstatement of extinguished methylphenidate-induced conditioned place preference in rats	Adel Kashefi, Carlos Tomaz, Shole Jamali, Ali Rashidy-Pour, Abbas Ali Vafaei, Abbas Haghparsat	Brain Research Bulletin 166, pp. 118-127	4.077 Q2	1.097 Q2	5.5 Q2	2021

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7	Carbon Nanotube Modified Microelectrode Array for Neural Interface	Mohaddeseh Vafaiee, Raheleh Mohammadpour, Manouchehr Vossoughi, Elham Asadian, Mahyar Janahmadi , Pezhman Sasanpour	Frontiers in Bioengineering and Biotechnology 8,582713	5.89 Q1	1.081 Q1	2.8 Q3	2021
8	Intranasal insulin improves mitochondrial function and attenuates motor deficits in a rat 6-OHDA model of Parkinson's disease	Farideh Irvanpour, Leila Dargahi, Mohsen Rezaei, Masoud Haghani, Reza Heidari, Neda Valian , Abolhassan Ahmadiani	CNS Neuroscience and Therapeutics 27(3), pp. 308-319	5.243 Q1	1.403 Q1	7.1 Q1	2021
9	Cannabidiol modulates the METH-induced conditioned place preference through D2-like dopamine receptors in the hippocampal CA1 region	Amir Arash Hassanlou, Shole Jamali, Kimia RayatSanati, Zahra Mousavi, Abbas Haghparast	Brain Research Bulletin 172, pp. 43-51	4.077 Q2	1.097 Q2	5.5 Q2	2021
10	Modulatory role of the orexin system in stress-induced analgesia: Involvement of the ventral tegmental area	Kobra Askari, Shahrbanoo Oryan, Akram Eidi, Jalal Zaringhalam, Abbas Haghparast	European Journal of Pain (United Kingdom) 25(10), pp. 2266-2277	3.931 Q2	1.305 Q1	6.2 Q1	2021
11	3D-printed navigation template in cervical spine fusion: a systematic review and meta-analysis	Parisa Azimi , Taravat Yazdanian, Edward C Benzel, Ali Azimi, Ali Montazeri	European Spine Journal 30(2), pp. 389-401	3.134 Q2	1.448 Q1	5.3 Q1	2021
12	Enhancement of intrinsic neuronal excitability-mediated by a reduction in hyperpolarization-activated cation current (I _h) in hippocampal CA1 neurons in a rat model of traumatic brain injury	Seyed Asaad Karimi, Narges Hosseinmardi, Mohammad Sayyah, Razieh Hajisoltani, Mahyar Janahmadi	Hippocampus 31(2), pp. 156-169	3.899 Q2	1.767 Q1	5.9 Q2	2021

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13	Involvement of Hippocampal D1-Like Dopamine Receptors in the Inhibitory Effect of Cannabidiol on Acquisition and Expression of Methamphetamine-Induced Conditioned Place Preference	Kiana Nouri, Mahsa Anooshe, Saeideh Karimi-Haghighi, Zahra Mousavi, Abbas Haghpars	Neurochemical Research 46(8), pp. 2008-2018	3.996 Q2	1.102 Q1	6.2 Q2	2021
14	Intranasal insulin improves the structure-function of the brain mitochondrial ATP-sensitive Ca ²⁺ activated potassium channel and respiratory chain activities under diabetic conditions	Nihad Torabi, Elham Noursadeghi, Farzad Shayanfar, Maryam Nazari, Javad Fahanik-Babaei, Reza Saghiri, Fariba Khodagholi , Afsaneh Eliassi	Biochimica et Biophysica Acta - Molecular Basis of Disease 1867(4),166075	5.187 Q1	1.676 Q1	9.1 Q1	2021
15	Effects of dopamine D1- and D2-like receptors in the CA1 region of the hippocampus on expression and extinction of morphine-induced conditioned place preference in rats	Farzaneh Nazari-Serenjeh, Shahram Zarrabian, Ronak Azizbeigi, Abbas Haghpars	Behavioural Brain Research 397,112924	3.332 Q2	1.113 Q2	5.6 Q1	2021
16	Cannabidiol enhanced the development of sensitization to the expression of methamphetamine-induced conditioned place preference in male rats	Arash Khanegheini, Masoumeh Khani, Shahram Zarrabian, Shahrokh Yousefzadeh-Chabok, Behrooz Khakpour Taleghani, Abbas Haghpars	Journal of Psychiatric Research 137, pp. 260-265	4.791 Q1	1.875 Q1	6.7 Q1	2021
17	Transplantation of human dental pulp stem cells compensates for striatal atrophy and modulates neuro-inflammation in 3-nitropropionic acid rat model of Huntington's disease	Eskandari N, Eskandarian Boroujeni M, Abdollahifar M.A., Piryaee A, Khodagholi F , Mirbehbahani S.H., Siroosi S, Hassani Moghaddam M, Aliaghaei A, Sadeghi Y	Neuroscience Research 170, pp. 133-144	3.304 Q3	1.234 Q1	5 Q2	2021

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18	Co-exposure to ambient PM2.5 plus gaseous pollutants increases amyloid beta1-42 accumulation in the hippocampus of male and female rats	Motesaddi Zarandi S, Shahsavani A., Khodaghohi F., Fakhri Y.	Toxin Reviews 40(3), pp. 300-309	4.266 Q2	0.402 Q4	4.8 Q2	2021
19	Verapamil as an Adjunct Therapy to Reduce tPA Toxicity in Hyperglycemic Stroke: Implication of TXNIP/NLRP3 Inflammasome	Saifudeen Ismael, Sanaz Nasoohi , Arum Yoo, Golnoush Mirzahosseini, Heba A Ahmed, Tauheed Ishrat	Molecular Neurobiology 58(8), pp. 3792-3804	5.59 Q1	1.569 Q1	9.9 Q1	2021
20	Thioredoxin interacting protein regulates age-associated neuroinflammation	Ismael S, Nasoohi S , Li L, Aslam K.S., Moshahid Khan m, El-Remessy A.B., McDonald M.P., Liao F.F., Ishrat T	Neurobiology of Disease 156,105399	5.996 Q1	2.205 Q1	8.6 Q1	2021
21	Formalin-induced inflammatory pain increases excitability in locus coeruleus neurons	Fatemeh Farahani, Hossein Azizi, Mahyar Janahmadi , Vincent Seutin, Saeed Semnanian	Brain Research Bulletin 172, pp. 52-60	4.077 Q2	1.097 Q2	5.5 Q2	2021
22	5-HT7 receptor activation rescues impaired synaptic plasticity in an autistic-like rat model induced by prenatal VPA exposure	Khodaverdi M, Rahdar M, Davoudi S, Hajisoltani R, Tavassoli T, Ghasemi Z, Amini A.E., Hosseinmardi N, Behzadi G, Janahmadi M	Neurobiology of Learning and Memory 183,107462	2.877 Q2	1.205 Q1	5 Q1	2021
23	Effects of combined exposure to heat and psychological stress on oxidative stress parameters of adult male rats	Abbasi Balochkhaneh F, Farhang Dehghan S, Haghparsat A , Vaziri M.H., Helmi Kohanehshari M, Sabour S	Toxicology and Environmental Health Sciences 13(4), pp. 397-405		0.272 Q4	1.6 Q4	2021
24	Sagittal balance of the cervical spine: a systematic review and meta-analysis	Parisa Azimi , Taravat Yazdanian, Edward C Benzel, Yong Hai, Ali Montazeri	European Spine Journal 30(6), pp. 1411-1439	3.134 Q2	1.448 Q1	5.3 Q1	2021

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25	Role of D1- and D2-like dopamine receptors within the dentate gyrus in antinociception induced by chemical stimulation of the lateral hypothalamus in an animal model of acute pain	Hossein Khaleghzadeh-Ahangar, Mina Rashvand, Abbas Haghparsat	Physiology and Behavior 229,113214	3.244 Q2	0.96 Q1	5.3 Q1	2021
26	Orexin-2 receptor antagonism in the cornu ammonis 1 region of hippocampus prevented the antinociceptive responses induced by chemical stimulation of the lateral hypothalamus in the animal model of persistent pain	Pooya Pourreza, Amir Haghparsat, Mehdi Sadeghi, Farzaneh Nazari-Serenjeh, Kobra Askari, Abbas Haghparsat	Behavioural Pharmacology pp. 515-523	2.293 Q3	0.711 Q2	4.2 Q2	2021
27	Preconditioning by ultra-low dose of tramadol reduces the severity of tramadol-induced seizure: Contribution of glutamate receptors	Neda Valian , Marziyeh Sorayya, Sareh Asadi, Fatemeh Sherafati, Ali Ershad, Sara Savaheli, Abolhassan Ahmadiani	Biomedicine and Pharmacotherapy 133,111031	6.529 Q1	1.323 Q1	9.3 Q1	2021
28	Altered D2 receptor and transcription factor EB expression in offspring of aggressive male rats, along with having depressive and anxiety-like behaviors	Solmaz Khalifeh, Fariba Khodaghali , Mohammad-Reza Zarrindast, Rezvan Alizadeh, Sareh Asadi, Hamed Mohammadi Kamsorkh, Mohammad Nasehi, Ali Ghadami, Mitra-Sadat Sadat-Shirazi	International Journal of Neuroscience 131(8), pp. 789-799	2.292 Q4	0.581 Q2	3.5 Q3	2021
29	PEGylated superparamagnetic iron oxide nanoparticles (SPIONs) ameliorate learning and memory deficit in a rat model of Alzheimer's disease: Potential participation of STIMs	Mehdi Sanati, Samaneh Aminyavari, Fariba Khodaghali, Mohammad Javad Hajipour, Payam Sadeghi, Marzieh Noruzi, Aynaz Moshtagh, Homayoon Behmadi, Mohammad Sharifzadeh	NeuroToxicology 85, pp. 145-159	4.294 Q2	1.06 Q1	6.4 Q1	2021

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30	Investigation of the effects of maternal separation on the pancreatic oxidative and inflammatory damages along with metabolic impairment in response to chronic social defeat stress in young adult male rats	Farzaneh Eskandari, Mina Salimi, Fariba Khodagholi , Mehdi Hedayati, Homeira Zardooz	Journal of Diabetes and Metabolic Disorders 20(2), pp. 1557-1565		0.619 Q2	2.1 Q3	2021
31	Genotoxic stress of particulate matter in the electric furnace of an iron casting industry on human lung epithelial cells; an in vitro study	Zahra Panjali, Behjat Jafari-Tehrani, Nader Maghsoudi , Parviz Abdolmaleki, Rezvan Zendehtdel	Toxin Reviews 40(4), pp. 820-826	4.266 Q2	0.402 Q4	4.8 Q2	2021
32	Blockade of orexin receptors in the hippocampal dentate gyrus reduced the extinction latency of morphine-induced place preference in male rats	Kimia RayatSanati, Shole Jamali, Amir Arash Hassanlou, Abbas Haghighparast	Neuroscience Letters 756,135946	3.046 Q3	0.944 Q2	4.6 Q2	2021
33	The downstream effects of forced exercise training and voluntary physical activity in an enriched environment on hippocampal plasticity in preadolescent rats	Samira Rostami, Abbas Haghighparast , Rana Fayazmilani	Brain Research 1759,147373	3.252 Q3	1.037 Q2	4.7 Q2	2021
34	Cannabidiol promotes neurogenesis in the dentate gyrus during an abstinence period in rats following chronic exposure to methamphetamine	Yasaman Razavi, Fariborz Keyhanfar, Abbas Haghighparast , Ronak Shabani, Mehdi Mehdizadeh	Metabolic Brain Disease 36(6), pp. 1381-1390	3.584 Q3	0.851 Q2	5.7 Q1	2021
35	Intra-accumbal dopaminergic system modulates the restraint stress-induced antinociceptive behaviours in persistent inflammatory pain	Golnaz Faramarzi, Elham Charmchi, Sakineh Salehi, Morteza Zendehtdel, Abbas Haghighparast	European Journal of Pain (United Kingdom) 25(4), pp. 862-871	3.931 Q2	1.305 Q1	6.2 Q1	2021

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36	Restraint Stress Potentiated Morphine Sensitization: Involvement of Dopamine Receptors within the Nucleus Accumbens	Elham Charmchi, Golnaz Faramarzi, Mina Rashvand, Morteza Zendehtdel, Abbas Haghighparast	Neurochemical Research 46(3), pp. 648-659	3.996 Q2	1.102 Q1	6.2 Q2	2021
37	Vasoactive Peptides: Role in COVID-19 Pathogenesis and Potential Use as Biomarkers and Therapeutic Targets	Pariya Khodabakhsh, Afsaneh Asgari Taei, Moein Mohseni, Dorsa Bahrami Zanjani, Hasti Khalili, Kimia Masoumi, Alireza Haji Abbas Shirazi, Leila Dargahi	Archives of Medical Research 52(8), pp. 777-787	2.235 Q4	0.602 Q2	3.8 Q1	2021
38	Following SARS-CoV-2 in the first trimester of pregnancy, what should we do in the 2nd, 3rd trimesters, and postpartum in terms of thyroid assessment?	Nahid Sarahian, Marzieh Saei Ghare Naz, Fahimeh Ramezani Tehrani	Endocrine 72(2), pp. 356-357	3.633 Q3	1.002 Q2	5.8 Q2	2021
39	The role of hippocampal glial glutamate transporter (GLT-1) in morphine-induced behavioral responses	Saeedi N, Darvishmolla M, Tavassoli Z, Davoudi S, Heysieattalab S, Hosseinmardi N, Janahmadi M , Behzadi G	Brain and Behavior 11(9), e2323	2.708 Q3	0.915 Q2	3.4 Q3	2021
40	The chemical chaperon 4-phenyl butyric acid restored high-fat diet- induced hippocampal insulin content and insulin receptor level reduction along with spatial learning and memory deficits in male rats	Fateme Binayi, Homeira Zardooz, Rasoul Ghasemi, Mehdi Hedayati, Sahar Askari, Ramin Pouriran, Mohammad Sahraei	Physiology and Behavior 231, 113312	3.244 Q2	0.96 Q1	5.3 Q1	2021
41	Investigation of common risk factors between polycystic ovary syndrome and Alzheimer's disease: a narrative review	Nahid Sarahian, Hosna Sarvazad, Elham Sajadi, Nasrin Rahnejat, Narges Eskandari Roostahani	Reproductive Health 18(1), 156	3.223 Q2	1.505 Q1	4.6 Q1	2021

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42	Role of hippocampal orexin receptors in antinociception elicited by chemical stimulation of the lateral hypothalamus in the tail-flick test	Afsaneh Zargarani, Saeideh Karimi-Haghighi, Abbas Haghighparast	Behavioural Brain Research 414,113492	3.332 Q2	1.113 Q2	5.6 Q1	2021
43	Hippocampal D1-but not D2-like dopamine receptors modulate the phosphorylation of ERK in food deprivation-induced reinstatement of morphine in extinguished rats	Roghayeh Mozafari, Saeideh Karimi-Haghighi, Etrat Hooshmandi, Rasoul Ghasemi, Morteza Koruji, Reza Ahadi, Abbas Haghighparast	NeuroReport pp. 332-338	1.837 Q4	0.607 Q3	3 Q3	2021
44	Non-selective COX inhibitors impair memory formation and short-term but not long-term synaptic plasticity	Soomaayeh Heysieattalab, Jafar Doostmohammadi, Mahgol Darvishmolla, Negin Saeedi, Narges Hosseinmardi , Masoumeh Gholami, Mahyar Janahmadi , Samira Choopani	Naunyn-Schmiedeberg's Archives of Pharmacology 394(9), pp. 1879-1891	3 Q3	0.67 Q2	3.4 Q3	2021
45	Overexpression of protein kinase Mζ in the hippocampus mitigates Alzheimer's disease-related cognitive deficit in rats	Niloufar Amini, Reza Roosta Azad, Fereshteh Motamedi , Hadi Mirzapour-Delavar, Soheil Ghasemi, Shayan Aliakbari, Hamid Gholami Pourbadie	Brain Research Bulletin 166, pp. 64-72	4.077 Q2	1.097 Q2	5.5 Q2	2021
46	Roles and Interaction of the MAPK Signaling Cascade in Abeta25-35-Induced Neurotoxicity Using an Isolated Primary Hippocampal Cell Culture System	Parisa Iloun, Etrat Hooshmandi, Sevda Gheibi, Khosrow Kashfi, Rasoul Ghasemi, Abolhassan Ahmadiani	Cellular and Molecular Neurobiology 41(7), pp. 1497-1507	5.046 Q2	1.255 Q1	7.4 Q2	2021
47	Reply	Sanaz Nasoohi , Nima Naderi	Nutritional Neuroscience 24(7), pp. 581-582	4.994 Q2	0.866 Q2	6.8 Q1	2021

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48	Design, synthesis and biological evaluation of naphthalene-derived (arylalkyl)azoles containing heterocyclic linkers as new anticonvulsants: A comprehensive in silico, in vitro, and in vivo study	Mehdi Valipour, Nima Naderi , Elmira Heidarli, Fatemeh Shaki, Farzaneh Motafeghi, Fereshteh Talebpour Amiri, Saeed Emami, Hamid Irannejad	European Journal of Pharmaceutical Sciences 166,105974	4.384 Q2	0.84 Q1	7.8 Q1	2021
49	Optogenetic stimulation of entorhinal cortex reveals the implication of insulin signaling in adult rat's hippocampal neurogenesis	Chavoshinezhad S, Zibaii M.I., Seyed Nazari M.H., Ronaghi A, Asgari Taei A, Ghorbani A, Pandamooz S, Salehi M.S., Valian N, Motamedi F, Haghparsat A, Dargahi L	Progress in Neuro-Psychopharmacology and Biological Psychiatry 111,110344	5.067 Q1	1.716 Q1	8.1 Q1	2021
50	Chronic Exposure to Tramadol Induces Neurodegeneration in the Cerebellum of Adult Male Rats	Samira Ezi S, Eskandarian Boroujeni M, Khatmi A, Vakili K, Fathi M, Abdollahifar M.A., Aghajanzpour F, Soltani R, Mirbehbahani S.H., Khodagholi F , Aliaghaei A, Mastery Farahani R	Neurotoxicity Research 39(4), pp. 1134-1147	3.911 Q2	0.923 Q2	5.6 Q2	2021
51	The effects of combined exposure to noise and heat on human salivary cortisol and blood pressure	Mohammad Javad Jafari, Reza Khosrowabadi, Soheila Khodakarim, Fariba Khodagholi , Farough Mohammadian	International Journal of Occupational Safety and Ergonomics 27(3), pp. 831-839	2.141 Q3	0.403 Q2	3.6 Q1	2021
52	Early postnatal stress impairs insulin secretion in response to psychological stress in adult rats	H Zardooz, F Sadeghimahalli, F Khodagholi	Journal of Endocrinological Investigation 44(2), pp. 277-286	4.256 Q2	1.034 Q2	6.1 Q1	2021

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53	Time-Dependent Changes in the Serum Levels of Neurobiochemical Factors After Acute Methadone Overdose in Adolescent Male Rat	Leila Ahmad-Molaei, Mahsa Pourhamzeh, Reza Ahadi, Fariba Khodagholi , Hossein Hassanian-Moghaddam, Abbas Haghpars	Cellular and Molecular Neurobiology 41(8), pp. 1635-1649	5.046 Q2	1.255 Q1	7.4 Q2	2021
54	Iatrogenic injury to long thoracic nerve following thoracotomy for right thoracic scoliosis in Marfan syndrome: a case report	Saeid Safaei, Ahmadreza Mirbolook, Parisa Azimi , Mirbahador Athari, Farhad Hamzehzadeh, Taravat Yazdanian	Journal of Medical Case Reports 15(1),167		0.287 Q3	1.3 Q2	2021
55	Design, Fabrication, and Accuracy of a Novel Noncovering Lock-Mechanism Bilateral Patient-Specific Drill Guide Template for Nondeformed and Deformed Thoracic Spines	Mehran Ashouri-Sanjani, Shima Mohammadi-Moghadam, Parisa Azimi , Navid Arjmand	HSS Journal 17(2), pp. 213-222		1.016 Q1	2.5 Q2	2021
56	The promoting effect of vagus nerve stimulation on Lempel-Ziv complexity index of consciousness	Paria Salemi-Mokri-Boukani, Habib Karimian-Sani-Varjovi, Mir-Shahram Safari	Physiology and Behavior 240,113553	3.244 Q2	0.96 Q1	5.3 Q1	2021
57	The Critical Modulatory Role of Spiny Stellate Cells in Seizure Onset Based on Dynamic Analysis of a Neural Mass Model	Saba Tabatabaee, Fariba Bahrami, Mahyar Janahmadi	Frontiers in Neuroscience 15,743720	4.677 Q2	1.499 Q2	5.4 Q2	2021
58	Does Alzheimer's disease stem in the gastrointestinal system?	Pariya Khodabakhsh P, Maryam Bazrgar, Leila Dargahi, Fatemeh Mohagheghi, Afsaneh Asgari Taei, Siavash Parvardeh, Abolhassan Ahmadiani	Life Sciences 287,120088	5.037 Q1	1.131 Q1	5.3 Q1	2021

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59	Peroxisome biogenesis factor 5 controlled Histone deacetylase 6 and Situ1 expression and modulated mitochondrial biogenesis in rat dorsal hippocampus	Shahrbano Rafiei, Fariba Khodaghali , Fereshteh Motamedi , Leila Dargahi	Physiology and Pharmacology (Iran) 25(4), pp. 341-352		0.2 Q2	0.9 Q2	2021
60	The role of pre-pubertal training history on hippocampal neurotrophic factors and glucocorticoid receptor protein levels in adult male rats	Samira Rostami, Abbas Haghighparast , Rana Fayazmilani	Neuroscience Letters 752,135834	3.046 Q3	0.944 Q2	4.6 Q2	2021
61	Dopaminergic receptors in the ventral tegmental area modulated the lateral hypothalamic stimulation-induced antinociception in an animal model of tonic pain	Ali Siahposht-Khachaki, Farzaneh Nazari-Serenjeh, Laleh Rezaee, Amir Haghighparast, Mina Rashvand, Abbas Haghighparast	Neuroscience Letters 751,135827	3.046 Q3	0.944 Q2	4.6 Q2	2021
62	Systemic administration of N-acetylcysteine during the extinction period and on the reinstatement day decreased the maintenance of morphine rewarding properties in the rats	Seyedeh-Najmeh Katebi, Anahita Torkaman-Boutorabi, Nasim Vouseoghi, Esmail Riahi, Abbas Haghighparast	Behavioural Brain Research 413,113451	3.332 Q2	1.113 Q2	5.6 Q1	2021
63	Effects of morphine on serum reproductive hormone levels and the expression of genes involved in fertility-related pathways in male rats	Marziyeh Ajdary, Sina Farzan, Yasaman Razavi, Abbas Arabdolatabadi, Abbas Haghighparast	Iranian Journal of Pharmaceutical Research 20(1), pp. 153-164	1.696 Q4	0.37 Q2	2.8 Q2	2021
64	The cross-talk between dopaminergic and nitric oxide systems in the medial septal nucleus, and their distinct effects on anxiety-like behaviors in male rats	Shahram Zarrabian, Shole Jamali, Soheila Fazli-Tabaei, Abbas Haghighparast	Journal of Psychiatric Research 141, pp. 124-135	4.791 Q1	1.875 Q1	6.7 Q1	2021

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65	Assessment of motor skill accuracy and coordination variability after application of local and remote experimental pain	Hasan Arieih, Behrouz Abdoli, Alireza Farsi, Abbas Haghparast	Research in Sports Medicine	4.674 Q1	1.397 Q1	5.6 Q1	2021
66	Maternal spatial training before fertilization improves the spatial learning process in female offspring	Javad Riyahi, Behrouz Abdoli, Francesca Gelfo, Laura Petrosini, Rasoul Rezaei, Abbas Haghparast	NeuroReport pp. 1106-1112	1.837 Q4	0.607 Q3	3 Q3	2021
67	Effect of Co-exposure to Heat and Psychological Stressors on Sperm DNA and Semen Parameters	Farnaz Abdollahi, Somayeh Farhang Dehghan, Saeid Amanpour, Abbas Haghparast , Siamak Sabour, Rezvan Zendehtdel	Toxicology Reports 8, pp. 1948-1954		1.013 Q1	6 Q1	2021
68	The effectiveness of continuous and interval exercise preconditioning against chronic unpredictable stress: Involvement of hippocampal PGC-1alpha/FNDC5/BDNF pathway	Ayyub Babaei, Maryam Nourshahi, Maryam Fani, Zahra Entezari, Seyed Behnamedin Jameie, Abbas Haghparast	Journal of Psychiatric Research 136, pp. 173-183	4.791 Q1	1.875 Q1	6.7 Q1	2021
69	Similar role of mPFC orexin-1 receptors in the acquisition and expression of morphine- and food-induced conditioned place preference in male rats	Shole Jamali, Shahram Zarrabian, Abbas Haghparast	Neuropharmacology 198,108764	5.25 Q1	1.76 Q1	9 Q1	2021
70	Cannabidiol microinjection into the nucleus accumbens attenuated nociceptive behaviors in an animal model of tonic pain	Yasaman Razavi, Mina Rashvand, Asrin Sharifi, Amir Haghparast, Fariborz Keyhanfar, Abbas Haghparast	Neuroscience Letters 762,136141	3.046 Q3	0.944 Q2	4.6 Q2	2021

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71	The role of astrocytic cx43 in baseline synaptic response and short term synaptic plasticity in ca1 area of the hippocampus	Mahgol Darvishmolla, Negin Saeedi, Soomaayeh Heysieattalab, Narges Hosseinmardi, Mahyar Janahmadi	Journal of Mazandaran University of Medical Sciences 31(198), pp. 169-179		0.153 Q4	0.7 Q3	2021
72	A probiotic supplement, Lactobacillus rhamnosus GG, and kefir separately can improve mood and exhibit potential anti-depressant-like activities in mice	H. Soltanmoradi, M.S. Maniati, A. Davoodabadi, A. Mosapour, S. Samavarchi Tehrani, M. Pazhoohan, F. Daemi, H. Khaleghzadeh-Ahangar	Acta Alimentaria 50(3), pp. 393-403	0.65 Q4	0.237 Q3	1 Q3	2021
73	The role of dentate gyrus dopaminergic receptors in the lateral hypothalamic-induced antinociception during persistent inflammatory pain in male rats	Farbod Torkamand, Ali-Mohammad Aghakhani-Lobnani, Hossein Khaleghzadeh-Ahangar, Mina Rashvand, Mohammad Rahban, Abbas Haghparsat	Behavioural Brain Research 412,113434	3.332 Q2	1.113 Q2	5.6 Q1	2021
74	Association between Structural Determinants of Health and Post-traumatic Stress Symptoms during the COVID-19 Pandemic	Zohreh Mahmoodi, Kian Javadi Koshesh, Ghaffar Almasi, Safura Pournajaf, Hadith Rastad, Nooshin Ghavidel	Current Psychiatry Research and Reviews 17(4), pp. 270-279		0.248 Q3	0.8 Q4	2021
75	Association of two specific haplotypes of serotonin transporter gene with fluvoxamine treatment outcome in Iranian patients with obsessive compulsive disorder	Sareh Asadi, Fatemeh Sadat Rashidi, Jamal Shams, Abolhassan Ahmadiani	Physiology and Pharmacology (Iran) 25(4), pp. 296-305		0.2 Q2	0.9 Q2	2021

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76	Effects of co- exposure to heat and psychological stresses on serum levels of testosterone in male rats	Faezeh Abbasi Balochkhaneh, Somayeh Farhang Dehghan, Abbas Haghighparast , Noradin Gharari, Soheila Khodakarim Ardakani	Koomesh 23(5), pp. 646-653		0.176 Q4	0.7 Q3	2021
77	Evaluation of the GABAA Receptor Expression and the Effects of Muscimol on the Activity of Wide Dynamic Range Neurons Following Chronic Constriction Injury of Sciatic Nerve in Rats	Mehdi Sadeghi, Homa Manaheji, Jalal Zaringhalam, Abbas Haghighparast , Samad Nazemi, Zahra Bahari, Seyed Mohammad Noorbakhsh	Basic and Clinical Neuroscience 12(5), pp. 651-665		0.387 Q3	1.8 Q3	2021
78	OPRM1 and CYP3A4 association with methadone dose in Iranian patients undergoing methadone maintenance therapy	Ahmad Akbari, Ali Kheradmand, Marzie Sina, Abolhassan Ahmadiani , Sareh Asadi	Journal of Addictive Diseases 39(3), pp. 357-362	1.594 Q4	0.458 Q2	1.5 Q3	2021
79	Imipramine alleviates memory impairment and hippocampal apoptosis in STZ-induced sporadic Alzheimer's rat model: Possible contribution of MAPKs and insulin signaling	Pegah Javadpour, Sahar Askari, Fatemeh Sadat Rashidi, Leila Dargahi, Abolhassan Ahmadiani , Rasoul Ghasemi	Behavioural Brain Research 408,113260	3.332 Q2	1.113 Q2	5.6 Q1	2021
80	Comparison of rat primary midbrain neurons cultured in dmem/f12 and neurobasal mediums	Neda Valian , Mansooreh Heravi, Abolhassan Ahmadiani , Leila Dargahi	Basic and Clinical Neuroscience 12(2), pp. 205-212		0.387 Q3	1.8 Q3	2021
81	Insulin Promotes Schwann-Like Cell Differentiation of Rat Epidermal Neural Crest Stem Cells	Pariya Khodabakhsh, Safura Pournajaf, Leila Mohaghegh Shalmani, Abolhassan Ahmadiani , Leila Dargahi	Molecular Neurobiology 58(10), pp. 5327-5337	5.59 Q1	1.569 Q1	9.9 Q1	2021

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82	The role of microRNA-34 family in Alzheimer's disease: A potential molecular link between neurodegeneration and metabolic disorders	Maryam Bazrgar, Pariya Khodabakhsh, Mercedes Prudencio, Fatemeh Mohagheghi, Abolhassan Ahmadiani	Pharmacological Research 172,105805	7.658 Q1	1.85 Q1	10.1 Q1	2021
83	Interactive toxicity effect of combined exposure to hematite and amorphous silicon dioxide nanoparticles in human A549 cell line	Athena Rafieepour, Mansour Rezazadeh Azari, Fariba Khodagholi , Jalal Pourahmad Jaktaji, Yadollah Mehrabi, Habibollah Peirovi	Toxicology and Industrial Health 37(5), pp. 289-302	2.273 Q3	0.512 Q2	3.4 Q2	2021
84	STIM1, STIM2, and PDI Participate in Cellular Fate Decisions in Low Energy Availability Induced by 3-NP in Male Rats	Nazila Iranipour, Farrin Babaei-Balderlou, Ali Maleki, Mehdi Moslemi, Fariba Khodagholi	Neurotoxicity Research 39(5), pp. 1459-1469	3.911 Q2	0.923 Q2	5.6 Q2	2021
85	Quality of early-life maternal care predicts empathy-like behavior in adult male rats: Linking empathy to BDNF gene expression in associated brain regions	Ehsan Asadi, Fariba Khodagholi , Sareh Asadi, Hamed Mohammadi Kamsorkh, Neda Kaveh, Ali Maleki	Brain Research 1767,147568	3.252 Q3	1.037 Q2	4.7 Q2	2021
86	Preparation, characterization, and in vivo evaluation of Rose damascene extract loaded solid lipid nanoparticles for targeted brain delivery	Rashin Mohammadi, Bahman Ebrahimi-Hosseinzadeh, Fariba Khodagholi , Ashrafalsadat Hatamian-Zarmi, Fariba Malekpour-Galogahi	Journal of Environmental Health Science and Engineering 19(2), pp. 1373-1382	2.13 Q3	0.447 Q2	2.3 Q3	2021
87	How cytosolic compartments play safeguard functions against neuroinflammation and cell death in cerebral ischemia	Fari Ryan, Seyed Esmaeil Khoshnam, Fariba Khodagholi , Ghorbangol Ashabi, Abolhassan Ahmadiani	Metabolic Brain Disease 36(7), pp. 1445-1467	3.584 Q3	0.851 Q2	5.7 Q1	2021

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88	Pancreatic HB9 protein level is affected by early life stress in young adult rats: possible involvement of TNF-alpha and corticosterone	Forouzan Sadeghimahalli, Roxana Karbaschi, Mina Salimi, Fariba Khodagholi , Homeira Zardooz	Archives of Physiology and Biochemistry 127(5), pp. 406-413	4.076 Q1	0.462 Q3	4.1 Q3	2021
89	Early-life stress altered pancreatic Krebs cycle-related enzyme activities in response to young adulthood physical and psychological stress in male rat offspring	Mina Salimi, Forouzan Sadeghimahalli, Fatemeh Shaerzadeh, Fariba Khodagholi , Homeira Zardooz	Hormone Molecular Biology and Clinical Investigation 42(1), pp. 19-27		0.734 Q2	4.1 Q2	2021
90	The Effect of Particle Size on the Cytotoxicity of Amorphous Silicon Dioxide: An in Vitro Toxicological Study	Athena Rafieepour, Mansour R Azari, Jalal Pourahmad Jaktaji, Fariba Khodagholi , Habibollah Peirovi, Yadollah Mehrabi, Yousef Mohammadian	Asian Pacific Journal of Cancer Prevention 22(2), pp. 325-332		0.512 Q2	2.7 Q2	2021
91	Interval aerobic training improves bioenergetics state and mitochondrial dynamics of different brain regions in restraint stressed rats	Fariba Khodagholi , Shima Zareh Shahamati, Mona Maleki Chamgordani, Maryam Alsadat Mousavi, Mehdi Moslemi, Mojtaba Salehpour, Shahrbanoo Rafiei, Forough Foolad	Molecular Biology Reports 48(3), pp. 2071-2082	2.316 Q4	0.532 Q3	1.8 Q4	2021
92	Blockade of orexin receptors in the ventral tegmental area reduced the extinction period of the lateral hypothalamic-induced conditioned place preference in rats	Maedeh Mahmoudi, Mehrdad Maleki-Roveshti, Amir Haghparast, Saeideh Karimi-Haghighi, Abbas Haghparast	Behavioural Pharmacology 32(1), pp. 54-61	2.277 Q4	0.588 Q2	4.8 Q2	2021
93	Irreversible extreme freezing of gait after dopamine agonist withdrawal	Mehri Salari, Anthony E Lang, Leila Dargahi , Amir Hasan Habibi, Masoud Etemadifar	Clinical case reports 9(8):e04712		0	0	2021

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94	Therapeutic Effects of Cannabidiol on Methamphetamine Abuse: A Review of Preclinical Study	Razavi, Y., Keyhanfar, F., Shabani, R., Haghparast, A. , Mehdizadeh, M.	Iranian Journal of Pharmaceutical Research 20(4), pp. 152-164	1.962 	0.354 	3.5 	2021