

☒

## یعقوب فتح اللهی ننه کران

☒

استاد

محل خدمت: دانشگاه تربیت مدرس

### سوابق تحصیلی

دانشگاه	رشته و گرایش تحصیلی	سال اخذ مدرک	مقطع تحصیلی
	Biology		کارشناسی
	Medical Physiology		کارشناسی ارشد
دانشگاه تربیت مدرس	فیزیولوژی	۱۳۷۵	دکترای تخصصی

### اطلاعات استخدامی

پایه	نوع همکاری	نوع استخدام	عنوان سمت	محل خدمت
	تمام وقت	رسمی قطعی	معاون پژوهش و فناوری جهاددانشگاهی	دفتر مرکزی

### سوابق اجرایی

عضو هیات علمی دانشگاه تربیت مدرس

معاونت پژوهش و فناوری دانشگاه تربیت مدرس

رئیس صندوق حمایت از پژوهشگران

رئیس کمیته پدافند غیرعامل

عضو شورای اجرایی جذب

عضو کمیته کارآفرینی دانشگاه تربیت مدرس

سرپرستی دفتر همکاری‌های علمی و بین‌الملل دانشگاه تربیت مدرس

سرپرستی دفتر همکاری‌های علمی و بین‌الملل دانشگاه تربیت مدرس

دبیر شورای معاونین پژوهشی دانشگاه‌های تهران

عضویت در شورای پارک علم و فناوری دانشگاه تربیت مدرس

عضویت کارگروه ارزیابی کمیته تخصصی فناوری - وزارت علوم تحقیقات و فناوری

### جوایز و تقدير نامه ها

ریافت جایزه رازی به عنوان مقام اول علوم پایه در سطح کشور

## فعالیت های علمی و اجرایی پژوهشگر برتر و استاد نمونه دانشگاه تربیت مدرس

### مقالات در نشریات

۱. جدیدی مجید,فیروزآبادی سیدمحمد,رشیدی پور علی,بلوری بهرام,فتح الهی یعقوب,تأثیر امواج ۹۵۰ مگاهرتز تلفن همراه بر تقویت طولانی مدت در هیپوکمپ,کومش,شماره صفحات ۵۱۱-۵۰۵,تابستان ۱۳۹۲.
  ۲. بختیارزاده فاطمه,شاه پسند کوروش,فتح الهی یعقوب,شجاعی امیر,میرنجفی زاده سیدجواد,تحریک عمقی مغز به عنوان یک رویکرد درمانی در بیماری آلزایمر,فیزیولوژی و فارماکولوژی ایران,شماره صفحات ۸۲-۹۸,پاییز و زمستان ۱۳۹۹.
- Zadeh, J., The role of dopamine D<sub>2</sub>-like receptors in a "depotentiation-like effect" of deep brain stimulation in kindled rats. *Brain Research*, ۲۰۲۰ ۷۱
- H., Hosseini Mardi, N., (...), Enam, S.A., Fathollahi, Y., Curcuminoids و Ahmed, T., Gilani, A. rescue long-term potentiation impaired by amyloid peptide in rat hippocampal slices. *Synapse*, ۲۰۱۱ ۷۱
- Goudarzi, I., Kaffashian, M.R., Janahmadi, M., Fathollahi, Y., Hajizadeh, S., Enhancement of Purkinje neuronal excitability by the inhibition of fast voltage gated K<sup>+</sup> channel function in ataxic rats. *Yakhteh*, ۲۰۰۸ ۱۲۱
- Salmani, M.E., Fathollahi, Y., Mirnajafizadeh, J., Semnanian, S., Epileptogenic insult alters endogenous adenosine control on long-term changes in synaptic strength by theta pattern (stimulation in hippocampus area CA1). *Synapse*, (۲۰۱۱) ۳۱
- Atapour, N., Esteky, H., Fathollahi, Y., Visual deprivation increases capability of layer II/III for epileptiform activity in the rat visual cortical slices, *Developmental Brain Research*, ۹۹۹ ۱۱ ۱۸
- Rezagholtizadeh, A., Firooz, A., Tavassoli, Z., (...), Kohlmeier, K.A., Fathollahi, Y., Vitamin D injection into the dorsal-CA1 hippocampus improves short-term sleep deprivation induced cognitive impairment in male rats, *Heliyon*, 2024 8 15
- Sharifi ,& Kelishadi, M., Zare, L., Fathollahi, Y., Javan, M., Conversion of Astrocyte Cell Lines to Oligodendrocyte Progenitor Cells Using Small Molecules and Transplantation to Animal Model of Multiple Sclerosis, *Journal of Molecular Neuroscience*, 2024 6 1
- Sharifi ,& Kelishadi, M., Zare, L., Fathollahi, Y., Javan, M., Conversion of Astrocyte Cell Lines to Oligodendrocyte Progenitor Cells Using Small Molecules and Transplantation to Animal Model of Multiple Sclerosis, *Journal of Molecular Neuroscience*, 2024 6 1
- Anvari, S., Javan, M., Mirnajafi ,& Zadeh, J., Fathollahi, Y., Repeated Morphine Exposure Alters Temporoammonic-CA1 Synaptic Plasticity in Male Rat Hippocampus, *Neuroscience*, 2024 5 3
- Anvari, S., Javan, M., Mirnajafi ,& Zadeh, J., Fathollahi, Y., Repeated Morphine Exposure Alters Temporoammonic-CA1 Synaptic Plasticity in Male Rat Hippocampus, *Neuroscience*, 2024 5 3
- Ahmadi, M., Rouhi, N., Fathollahi, Y., (...), Saab, B.J., Mirnajafi ,& Zadeh, J., A Dual Effect of Dopamine on Hippocampal LTP and Cognitive Functions in Control and Kindled Mice, *Journal of Neuroscience*, 2024 1 31
- Ahmadi, M., Rouhi, N., Fathollahi, Y., (...), Saab, B.J., Mirnajafi ,& Zadeh, J., A Dual Effect of Dopamine on Hippocampal LTP and Cognitive Functions in Control and Kindled Mice, *Journal of Neuroscience*, 2024 1 31

- Dashtban ,& Moghadam, E., Khodaverdian, S., Dabirmanesh, B., (...), Fatholahi, Y., Khajeh, .15  
K.,Hippocampal tandem mass tag (TMT) proteomics analysis during kindling epileptogenesis in  
.rat,Brain Research,2024 1 1
- Mohammadi, M., Tavassoli, Z., Anvari, S., Javan, M., Fathollahi, Y.,Avoidance and escape .16  
conditioning adjust adult neurogenesis to conserve a fit hippocampus in adult male  
.rodents,Journal of Neuroscience Research,2024 1 1
- Bakhtiarzadeh, F., Shahpasand, K., Shojaei, A., (...), Barkley, V., Mirnajafi ,& Zadeh, .17  
J.,Corrigendum to "Age-dependent Effects of Dopamine on Working Memory and Synaptic  
Plasticity in Hippocampal CA3-CA1 Synapses in Mice" [Neuroscience 532 (2023) 14-22,  
.S0306452223004256], (10.1016/j.neuroscience.2023.09.008)],Neuroscience,2024
- Bakhtiarzadeh, F., Shahpasand, K., Shojaei, A., (...), Barkley, V., Mirnajafi ,& Zadeh, .18  
J.,Corrigendum to "Age-dependent Effects of Dopamine on Working Memory and Synaptic  
Plasticity in Hippocampal CA3-CA1 Synapses in Mice" [Neuroscience 532 (2023) 14-22,  
.S0306452223004256], (10.1016/j.neuroscience.2023.09.008)],Neuroscience,2024
- Anvari S., Javan M., Mirnajafi ,& Zadeh J., Fathollahi Y.,Erratum to "Repeated Morphine .19  
Exposure Alters Temporoammonic-CA1 Synaptic Plasticity in Male Rat Hippocampus"  
[Neuroscience 545 (2024) 148-157, (S0306452224001283),  
.(10.1016/j.neuroscience.2024.03.015)],Neuroscience,2024
- Anvari S., Javan M., Mirnajafi ,& Zadeh J., Fathollahi Y.,Erratum to "Repeated Morphine .20  
Exposure Alters Temporoammonic-CA1 Synaptic Plasticity in Male Rat Hippocampus"  
[Neuroscience 545 (2024) 148-157, (S0306452224001283),  
.(10.1016/j.neuroscience.2024.03.015)],Neuroscience,2024
- Khani, F., Pourmotabbed, A., HosseiniMardi, N., (...), Fathollahi, Y., Azizi, H.,Acute adolescent .21  
morphine exposure improves dark avoidance memory and enhances long-term potentiation of  
.ventral hippocampal CA1 during adulthood in rats,Addiction Biology,2023 8 1
- Khani, F., Pourmotabbed, A., HosseiniMardi, N., (...), Fathollahi, Y., Azizi, H.,Acute adolescent .22  
morphine exposure improves dark avoidance memory and enhances long-term potentiation of  
.ventral hippocampal CA1 during adulthood in rats,Addiction Biology,2023 8 1
- Tavassoli, Z., Javan, M., HosseiniMardi, N., Fathollahi, Y.,Electrical impulses evoked activity .23  
patterns in ventral tegmental area and locus coeruleus modulate endogenous and learning-  
dependent disparity of cell proliferation along the mouse dentate gyrus,IBRO Neuroscience  
.Reports,2023 6 1
- Mosleh, M., Javan, M., Fathollahi, Y.,The properties of long-term potentiation at SC-CA1/ TA- .24  
CA1 hippocampal synaptic pathways depends upon their input pathway activation patterns,IBRO  
.Neuroscience Reports,2023 6 1
- Khani, F., Pourmotabbed, A., Veisi, M., (...), Fathollahi, Y., Azizi, H.,Adolescent morphine .25  
exposure impairs dark avoidance memory and synaptic potentiation of ventral hippocampal CA1  
.during adulthood in rats,Life Sciences,,2023 2 1
- Khani, F., Pourmotabbed, A., Veisi, M., (...), Fathollahi, Y., Azizi, H.,Adolescent morphine .26  
exposure impairs dark avoidance memory and synaptic potentiation of ventral hippocampal CA1  
.during adulthood in rats,Life Sciences,,2023 2 1
- Bakhtiarzadeh, F., Shahpasand, K., Shojaei, A., (...), Barkley, V., Mirnajafi ,& Zadeh, J.,Age- .27  
dependent Effects of Dopamine on Working Memory and Synaptic Plasticity in Hippocampal  
.CA3-CA1 Synapses in Mice,Neuroscience,2023 11 10
- Bakhtiarzadeh, F., Shahpasand, K., Shojaei, A., (...), Barkley, V., Mirnajafi ,& Zadeh, J.,Age- .28  
dependent Effects of Dopamine on Working Memory and Synaptic Plasticity in Hippocampal  
.CA3-CA1 Synapses in Mice,Neuroscience,2023 11 10
- Rezaei, M., Raoufy, M.R., Fathollahi, Y., Shojaei, A., Mirnajafi ,& Zadeh, J.,Tonic and phasic .29  
stimulations of ventral tegmental area have opposite effects on pentylenetetrazol kindled  
.seizures in mice,Epilepsy Research,2023 1 1

- Anvari, S., Foolad, F., Javan, M., Mirnajafi ,& Zadeh, J., Fathollahi, Y., A distinct impact of .30 repeated morphine exposure on synaptic plasticity at Schaffer collateral-CA1, temporoammonic-CA1, and perforant pathway-dentate gyrus synapses along the longitudinal axis of the .hippocampus,Hippocampus,2023
- Anvari, S., Foolad, F., Javan, M., Mirnajafi ,& Zadeh, J., Fathollahi, Y., A distinct impact of .31 repeated morphine exposure on synaptic plasticity at Schaffer collateral-CA1, temporoammonic-CA1, and perforant pathway-dentate gyrus synapses along the longitudinal axis of the .hippocampus,Hippocampus,2023
- Rezaei, M., Ahmadirad, N., Ghasemi, Z., (...), Fathollahi, Y., Mirnajafi ,& Zadeh, J.,Alpha .32 adrenergic receptors have role in the inhibitory effect of electrical low frequency stimulation on .epileptiform activity in rats,International Journal of Neuroscience,2023
- Rezaei, M., Ahmadirad, N., Ghasemi, Z., (...), Fathollahi, Y., Mirnajafi ,& Zadeh, J.,Alpha .33 adrenergic receptors have role in the inhibitory effect of electrical low frequency stimulation on .epileptiform activity in rats,International Journal of Neuroscience,2023
- Rezaei, M., Ghafouri, S., Asgari, A., (...), Shojaei, A., Mirnajafi ,& Zadeh, J.,Involvement of .34 dopamine D2-like receptors in the antiepileptogenic effects of deep brain stimulation during .kindling in rats,CNS Neuroscience and Therapeutics,2023
- Rezaei, M., Ghafouri, S., Asgari, A., (...), Shojaei, A., Mirnajafi ,& Zadeh, J.,Involvement of .35 dopamine D2-like receptors in the antiepileptogenic effects of deep brain stimulation during .kindling in rats,CNS Neuroscience and Therapeutics,,2023
- Khani, F., Pourmotabbed, A., HosseiniMardi, N., (...), Fathollahi, Y., Azizi, H.,Impairment of .36 spatial memory and dorsal hippocampal synaptic plasticity in adulthood due to adolescent morphine exposure,Progress in Neuro-Psychopharmacology and Biological Psychiatry, 116:-,2022 .6 8
- Khani, F., Pourmotabbed, A., HosseiniMardi, N., (...), Fathollahi, Y., Azizi, H.,Impairment of .37 spatial memory and dorsal hippocampal synaptic plasticity in adulthood due to adolescent morphine exposure,Progress in Neuro-Psychopharmacology and Biological Psychiatry, 116:-,2022 .6 8
- Cheraghi, O., Dabirmanesh, B., Ghazi, F., (...), Fathollahi, Y., Khajeh, K.,The effect of Nrf2 .38 deletion on the proteomic signature in a human colorectal cancer cell line,BMC Cancer,,2022 12 .1
- Cheraghi, O., Dabirmanesh, B., Ghazi, F., (...), Fathollahi, Y., Khajeh, K.,The effect of Nrf2 .39 deletion on the proteomic signature in a human colorectal cancer cell line,BMC Cancer,,2022 12 .1
- Khani, F., Pourmotabbed, A., HosseiniMardi, N., (...), Fathollahi, Y., Azizi, H.,Development of .40 anxiety-like behaviors during adolescence: Persistent effects of adolescent morphine exposure in .male rats,Developmental Psychobiology,2022 11 1
- Ghamkharinejad, G., Marashi, S.H., Foolad, F., Javan, M., Fathollahi, Y.,Unconditioned and .41 learned morphine tolerance influence hippocampal-dependent short-term memory and the .subjacent expression of GABA-A receptor alpha subunits,PLoS ONE,2021 9 1
- Ghamkharinejad, G., Marashi, S.H., Foolad, F., Javan, M., Fathollahi, Y.,Unconditioned and .42 learned morphine tolerance influence hippocampal-dependent short-term memory and the .subjacent expression of GABA-A receptor alpha subunits,PLoS ONE,2021 9 1
- Khodaverdian, S., Dashtban ,& Moghadam, E.,CD38 and MGlur1 as possible signaling .43 molecules involved in epileptogenesis: A potential role for NAD+ homeostasis,Brain .Research,2021 8 15
- Khodaverdian, S., Dashtban ,& Moghadam, E.,CD38 and MGlur1 as possible signaling .44 molecules involved in epileptogenesis: A potential role for NAD+ homeostasis,Brain .Research,2021 8 15
- Khodaverdian, S., Dashtban ,& Moghadam, E.,CD38 and MGlur1 as possible signaling .45

- molecules involved in epileptogenesis: A potential role for NAD<sup>+</sup> homeostasis, Brain Research, 2021 8 15
- Ahmadirad, N., Fathollahi, Y., Janahmadi, M., (...), Barkley, V., Mirnajafi, & Zadeh, J., The role .46 of alpha adrenergic receptors in mediating the inhibitory effect of electrical brain stimulation on .epileptiform activity in rat hippocampal slices, Brain Research, 2021 8 15
- Ahmadirad, N., Fathollahi, Y., Janahmadi, M., (...), Barkley, V., Mirnajafi, & Zadeh, J., The role .47 of alpha adrenergic receptors in mediating the inhibitory effect of electrical brain stimulation on .epileptiform activity in rat hippocampal slices, Brain Research, 2021 8 15
- Sadeghi, L., Rizvanov, A.A., Dabirmanesh, B., (...), Khajeh, K., Fathollahi, Y., Proteomic profiling .48 of the rat hippocampus from the kindling and pilocarpine models of epilepsy: potential targets in .calcium regulatory network, Scientific Reports, 2021 12 1
- Sadeghi, L., Rizvanov, A.A., Dabirmanesh, B., (...), Khajeh, K., Fathollahi, Y., Proteomic profiling .49 of the rat hippocampus from the kindling and pilocarpine models of epilepsy: potential targets in .calcium regulatory network, Scientific Reports, 2021 12 1
- Moazen, P., Torabi, M., Azizi, H., (...), Mirnajafi, & Zadeh, J., Semnanian, S., The locus .50 coeruleus noradrenergic system gates deficits in visual attention induced by chronic .pain, Behavioural Brain Research, 2020 6 1
- Gholami, M., Hosseini Mardi, N., Mirnajafi, & Zadeh, J., (...), Naghdi, N., Fathollahi, Y., Long-term .51 potentiation enhancing effect of epileptic insult in the CA1 area is dependent on prior-application .of primed-burst stimulation, Experimental Brain Research, 2020 4 1
- Niknam, P., Raoufy, M.R., Fathollahi, Y., Javan, M., Modulating proteoglycan receptor PTP $\square$  .52 using intracellular sigma peptide improves remyelination and functional recovery in mice with .demyelinated optic chiasm, Molecular and Cellular Neuroscience, 2019 9 1
- Niknam, P., Raoufy, M.R., Fathollahi, Y., Javan, M., Modulating proteoglycan receptor PTP $\square$  .53 using intracellular sigma peptide improves remyelination and functional recovery in mice with .demyelinated optic chiasm, Molecular and Cellular Neuroscience, 2019 9 1
- Ahmadirad, N., Fathollahi, Y., Janahmadi, M., (...), Barkley, V., Mirnajafi, & Zadeh, J., Low- .54 Frequency Electrical Stimulation Reduces the Impairment in Synaptic Plasticity Following Epileptiform Activity in Rat Hippocampal Slices through alpha 1 , But Not alpha 2 , Adrenergic .Receptors, Neuroscience, 2019 5 15
- Ahmadirad, N., Fathollahi, Y., Janahmadi, M., (...), Barkley, V., Mirnajafi, & Zadeh, J., Low- .55 Frequency Electrical Stimulation Reduces the Impairment in Synaptic Plasticity Following Epileptiform Activity in Rat Hippocampal Slices through alpha 1 , But Not alpha 2 , Adrenergic .Receptors, Neuroscience, 2019 5 15
- Ghafoori, S., Fathollahi, Y., Semnanian, S., (...), Amini, A.E., Mirnajafi, & Zadeh, J., Deep brain .56 stimulation restores the glutamatergic and GABAergic synaptic transmission and plasticity to .normal levels in kindled rats, PLoS ONE, 2019 11 1
- Ghafoori, S., Fathollahi, Y., Semnanian, S., (...), Amini, A.E., Mirnajafi, & Zadeh, J., Deep brain .57 stimulation restores the glutamatergic and GABAergic synaptic transmission and plasticity to .normal levels in kindled rats, PLoS ONE, 2019 11 1
- Sadeghian, A., Fathollahi, Y., Javan, M., (...), Rezaei, M., Mirnajafi, & Zadeh, J., Research paper: .58 Spatial learning and memory in Barnes maze test and synaptic potentiation in Schaffer collateral-CA1 synapses of dorsal hippocampus in freely moving rats, Basic and Clinical .Neuroscience, 2019
- Namvar, S., Fathollahi, Y., Javan, M., (...), Shojaei, A., Mirnajafi, & Zadeh, J., The .59 antiepileptogenic effect of low-frequency stimulation on perforant path kindling involves changes .in regulators of G-protein signaling in rat, Journal of the Neurological Sciences, 2017 4 15
- Rohampour, K., Azizi, H., Fathollahi, Y., Semnanian, S., Peripheral nerve injury potentiates .60 excitatory synaptic transmission in locus coeruleus neurons, Brain Research Bulletin, 2017 4 1
- Rohampour, K., Azizi, H., Fathollahi, Y., Semnanian, S., Peripheral nerve injury potentiates .61

- .excitatory synaptic transmission in locus coeruleus neurons,Brain Research Bulletin,2017 4 1  
Sadeghi, L., Rizvanov, A.A., Salafutdinov, I.I., (...), Fathollahi, Y., Khajeh, K.,Hippocampal .62  
asymmetry: differences in the left and right hippocampus proteome in the rat model of temporal  
.lobe epilepsy,Journal of Proteomics,,2017 2 10  
Sadeghi, L., Rizvanov, A.A., Salafutdinov, I.I., (...), Fathollahi, Y., Khajeh, K.,Hippocampal .63  
asymmetry: differences in the left and right hippocampus proteome in the rat model of temporal  
.lobe epilepsy,Journal of Proteomics,,2017 2 10  
Sadeghi, L., Rizvanov, A.A., Salafutdinov, I.I., (...), Fathollahi, Y., Khajeh, K.,Hippocampal .64  
asymmetry: differences in the left and right hippocampus proteome in the rat model of temporal  
.lobe epilepsy,Journal of Proteomics,,2017 2 10  
Alvandi, M.S., Bourmpoula, M., Homberg, J.R., Fathollahi, Y.,Association of contextual cues .65  
with morphine reward increases neural and synaptic plasticity in the ventral hippocampus of  
.rats,Addiction Biology,2017 11 1  
Moradpour, F., Fathollahi, Y., Naghdi, N., HosseiniMardi, N., Javan, M.,Prepubertal castration- .66  
associated developmental changes in sigma-1 receptor gene expression levels regulate  
.hippocampus area CA1 activity during adolescence,Hippocampus,,2016 7 1  
Moradpour, F., Fathollahi, Y., Naghdi, N., HosseiniMardi, N., Javan, M.,Prepubertal castration- .67  
associated developmental changes in sigma-1 receptor gene expression levels regulate  
.hippocampus area CA1 activity during adolescence,Hippocampus,,2016 7 1  
Ghafori, S., Fathollahi, Y., Javan, M., (...), Asgari, A., Mirnajafi ,& Zadeh, J.,Effect of low .68  
frequency stimulation on impaired spontaneous alternation behavior of kindled rats in Y-maze  
.test,Epilepsy Research,2016 10 1  
Effects of low frequency stimulation on spontaneous inhibitory and excitatory post ,& .69  
synaptic currents in hippocampal CA1 pyramidal cells of kindled rats,Effects of low frequency  
stimulation on spontaneous inhibitory and excitatory post-synaptic currents in hippocampal CA1  
.pyramidal cells of kindled rats,Cell Journal,2016  
Effects of low frequency stimulation on spontaneous inhibitory and excitatory post ,& .70  
synaptic currents in hippocampal CA1 pyramidal cells of kindled rats,Effects of low frequency  
stimulation on spontaneous inhibitory and excitatory post-synaptic currents in hippocampal CA1  
.pyramidal cells of kindled rats,Cell Journal,2016  
Dehghan, S., Hesaraki, M., Soleimani, M., (...), Fathollahi, Y., Javan, M.,Oct4 transcription .71  
factor in conjunction with valproic acid accelerates myelin repair in demyelinated optic chiasm in  
.mice,Neuroscience,2016  
Direct facilitatory role of „,Kaeidi, A., Azizi, H., Javan, M., (...), Fathollahi, Y., Semnanian, S .72  
paragigantocellularis neurons in opiate withdrawal-induced hyperactivity of rat locus coeruleus  
.neurons: An in vitro study,PLoS ONE,2015 7 31  
Doost Mohammadpour, J., HosseiniMardi, N., Janahmadi, M., (...), Motamedi, F., Rohampour, .73  
K.,Non-selective NSAIDs improve the amyloid-beta-mediated suppression of memory and  
.synaptic plasticity,Pharmacology Biochemistry and Behavior,2015 5 1  
Azhdari ,& Zarmehri, H., Semnanian, S., Fathollahi, Y.,Orexin-a modulates firing of rat rostral .74  
.ventromedial medulla neurons: An in vitro study,Cell Journa,2015 3 1  
Dehghan, S., Asadi, S., Hajikaram, M., (...), Ahmadiani, A., Javan, M.,Exogenous Oct4 in .75  
combination with valproic acid increased neural progenitor markers: An approach for enhancing  
.the repair potential of the brain,Life Sciences,,2015 2 1  
Dehghan, S., Asadi, S., Hajikaram, M., (...), Ahmadiani, A., Javan, M.,Exogenous Oct4 in .76  
combination with valproic acid increased neural progenitor markers: An approach for enhancing  
.the repair potential of the brain,Life Sciences,,2015 2 1  
Gholami, M., Moradpour, F., Semnanian, S., Naghdi, N., Fathollahi, Y.,Chronic sodium .77  
salicylate administration enhances population spike long-term potentiation following a  
combination of theta frequency primed-burst stimulation and the transient application of

- pentylenetetrazol in rat CA1 hippocampal neurons,European Journal of Pharmacology,,2015 11 .15
- Doost Mohammad Pour, J., Hosseini Mardi, N., Janahmadi, M., (...), Fathollahi, Y., Motamedi, .78  
F.,Induction of a rat model of alzheimer's disease by amyloid-beta did not change short term  
.synaptic plasticity in CA1 area of hippocampus,Koomesh,2014 9 1
- Azhdari ,& Zarmehri, H., Semnanian, S., Fathollahi, Y.,Orexin-A microinjection into the rostral .79  
ventromedial medulla causes antinociception on formalin test,Pharmacology Biochemistry and  
.Behavior,2014 7 1
- Azhdari ,& Zarmehri, H., Semnanian, S., Fathollahi, Y.,Orexin-A microinjection into the rostral .80  
ventromedial medulla causes antinociception on formalin test,Pharmacology Biochemistry and  
.Behavior,2014 7 1
- Sadegh, M., Fathollahi, Y.,Repetitive systemic morphine alters activity-dependent plasticity of .81  
schaffer-collateral-CA1 pyramidal cell synapses: Involvement of adenosine A1 receptors and  
.adenosine deaminase,Journal of Neuroscience Research,2014 10 1
- Sadegh, M., Fathollahi, Y.,Repetitive systemic morphine alters activity-dependent plasticity of .82  
schaffer-collateral-CA1 pyramidal cell synapses: Involvement of adenosine A1 receptors and  
.adenosine deaminase,Journal of Neuroscience Research,2014 10 1
- Miladi , Gorji, H., Rashidy , Pour, A., Fathollahi, Y., Semnanian, S., Jadidi, M.,Effects of .83  
voluntary exercise on hippocampal long-term potentiation in morphine-dependent  
.rats,Neuroscience,2014 1 3
- Miladi , Gorji, H., Rashidy , Pour, A., Fathollahi, Y., Semnanian, S., Jadidi, M.,Effects of .84  
voluntary exercise on hippocampal long-term potentiation in morphine-dependent  
.rats,Neuroscience,2014 1 3
- Azhdari ,& Zarmehri, H., Semnanian, S., Fathollahi, Y., Pakdel, F.G.,Tail flick modification of .85  
orexin-A induced changes of electrophysiological parameters in the rostral ventromedial  
.medulla,Cell Journal,,2014
- Azhdari ,& Zarmehri, H., Semnanian, S., Fathollahi, Y., Pakdel, F.G.,Tail flick modification of .86  
orexin-A induced changes of electrophysiological parameters in the rostral ventromedial  
.medulla,Cell Journal,,2014
- Moradpour, F., Fathollahi, Y., Naghdi, N., Hosseini Mardi, N., Javan, M.,Prepubertal castration .87  
.causes the age-dependent changes in hippocampal long-term potentiation,Synapse,2013 5 1
- Sadegh, M., Fathollahi, Y., Naghdi, N., Semnanian, S.,Morphine deteriorates spatial memory in .88  
.sodium salicylate treated rats,European Journal of Pharmacology,2013 3 15
- Sadegh, M., Fathollahi, Y., Naghdi, N., Semnanian, S.,Morphine deteriorates spatial memory in .89  
.sodium salicylate treated rats,European Journal of Pharmacology,2013 3 15
- Sadegh, M., Fathollahi, Y., Semnanian, S.,The chronic treatment in vivo of salicylate or .90  
morphine alters excitatory effects of subsequent salicylate or morphine tests in vitro in  
.hippocampus area CA1,European Journal of Pharmacology,,2013 12 5
- Sadegh, M., Fathollahi, Y., Semnanian, S.,The chronic treatment in vivo of salicylate or .91  
morphine alters excitatory effects of subsequent salicylate or morphine tests in vitro in  
.hippocampus area CA1,European Journal of Pharmacology,,2013 12 5
- Moradpour, F., Naghdi, N., Fathollahi, Y., (...), Choopani, S., Gharaylou, Z.,Pre-pubertal .92  
castration improves spatial learning during mid-adolescence in rats,Progress in Neuro-  
.Psychopharmacology and Biological Psychiatry, 46:105-112,2013 10 1
- Moradpour, F., Naghdi, N., Fathollahi, Y., (...), Choopani, S., Gharaylou, Z.,Pre-pubertal .93  
castration improves spatial learning during mid-adolescence in rats,Progress in Neuro-  
.Psychopharmacology and Biological Psychiatry, 46:105-112,2013 10 1
- Pour, J.D.M., Hosseini Mardi, N., Janahmadi, M., (...), Motamedi, F., Hooshmandi, M.,Aspirin .94  
changes short term synaptic plasticity in CA1 area of the rat  
.hippocampus,<https://rsf.research.ac.ir/Index.php?itemId=5141>,2013

- Pour, J.D.M., HosseiniMardi, N., Janahmadi, M., (...), Motamed, F., Hooshmandi, M., Aspirin .95  
changes short term synaptic plasticity in CA1 area of the rat  
.hippocampus,<https://rsf.research.ac.ir/Index.php?itemId=5141,2013>
- Jadidi, M., Firoozabadi, S.M., Rashidpour, A., Bolori, B., Fathollahi, Y., Effects of 950 MHz .96  
.mobile phone waves on hippocampal long-term potentiation,Koomesh,2013
- Ranjbar ,& Slamlou, Y., Azizi, H., Fathollahi, Y., Semnanian, S., Orexin receptor type-1 .97  
antagonist SB-334867 inhibits the development of morphine analgesic tolerance in  
.rats,Peptides,2012 5 1
- Miladi , Gorji, H., Rashidy , Pour, A., Fathollahi, Y., Anxiety profile in morphine-dependent and .98  
.withdrawn rats: Effect of voluntary exercise,Physiology and Behavior,,2012 1 18
- Sadegh, M., Fathollahi, Y., Javan, M., Semnanian, S., Tolerance to anti-nociceptive effects of .99  
sodium-salicylate and morphine decreases adenosine deaminase activity in the rat  
.hippocampus,Koomesh,2012
- Sadegh, M., Fathollahi, Y., Javan, M., Semnanian, S., Tolerance to anti-nociceptive effects of .100  
sodium-salicylate and morphine decreases adenosine deaminase activity in the rat  
.hippocampus,Koomesh,2012
- Azhdari Zarmehri, H., Semnanian, S., Fathollahi, Y., (...), Azizi, H., Rohampour, K., Intra- .101  
periaqueductal gray matter microinjection of orexin-a decreases formalin-induced nociceptive  
.behaviors in adult male rats,Journal of Pain,,2011 2 1
- HosseiniMardi, N., Azimi, L., Fathollahi, Y., Javan, M., Naghdi, N., In vivo sodium salicylate .102  
causes tolerance to acute morphine exposure and alters the ability of high frequency stimulation  
to induce long-term potentiation in hippocampus area CA1,European Journal of  
.Pharmacology,,2011 11 30
- Miladi , Gorji, H., Rashidy , Pour, A., Fathollahi, Y., (...), Semnanian, S., Safari, M., Voluntary .103  
exercise ameliorates cognitive deficits in morphine dependent rats: The role of hippocampal  
.brain-derived neurotrophic factor,Neurobiology of Learning and Memory,2011 10 1
- Shahabi, P., Gorji, A., Fathollahi, Y., (...), Arabkheradm, J., Eickhoff, M.A., Electrophysiological .104  
characteristics of hippocampal CA1 neurons after spreading depression-triggered epileptic  
.activity in brain slices,Physiology and Pharmacology,,2011
- Gorji, H.M., Rashidy ,& Pour, A., Fathollahi, Y., Semnanian, S., Akhavan, M.M., Effects of .105  
voluntary exercise on severity of naloxone precipitated morphine withdrawal signs in  
.rats,Koomesh,,2010 9 1
- Gorji, H.M., Rashidy ,& Pour, A., Fathollahi, Y., Semnanian, S., Akhavan, M.M., Effects of .106  
voluntary exercise on severity of naloxone precipitated morphine withdrawal signs in  
.rats,Koomesh,,2010 9 1
- Navidhamidi, M., Javan, M., Fatholah, Y., Semnanian, S., Effect of chronic morphine .107  
administration on Ca<sup>2+</sup>/calmodulin- dependent protein kinase IIalpha activity in rat locus  
.coeruleus and its possible role in morphine dependency,Physiology and Pharmacology,,2010 6 1
- Ghorbanian, M.T., Tiraihi, T., Mesbah ,& Namin, S.A., Fathollahi, Y., Selegiline is an efficient .108  
and potent inducer for bone marrow stromal cell differentiation into neuronal  
.phenotype,Neurological Research,,2010 3 1
- Soleimannejad, E., Naghdi, N., Khatami, Sh., Semnanian, S., Fathollahi, Y., Formalin pain .109  
increases the concentration of serotonin and its 5-hydroxyindoleacetic acid metabolite in the  
.CA1 region of hippocampus,Daru,,2010
- Sarmadi, A., Firoozabadi, S.M.P., Torkaman, G., Fathollahi, Y., The effects of vertebral .110  
column tripolar electrical stimulation with various intensities on soleus and gastrocnemius H-  
.reflex and Mh wave recruitment curve,Physiology and Pharmacology,2009 6 1
- HosseiniMardi, N., Azimi, L., Javan, M., Naghdi, N., Fathollahi, Y., Augmentation of paired .111  
pulse index as short-term plasticity due to morphine dependence,Physiology and  
.Pharmacology,,2009 6 1

- Janahmadi, M., Goudarzi, I., Kaffashian, M.R., (...), Fathollahi, Y., Hajizadeh, S., Co-treatment .112  
with riluzole, a neuroprotective drug, ameliorates the 3-acetylpyridine-induced neurotoxicity in  
cerebellar Purkinje neurones of rats: Behavioural and electrophysiological  
.evidence, NeuroToxicology, 2009 5 1
- Jafarzadeh, Z., Fathollahi, Y., Semnanian, S., (...), Salmanzadeh, F., Salmani, M.E., Morphine .113  
dependence increases the response to a brief pentylenetetrazol administration in rat  
.hippocampal CA1 in vitro, Epilepsia, 2009 4 1
- Abrari, K., Rashidy , & Pour, A., Semnanian, S., Fathollahi, Y., Post-training administration of .114  
corticosterone enhances consolidation of contextual fear memory and hippocampal long-term  
.potentiation in rats, Neurobiology of Learning and Memory,, 2009 3 1
- Mohammad , Zadeh, M., Mirnajafi , Zadeh, J., Fathollahi, Y., (...), Noorbakhsh, S.M., .115
- Motamedi, F., The role of adenosine A1 receptors in mediating the inhibitory effects of low  
.frequency stimulation of perforant path on kindling acquisition in rats, Neuroscience, 2009 2 18
- Hosseini mardi, N., Fathollahi, Y., Naghdi, N., Javan, M., Theta pulse stimulation: A natural .116  
stimulus pattern can trigger long-term depression but fails to reverse long-term potentiation in  
.morphine withdrawn hippocampus area CA1, Brain Research, 2009 10 16
- Rashidy , & Pour, A., Vafaei, A.A., Taherian, A.A., (...), Fathollahi, Y., Bandegi, A.R., Verapamil .117  
enhances acute stress or glucocorticoid-induced deficits in retrieval of long-term memory in  
.rats, Behavioural Brain Research, 2009 10 12
- Abrari, K., Rashidy , & Pour, A., Semnanian, S., Fathollahi, Y., Jadid, M., Corrigendum to Post- .118  
training administration of corticosterone enhances consolidation of contextual fear memory and  
hippocampal long-term potentiation in rats [Neurobiology of Learning and Memory 91 (2009)  
.260-265] (DOI:10.1016/j.nlm.2008.10.008), Neurobiology of Learning and Memory, 2009 10 1
- Jadidi, M., Firoozabadi, S.M., Rashidy , & Pour, A., (...), Fathollahi, Y., Sajadi, A.A., Does whole .119  
body exposure to GSM-950 MHz electromagnetic fields affect acquisition and consolidation of  
.spatial information in rats?, Iranian Journal of Radiation Research,, 2009
- Namvar, S., Mirnajafi , & Zadeh, J., Fathollahi, Y., Zeraati, M., The role of piriform cortex .120  
adenosine A1 receptors on hippocampal kindling, Canadian Journal of Neurological  
.Sciences, 2008 5 1
- Fereidoni, M., Fathollahi, Y., Janahmadi, M., Godarzi, I., A rapid and non leaky way for .121  
preparation of the sharp intracellular recording microelectrodes, Journal of biochemical and  
.biophysical methods,, 2008 4 24
- Miladi Gorji, H., Rashidy , & Pour, A., Fathollahi, Y., Effects of morphine dependence on the .122  
performance of rats in reference and working versions of the water maze, Physiology and  
.Behavior,, 2008 2 27
- Abrari, K., Rashidy , & Pour, A., Semnanian, S., Fathollahi, Y., Administration of corticosterone .123  
after memory reactivation disrupts subsequent retrieval of a contextual conditioned fear  
.memory: Dependence upon training intensity, Neurobiology of Learning and Memory, 2008 2 1
- Satarian, L., Javan, M., Fathollahi, Y., Epinephrine inhibits analgesic tolerance to intrathecal .124  
administered morphine and increases the expression of calcium-calmodulin-dependent protein  
.kinase IIalpha, Neuroscience Letters,, 2008 1 17
- Shamsizadeh, A., Sheibani, V., Arabzadeh, S., (...), Noorbakhsh, S.M., Fathollahi, Y., Single .125  
whisker experience started on postnatal days 0, 5 or 8 changes temporal characteristics of  
response integration in layers IV and V of rat barrel cortex neurons, Brain Research Bulletin, 2007  
.9 14
- Hosseini mardi, N., Mirnajafi , & Zadeh, J., Fathollahi, Y., Shahabi, P., The role of adenosine A1 .126  
and A2A receptors of entorhinal cortex on piriform cortex kindled seizures in  
.rats, Pharmacological Research,, 2007 8 1
- Mohammad , Zadeh, M., Mirnajafi , Zadeh, J., Fathollahi, Y., (...), Sadegh, M., Noorbakhsh, .127  
S.M., Effect of low frequency stimulation of perforant path on kindling rate and synaptic

- .transmission in the dentate gyrus during kindling acquisition in rats,Epilepsy Research,2007 7 1  
Rezvani, M.E., Mirnajafi ,& Zadeh, J., Fathollahi, Y., Palizvan, M.R.,Changes in .128  
neuromodulatory effect of adenosine A1 receptors on piriform cortex field potentials in  
.amygdala kindled rats,European Journal of Pharmacology,2007 6 22  
Rezvani, M.E., Mirnajafi ,& Zadeh, J., Fathollahi, Y., Palizvan, M.R.,Anticonvulsant effect of .129  
A1 but not A2A adenosine receptors of piriform cortex in amygdala-kindled rats,Canadian  
.Journal of Physiology and Pharmacology,,2007 6 1  
Soleimannejad, E., Naghdi, N., Semnanian, S., Fathollahi, Y., Kazemnejad, A.,Antinociceptive .130  
effect of intra-hippocampal CA1 and dentate gyrus injection of MK801 and AP5 in the formalin  
.test in adult male rats,European Journal of Pharmacology,2007 5 7  
Omrani, A., Ghadami, M.R., Fathi, N., (...), Fathollahi, Y., Touhidi, A.,Naloxone improves .131  
impairment of spatial performance induced by pentylenetetrazol kindling in  
.rats,Neuroscience,2007 3 30  
Ghorbanian, M.T., Tiraihi, T., Mesbah Namin, S.A., Fathollahi, Y.,Induction effect of deprenyl .132  
.on transdifferentiation of BMSCs into neuron and glial-like cells in vitro,Yakhteh,2007 3 1  
Sadegh, M., Mirnajafi ,& Zadeh, J., Javan, M., (...), Jahanshahi, A., Noorbakhsh, S.M.,The role .133  
of galanin receptors in anticonvulsant effects of low-frequency stimulation in perforant path-  
.kindled rats,Neuroscience,2007 12 5  
Salmani, M.E., Mirnajafizadeh, J., Fathollahi, Y.,Offsetting of aberrations associated with .134  
seizure proneness in rat hippocampus area CA1 by theta pulse stimulation-induced activity  
.pattern,Neuroscience,,2007 11 9  
Ghorbani, P., Mohammad , Zadeh, M., Mirnajafi , Zadeh, J., Fathollahi, Y.,Effect of different .135  
patterns of low-frequency stimulation on piriform cortex kindled seizures,Neuroscience  
. (Letters,2007 10 2  
Pourmotabbed, A., Tahmasian, M., Shahi, M., Karami Darabkhani, H., Fathollahi, .136  
.Y.,Facilitating effects of morphine dependence on spatial learning and memory in rat,Daru,,2007  
Jadidi, M., Firoozabadi, S.M.P., Rashidy ,& Pour, A., Bolouri, B., Fathollahi, Y.,The effect of .137  
.GSM mobile phone base station waves on hippocampus synaptic plasticity,Koomesh,,2007  
Shahabi, P., Mirnajafi , Zadeh, J., Fathollahi, Y., (...), Rezvani, M.E., Eslami , Far, A.,Amygdala .138  
adenosine A1 receptors have no anticonvulsant effect on piriform cortex-kindled seizures in  
.rat,Canadian Journal of Physiology and Pharmacology,,2006 8 1  
Soleimannejad, E., Semnanian, S., Fathollahi, Y., Naghdi, N.,Microinjection of ritanserin into .139  
the dorsal hippocampal CA1 and dentate gyrus decrease nociceptive behavior in adult male  
.rat,Behavioural Brain Research,2006 4 3  
Naghdi, N., Rezaei, M., Fathollahi, Y.,Microinjection of ritanserin into the CA1 region of .140  
hippocampus improves scopolamine-induced amnesia in adult male rats,Behavioural Brain  
.Research,,2006 4 3  
Khorasani, M.Z., Hajizadeh, S., Fathollahi, Y., Semnanian, S.,Interaction of adenosine and .141  
.naloxone on regional cerebral blood flow in morphine-dependent rats,Brain Research,2006 4 21  
Chekin, F., Bordbar, M., Fathollahi, Y., Alizadeh, N.,The interaction between ketamine and .142  
some crown ethers in common organic solvents studied by NMR: The effect of donating atoms  
and ligand structure,Spectrochimica Acta - Part A: Molecular and Biomolecular  
.Spectroscopy,,2006 2 1  
Moradpour, F., Naghdi, N., Fathollahi, Y.,Anastrozole improved testosterone-induced .143  
impairment acquisition of spatial learning and memory in the hippocampal CA1 region in adult  
.male rats,Behavioural Brain Research,,2006 12 15  
Heidarianpour, A., Sadeghian, E., Mirnajafi , Zadeh, J., Fathollahi, Y., Mohammad , Zadeh, .144  
M.,Anticonvulsant effects of N6-cyclohexyladenosine microinjected into the CA1 region of the  
.hippocampus on entorhinal cortex-kindled seizures in rats,Epileptic Disorders,2006 12 1  
Zeraati, M., Mirnajafi ,& Zadeh, J., Fathollahi, Y., Namvar, S., Rezvani, M.E.,Adenosine A1 and .145

- A2A receptors of hippocampal CA1 region have opposite effects on piriform cortex kindled seizures in rats,Seizure,2006 1 1
- Rashidy ,& Pour, A., Taherian, A.A., Vafaei, A.A., (...), Fathollahi, Y., Bandehgi, A.R.,Verapamil .146 enhances the impairing effects of stress on retrieval of long-term memory in rats,Koomesh,,2006
- Ezati, M.H., Semnanian, S., Fathollahi, Y., Nadermanesh, H., Altarihi, T.,Evaluation of .147 adaptive changes in the cyclic adenosine monophosphate (cAMP) of the paragigantocellularis nucleus neuron nucleus in morphine dependent rats using NMR spectroscopy,Yakhteh,2005 9 1
- Ezati, M.H., Semnanian, S., Fathollahi, Y., Nadermanesh, H., Altarihi, T.,Evaluation of .148 adaptive changes in the cyclic adenosine monophosphate (cAMP) of the paragigantocellularis nucleus neuron nucleus in morphine dependent rats using NMR spectroscopy,Yakhteh,,2005 9 1
- Mohammad , Zadeh, M., Amini, A., Mirnajafi , Zadeh, J., Fathollahi, Y.,The role of adenosine .149 A1 receptors in the interaction between amygdala and entorhinal cortex of kindled rats,Epilepsy Research,2005 6 1
- Mohammad , Zadeh, M., Amini, A., Mirnajafi , Zadeh, J., Fathollahi, Y.,The role of adenosine .150 A1 receptors in the interaction between amygdala and entorhinal cortex of kindled rats,Epilepsy Research,2005 6 1
- Azizi, H., Semnanian, S., Fathollahi, Y., (...), Zarmehri, H.A., Rohampour, K.,Effect of rolipram, .151 a type 4-specific phosphodiesterase inhibitor, on unit activity of paragigantocellularis neurons .and withdrawal signs in morphine dependent rats,Yakhteh,2005 3 1
- Azhdari Zarmehri, H., Semnanian, S., Fathollahi, Y., Pakdell, F.G.,Responsiveness of .152 paragigantocellularis nucleus neurons in morphine dependent rats to Forskolin in vivo: Single .unit recording,Yakhteh,2005 12 1
- Palizvan, M.R., Fathollahi, Y., Semnanian, S.,Epileptogenic insult causes a shift in the form .153 .of long-term potentiation expression,Neuroscience,,2005
- Ahmadi, A., Shafiezadeh, M., Fathollahi, Y., (...), Bahmani, M., Rahmati, B.,Synthesis with .154 improved yield and study on the analgesic effect of 2-hydroxyphencyclidine,Arzneimittel-Forschung/Drug Research,2005
- Hajizadeh, S., Shiran, K., Fathollahi, Y.,responsiveness of vascular alpha1-adrenoceptors of .155 diabetic rat knee joint to phenylephrine in acute inflammation,Journal of Basic and Clinical Physiology and Pharmacology, 16(4):301-309,2005
- Khorasani, M.Z., Hajizadeh, S., Semnanian, S., Fathollahi, Y.,Cerebral blood flow regulation in .156 anesthetized morphine dependent rats: The role of the adenosine system,Medical Journal of the Islamic Republic of Iran,,2005
- Rashidy ,& Pour, A., Sadeghi, H., Taherain, A.A., Vafaei, A.A., Fathollahi, Y.,The effects of .157 acute restraint stress and dexamethasone on retrieval of long-term memory in rats: An .interaction with opiate system,Behavioural Brain Research,2004 9 23
- Sarmadi, A., Firoozabadi, S.M.P., Torkaman, G., Fathollahi, Y.,Assessing information of .158 soleous and gastrocnemius motor unit H-reflex response to paired stimulation,Electromyography .and Clinical Neurophysiology,,2004 10 1
- Salmanzadeh, F., Fathollahi, Y., Semnanian, S., Shafizadeh, M.,Long-term potentiation as an .159 electrophysiological assay for morphine dependence and withdrawal in rats: An in vitro .study,Journal of Neuroscience Methods,,2003 4 15
- Salmanzadeh, F., Fathollahi, Y., Semnanian, S., Shafizadeh, M.,Dependence on morphine .160 impairs the induction of long-term potentiation in the CA1 region of rat hippocampal slices,Brain Research,,2003 3 7
- Salmanzadeh, F., Fathollahi, Y., Semnanian, S., Shafizadeh, M., Kazemnejad, A.,Dependence .161 on morphine leads to a prominent sharing among the different mechanisms of long-term .potentiation in the CA1 region of rat hippocampus,Brain Research,2003 2 14
- Omrani, A., Fathollahi, Y.,Reversal of pentylenetetrazol-induced potentiation phenomenon by .162

- .theta pulse stimulation in the CA1 region of rat hippocampal slices,Synapse,2003 11 1  
 Omrani, A., Fathollahi, Y., Almasi, M., (...), Mohammad, S., Firoozabadi, P.,Contribution of .163  
 ionotropic glutamate receptors and voltage-dependent calcium channels to the potentiation  
 phenomenon induced by transient pentylenetetrazol in the CA1 region of rat hippocampal  
 .slices,Brain Research,2003 1 3
- Rostampour, M., Fathollahi, Y., Semnanian, S., (...), Mirnajafizadeh, J., Shafizadeh, M.,The .164  
 ability of hippocampal CA1 area for induction of long-term potentiation is persistently reduced by  
 .prior treatment with cysteamine: An in vitro study,Neuropeptides,2002 8 1
- Mirnajafi ,& Zadeh, J., Mortazavi, M., Fathollahi, Y., Alasvand Zarasvand, M., Reza Palizvan, .165  
 M.,Effect of transient hippocampal inhibition on amygdaloid kindled seizures and amygdaloid  
 .kindling rate,Brain Research,,2002 11 8
- Rostampour, M., Fathollahi, Y., Semnanian, S., (...), Mirnajafizadeh, J., Shafizadeh, .166  
 M.,Cysteamine pre-treatment reduces pentylenetetrazol-induced plasticity and epileptiform  
 .discharge in the CA1 region of rat hippocampal slices,Brain Research,2002 11 15
- Fathollahi, Y., Salami, M.,The role of N-methyl-D-aspartate receptors in synaptic plasticity of .167  
 .rat visual cortex in vitro: Effect of sensory experience,Neuroscience Letters,,2001 6 29
- Palizvan, M.R., Fathollahi, Y., Semnanian, S., Hajezadeh, S., Mirnajafizad, J.,Differential .168  
 effects of pentylenetetrazol-kindling on long-term potentiation of population excitatory  
 postsynaptic potentials and population spikes in the CA1 region of rat hippocampus,Brain  
 .Research,2001 4 13
- Khalili, M., Semnanian, S., Fathollahi, Y.,Caffeine increases paragigantocellularis neuronal .169  
 firing rate and induces withdrawal signs in morphine-dependent rats,European Journal of  
 .Pharmacology,2001 2 2
- Saiepour, M.H., Semnanian, S., Fathollahi, Y.,Occurrence of morphine tolerance and .170  
 dependence in the nucleus paragigantocellularis neurons,European Journal of  
 .Pharmacology,,2001
- Omrani, A., Fathollahi, Y., Mohajerani, H. ,& R., Semnanian, S.,Primed-burst potentiation .171  
 occludes the potentiation phenomenon and enhances the epileptiform activity induced by  
 transient pentylenetetrazol in the CA1 region of rat hippocampal slices,Brain Research,,2000 9  
 .22
- Salami, M., Fathollahi, Y., Estekey, H., Motamedi, F., Atapour, N.,Effects of ketamine on .172  
 synaptic transmission and long-term potentiation in layer II/III of rat visual cortex in  
 .vitro,European Journal of Pharmacology,,2000 3 3
- Zarrindast, M. , R., Fazli , Tabaei, S., Semnanian, S., Fathollahi, Y., Yahyavi, S.H.,Effects of .173  
 adrenoceptor agents on apomorphine-induced licking behavior in rats,Pharmacology  
 .Biochemistry and Behavior,2000 2 1
- Salami, M., Fathollahi, Y.,Do Ca<sup>2+</sup> channels share NMDA receptors in plasticity of synaptic .174  
 .transmission in the rat visual cortex?,NeuroReport,,2000 11 27
- Zamani, R., Semnanian, S., Fathollahi, Y., Hajizadeh, S,Systemic naloxone enhances cerebral .175  
 blood flow in anesthetized morphine-dependent rats,European Journal of Pharmacology,,2000 11  
 .24
- Mirnajafi ,& Zadeh, J., Fathollahi, Y., Pourgholami, M.H.,Intraperitoneal and intraamygdala .176  
 .N6-cyclohexyladenosine suppress hippocampal kindled seizures in rats,Brain Research,2000
- Salami, M., Fathollahi, Y., Semnanian, S., Atapour, N.,Differential effect of dark rearing on .177  
 long-term potentiation induced by layer IV and white matter stimulation in rat visual  
 .cortex,Neuroscience Research,2000
- Salami, M., Fathollahi, Y., Motamedi, F.,Primed-burst potentiation in adult rat visual cortex in .178  
 .vitro,Developmental Brain Research,1999 12 10
- Zarrindast, M. , R., Fazli , Tabai, S., Semnanian, S., Fathollahi, Y.,Influence of different .179  
 adrenoceptor agonists and antagonists on physostigmine-Induced yawning in rats,Pharmacology

- . Biochemistry and Behavior,,1999 1 1
- Pourmotabbed, A., Motamedi, F., Fathollahi, Y., Mansouri, F.A., Semnanian, S.,Involvement .180  
of NMDA receptors and voltage-dependent calcium channels on augmentation of long-term  
.potentiation in hippocampal CA1 area of morphine dependent rats,Brain Research,1998 8 31
- Haghparast, A., Semnanian, S., Fathollahi, Y.,Morphine tolerance and dependence in the .181  
.nucleus paragigantocellularis: Single unit recording study in vivo,Brain Research,1998 12 14
- Mansouri, F.A., Motamedi, F., Fathollahi, Y., Atapour, N., Semnanian, S.,Augmentation of LTP .182  
induced by primed-bursts tetanic stimulation in hippocampal CA1 area of morphine dependent  
.rats,Brain Research,1997 9 19
- Mansouri, F.A., Motamedi, F., Fathollahi, Y., Atapour, N., Semnanian, S.,Augmentation of LTP .183  
induced by primed-bursts tetanic stimulation in hippocampal CA1 area of morphine dependent  
.rats,Brain Research,1997 9 19
- Mansouri, F.A., Motamedi, F., Fathollahi, Y., Atapour, N., Semnanian, S.,Augmentation of LTP .184  
induced by primed-bursts tetanic stimulation in hippocampal CA1 area of morphine dependent  
.rats,Brain Research,1997 9 19
- Fathollahi, Y., Motamedi, F., Semnanian, S., Zardoshti, M.,Examination of persistent effects .185  
of repeated administration of pentylenetetrazol on rat hippocampal CA1: Evidence from in vitro  
.study on hippocampal slices,Brain Research,,1997 5 30
- Fathollahi, Y., Motamedi, F., Semnanian, S., Zardoshti, M.,Repeated administration of .186  
pentylenetetrazol alters susceptibility of rat hippocampus to primed-burst stimulation: Evidence  
.from in vitro study on CA1 of hippocampal slices,Brain Research,1996 10 28
- Nejad, G.G., Mottarlini, F., Tavassoli, Z., (...), Homberg, J.R., Fathollahi, Y.,Conditioned .187  
morphine tolerance promotes neurogenesis, dendritic remodelling and pro-plasticity molecules in  
.the adult rat hippocampus,Addiction Biology,(2024 3 1
- Sadeghi, L., Rizvanov, A.A., Salafutdinov, I.I., (...), Fathollahi, Y., Khajeh, K.,Hippocampal .188  
asymmetry: differences in the left and right hippocampus proteome in the rat model of temporal  
.lobe epilepsy,Journal of Proteomics,(2017 2 10
- Sadeghi, L., Rizvanov, A.A., Salafutdinov, I.I., (...), Fathollahi, Y., Khajeh, K.,Hippocampal .189  
asymmetry: differences in the left and right hippocampus proteome in the rat model of temporal  
.lobe epilepsy,Journal of Proteomics,(2017 2 10
- Ardjmand, A., Fathollahi, Y., Sayyah, M., Kamalinejad, M., Omrani, A.,Eugenol depresses .190  
synaptic transmission but does not prevent the induction of long-term potentiation in the CA1  
.region of rat hippocampal slices,Phytomedicine,,(2006 2 13
- Rezvani, M.E., Mirnajafi ,& Zadeh, J., Fathollahi, Y., (...), Hosseiniardi, N., Shahabi, P.,The .191  
role of adenosine A1 receptor activity of piriform cortex neurons on amygdala kindled seizures in  
.rats,Yakhteh,(2005 12 1
- Sarihi, A., Fathollahi, Y., Motamedi, F., Naghdi, N., Rashidy ,& Pour, A.,Effects of lidocaine .192  
reversible inactivation of the median raphe nucleus on long-term potentiation and recurrent  
.inhibition in the dentate gyrus of rat hippocampus,Brain Research,(2003 2 7
- Atapour, N., Esteky, H., Fathollahi, Y., Mansouri, F.A.,Primed-bursts induced long-term .193  
.potentiation in rat visual cortex: Effects of dark-rearing,Brain Research,,(1999 12 18
- Mansouri, F.A., Motamedi, F., Fathollahi, Y.,Chronic in vivo morphine administration .194  
facilitates primed-bursts- induced long-term potentiation of Schaffer collateral-CA1 synapses in  
.hippocampal slices in vitro,Brain Research,(1999 1 9
- Alasvand Zaravand, M., Mirnajafi ,& Zadeh, J., Fathollahi, Y., Palizvan, M.R.,Anticonvulsant .195  
effect of bilateral injection of N6-cyclohexyladenosine into the CA1 region of the hippocampus in  
.amygdala-kindled rats,Epilepsy Research,: 2001

۱. بررسی اثرات تحریک الکتریکی با فرکانس پایین بر تقویت سیناپسی ناشی از تشنج و اختلال در یادگیری و حافظه فضایی در موش صحرایی کیندل شده
۲. بررسی نقش گیرنده های دوپامینی شبه D2 در ایجاد اثر مهاری تحریک الکتریکی با فرکانس پایین بر روند کیندلینگ مسیر پروفورنت در موش صحرایی
۳. بررسی تأثیر تحریک تونیک و فازیک ناحیه تگمنتوم شکمی بر شدت تشنج، حافظه و رفتار جستجوگرانه در موش های کیندل شده