

2016 年：

1. Zhang Y#, Xue YX#, Meng SQ, Luo YX, Liang J, Li JL, Ai SZ, Sun CY, Shen HW, Zhu WL, Wu P, Lu L, **Shi J\***. Inhibition of lactate transport erases drug memory and prevents drug relapse. *Biological Psychiatry*. 2016; 79(11):928-39. (IF 11.412)
2. Zheng J#, Yi M, **Wan Y\***. Hippocampal neurogenesis: does it relieve or worsen chronic pain? *Pain*. 2016; 157:506-507. (IF 5.445)
3. Shen F#, Wang XW#, Ge FF, Li YJ, **Cui CL\***. Essential role of the NO signaling pathway in the hippocampal CA1 in morphine-associated memory depends on glutaminergic receptors. *Neuropharmacology*. 2016; 102:216-228. (IF 5.012)
4. Zhang C#, Lu J#, Liu B, Cui Q, **Wang Y\***. Primate-specific miR-603 is implicated in the risk and pathogenesis of Alzheimer's disease. *Aging (Albany NY)*. 2016;8(2):272-90. (IF 4.867)
5. Sun Y#, Zhao LY#, Wang GB, Yue WH, He Y, Shu N, Lin QX, Wang F, Li JL, Chen N, Wang HM, Kosten TR, Feng JJ, Wang J, Tang YD, Liu SX, Deng GF, Diao GH, Tan YL, Han HB, Lu L, **Jie Shi\***. ZNF804A variants confer risk for heroin addiction and affect decision making and gray matter volume in heroin abusers. *Addiction Biology*. 2016; 21(3):657-66. (IF 4.603)
6. Sun Y#, Yu HB#, Chen J#, Liang J, Lu L, Zhou XL, **Shi J\***. Neural substrates and behavioral profiles of romantic jealousy and its temporal dynamics. *Scientific Reports*. 2016; 6:27469. (IF 4.259)
7. Wang J#, Wang J, Xing GG, **Li XL\***, **Wan Y\***. Enhanced gamma oscillatory activity in rats with chronic inflammatory pain. *Frontiers in Neuroscience*. 2016; 10:489. (IF 3.566)
8. Liu Y#, Wang XJ, Wang N, Cui CL, **Wu LZ\***. Electroacupuncture ameliorates propofol-induced cognitive impairment via an opioid receptor-independent mechanism. *The American Journal of Chinese Medicine*. 2016; 44(4):705-719. (IF 3.222)
9. Zhang HL#, Yi M, Zhang Y, Jin HY, Zhang WX, Yang JJ, Yan LY, Li R, Zhao Y, **Qiao J\***. High-fat diets exaggerate endocrine and metabolic phenotypes in a rat model of DHEA-induced PCOS. *Reproduction*. 2016;151(4):431-441. (IF 3.100)
10. Li YJ#, Ping XJ#, Yu P, Liang J, Shen F, Han JS, **Cui CL\***. Over-expression of the GluN2B subunit in the forebrain facilitates the acquisition of morphine-related positive and aversive memory in rats. *Behavioural Brain Research*. 2016;15:311:416-424. (IF 3.002)
11. Wang JK#, Fan YL#, Dong Y, Ma MY, Ma Y, Dong Y, Niu YJ, Jiang Y, Wang H, Wang ZY, **Wu LZ\***, **Sun HQ\***, **Cui CL\***. Alterations in brain structure and functional connectivity associated with abnormal impulsivity in alcohol dependent patients. *PloS One*. 2016;11(8):e0161956. (IF 2.806)
12. Zhang HF#, Dai YC, Wu J, Jia MX, Zhang JS, Shou XJ, Han SP, **Zhang R\***, **Han JS\***. Plasma oxytocin and arginine-vasopressin levels in children with autism spectrum disorder in china: associations with symptoms. *Neuroscience Bulletin*. 2016; 32(5):423-432. (IF 2.624)

13. Zhang M#, Liu J, Zhou MM, Wu HH, Hou YN, Li YF, Yin YX, Zheng LM, Liu FY, **Yi M\***, **Wan Y\***. Elevated neurosteroids in the lateral thalamus relieve neuropathic pain in rats with spared nerve injury. *Neuroscience Bulletin*. 2016; 32(4):311–322. (IF 2.624)
14. Li J#, Li HX, Shou XJ, Xu XJ, Song TJ, Han SP, **Zhang R\***, **Han JS\***. Effects of chronic restraint stress on social behaviors and the number of hypothalamic oxytocin neurons in male rats. *Neuropeptides*. 2016; 60:21-28. (IF 2.486)
15. Sun Y#, Zhang Y, Wang F, Sun YK, **Shi J\***, **Lu L\***. From genetic studies to precision medicine in alcohol dependence. *Behavioural Pharmacology*. 2016; 27(2-3 Spec Issue):87-99. (IF 2.218)
16. Zhang HL#, Sun JG, Wang C, Yu CC, Wang WW, Zhang M, Lao LX, **Yi M\***, Wan Y. Randomised controlled trial of contralateral manual acupuncture for the relief of chronic shoulder pain. *Acupuncture in Medicine*. 2016; 34(3): 1164-70. (IF 2.156)
17. Qu F#, Li R, Sun W, Lin G, Zhang R, Yang J, Tian L, Xing GG, Jiang H, Gong F, Liang XY, Meng Y, Liu JY, Zhou LY, Wang SY, Wu Y, He YJ, Ye JY, Han SP, **Han JS\***. Use of electroacupuncture and transcutaneous electrical acupoint stimulation in reproductive medicine: a group consensus. *Journal of Zhejiang University SCIENCE B*. 2017; 18(3):186-193. (IF 1.815)

2017 年:

1. Huang X#, Chen YY#, Shen Y#, Cao X#, Li A#, Liu Q#, Li Z, Zhang LB, Dai W, Tan T, **O Arias-Carrion\***, **Xue YX\***, **Su H\*** and **Yuan TF\***. Methamphetamine abuse impairs motor cortical plasticity and Function. *Molecular Psychiatry*. 2017;22(9):1274-1281. (IF 11.64)
2. Qin R# , Cao S#, Lyu TJ, Qi C, Zhang WG, **Wang Y \***. CDYL deficiency disrupts neuronal migration and increases susceptibility to epilepsy. *Cell Reports*. 2017;18(2):380-390. (IF 8.032)
3. Ge FF#, Wang N, **Cui CL \***, Li YJ, Liu Y, Ma YY, Liu SL, Zhang HL, Sun XW. Glutamatergic projections from the entorhinal cortex to dorsal dentate gyrus mediate context-induced reinstatement of heroin seeking. *Neuropsychopharmacology*. 2017;(42):1860-1870.(IF 6.544)
4. Richard HR#, Zhang Y#, **Richard LH\***. Dynamic imaging of AMPA receptor trafficking *in vitro* and *in vivo*. *Current Opinion in Neurobiology*. 2017; 45:51-58. (IF 6.541)
5. Chen J#, Liang J, Lin X, Zhang Y, Zhang Y, Lin L, **Shi J \***. Sleep deprivation promotes habitual control over goal-directed control: behavioral and neuroimaging evidence. *The Journal of Neuroscience*. 2017; 1612-17. (IF 5.971)
6. Liang J#, Li JL#, Han Y#, Luo YX, Xue YX, Zhang Yàn, Zhang Yán, Zhang LB, Chen ML, Lu L, **Shi J\***. Calpain-GRIP signaling in nucleus accumbens core mediates the reconsolidation of drug reward memory. *The Journal of Neuroscience*. 2017;37(37):8938-8951. (IF 5.971)
7. Zheng J#, Jiang YY, Xu LC, Ma LY, Liu FY, Cui S, Cai J, Liao FF, **Wan Y \***, **Yi M \***. Adult hippocampal neurogenesis along the dorsoventral axis contributes differentially to environmental enrichment combined with voluntary exercise in alleviating chronic

- inflammatory pain in mice. *The Journal of Neuroscience*. 2017; 37(15):4145-4157. (IF 5.971)
8. Wang XJ#, Liu Y, Jia M, Sun XW, Wang N, Li YJ, **Cui CL** \*. Phosphorylated SNAP25 in the CA1 Regulates Morphine-associated Contextual Memory Retrieval via Increasing GluN2B-NMDAR Surface Localization. *Addiction Biology*, 2017. (IF: 5.578)
  9. Sun Y#, Wang GB#, Lin QX#, Lu L, Shu N, Meng SQ, Wang J, Han HB, Yong H, **Shi J\***. Disrupted white matter structural connectivity in heroin abusers. *Addiction Biology*. 2017, 22(1):184-195. (IF 5.578)
  10. Li YJ#, Ping XJ, Qi C, Shen F, Sun LL, Sun XW, Ge FF, Xing GG, **Cui CL**\*, Re-exposure to morphine-associated context facilitated long-term potentiation in the vSUB-NAc glutamatergic pathway via GluN2B-containing receptor activation, *Addiction Biology*. 2017; 22(2):435-445. (IF 5.578)
  11. Li MJ#, Liu LY, Chen L, Jie Cai, Wan Y, **Xing GG** \*. Chronic stress exacerbates neuropathic pain via the integration of stress-affect related information with nociceptive information in the central nucleus of the amygdala. *Pain*. 2017; 158(4): 717-739. (IF 5.559)
  12. Ming-jia Li#, Ling-yu Liu#, Lin Chen#, Jie Cai, You Wan, **Guo-gang Xing**\*. Chronic stress exacerbates neuropathic pain via the integration of stress-affect related information and nociceptive information in the central nucleus of the amygdala. *Pain*. 2017;158(4):717-739. (IF 5.559)
  13. Huang M#, Cheng G, Tan H, Qin R, Zou YM, **Wang Y** \*, **Zhang Y** \*. Capsaicin protects cortical neurons against ischemia/reperfusion injury via down-regulating NMDA receptors. *Experimental Neurology*. 2017;295:66-76. (IF 4.483)
  14. Hu D#, Yu ZL, Zhang Y, Han Y, Zhang W, Lu L, **Shi J\***. Bumetanide treatment during early development rescues maternal separation-induced susceptibility to stress. *Scientific Reports*. 2017;7(1):11878. (IF 4.259)
  15. Liu S#, Li YJ, Wang ZY, Sun XW, Ge FF, Yang MD, Wang XJ, Wang N, Wang JK, **Cui CL** \*. CRFR1 in the ventromedial caudate putamen modulates acute stress enhanced expression of cocaine locomotor sensitization. *Neuropharmacology*. 2017;121:60-68. (IF: 4.249)
  16. Zhang C#, Chen RX, Zhang Y, Wang J, Liu FY, Cai J, Liao FF, Xu FQ, **Yi M** \*, **Wan Y** \*. Reduced GABAergic transmission in the ventrobasal thalamus contributes to thermal hyperalgesia in chronic inflammatory pain. *Scientific Reports*. 2017;7:41439. (IF 4.122)
  17. Luo LD#, Li G#, **Wang Y** \*. PLD1 promotes dendritic spine development by inhibiting ADAM10-mediated N-cadherin cleavage. *Scientific Reports*. 2017; 7(1):6035. (IF 4.122)
  18. Tian YL#, Yang CJ#, Shang SJ#, Cai YJ#, Deng XF, Zhang J, Shao F, Zhu DS, Liu YB, Chen GQ, Liang J, Sun Q, Qiu ZL, **Zhang C** \*. Loss of FMRP impaired hippocampal long-term plasticity and spatial learning in rats. *Frontiers in Molecular Neuroscience*. 2017; 10:269. (IF 3.902)
  19. Zhang M, Liu J, Zhou MM, Wu HH, Hou YN, Li YF, Yin YX, Zheng LM, Cai J, Liao FF, Liu FY, **Yi M** \*, **Wan Y** \*. Anxiolytic-like effects of elevated neurosteroids in the

- hippocampus in neuropathic pain rats with spared nerve injury. *Journal of Neurochemistry*. 2017; 141(1): 137-150. (IF 3.842)
- 20. Wang J#, Wang J, **Wan Y** \*, **Li XL** \*. The frontal area with higher frequency response is the principal feature of laser evoked potentials in rats with chronic inflammatory pain: a parallel factor analysis study. *Frontiers in Neurology*. 2017; 8: 155. (IF 3.508)
  - 21. Shou XJ#, Xu XJ, Zeng XZ, Liu Y, Yuan HS, Xing Y, Jia MX, Wei QY, Han SP, **Zhang R** \*, **Han JS** \*. A volumetric and functional connectivity MRI study of brain Arginine-vasopressin pathways in autistic children. *Neuroscience Bulletin*. 2017;18(3):186-193. (IF 3.155)
  - 22. Wang ZY#, Liang SX, Yu SS, Xie T, Wang BC, Wang JK, Li YJ, Shan BC, **Cui CL** \*. Distinct roles of dopamine receptors in the lateral thalamus in a rat model of decisional impulsivity. *Neuroscience Bulletin*. 2017; 33(4):413-422.(IF 3.155)
  - 23. **Zhang R#** \*, Zhang HF#, Han JS, Han SP. Oxytocin and arginine vasopressin pathway genes: associations with autism spectrum disorders. *Neuroscience Bulletin*. 2017;33(2):238-246. (IF 3.155)
  - 24. Zhao ZF#, Li XZ, **Wan Y** \*. Mapping the information trace in local field potentials by a computational method of two-dimensional time-shifting synchronization likelihood based on graphic processing unit acceleration. *Neuroscience Bulletin*, 2017;33(6):653-663 .(IF 3.155)
  - 25. Li XZ#, Zhao ZF#, Ma J, Cui S, Yi M, Guo HL, **Wan Y** \*. Extracting neural oscillation signatures of laser-induced nociception in pain-related regions in rats. *Front Neural Circuits*. 2017;11:71. (IF 3.005)
  - 26. Qi XT#, Zhan JS#, Xiao LM #, **Li LN** \*, Xu HX , Fu ZB , Zhang YH, Zhang J, Jia XH, Ge G , Chai RC , Gao K , **Yu ACH**\*. The Unwanted Cell Migration in the Brain: Glioma Metastasis. *Neurochemical Research*, 2017;42(6):1847-1863. (IF 2.772)
  - 27. Li S#, Cai J, Feng ZB, Jin ZR, Liu BH, Zhao HY, Jing HB, Wei TJ, Yang GN, Liu LY, Cui YJ \*, Xing GG \*. BDNF contributes to spinal long-term potentiation and mechanical hypersensitivity via Fyn-mediated phosphorylation of NMDA receptor GluN2B subunit at tyrosine 1472 in rats following spinal nerve ligation. *Neurochemical Research*. 2017; 42(10): 2712-2729. (IF 2.772)
  - 28. Zhan JS#, Gao K, Chai RC, Jia XH, Luo DP, Ge G, Jiang YW, Fung YW, **Li L\***, **Yu AC**\*. Astrocytes in Migration. *Neurochemical Research*. 2017;42(1):272-282. (IF 2.772)
  - 29. Yue LP#, Ma LY, Liu FY, Yi M, **Wan Y** \*. Brain-derived neurotrophic factor in the infralimbic cortex alleviates inflammatory pain. *Neuroscience Letters*. 2017; 655: 7-13. (IF 2.159)
  - 30. Zhang Y#, Jiang YY, Shao S, Zhang C, Liu FY, Wan Y, **Yi M** \*. Inhibiting medial septal cholinergic neurons with DREADD alleviated anxiety-like behaviors in mice. *Neuroscience Letters*. 2017; 638: 139-144. (IF 2.159)

31. Qu F#, Li R, Sun W, Lin G, Zhang R, Yang J, Tian L, Xing GG, Jiang H, Gong F, Liang XY, Meng Y, Liu JY, Zhou LY, Wang SY, Wu Y, He YJ, Ye JY, Han SP, **Han JS** \*. Use of electroacupuncture and transcutaneous electrical acupoint stimulation in reproductive medicine: a group consensus, *Journal of Zhejiang University-SCIENCE B* (Biomedicine & Biotechnology). 2017;18(3):186-193. (IF 1.815)
32. Ying Zhang#, Yun Wang \*. TRPV1: an important molecule involved in the peripheral sensitization during chronic pain and central pain modulation. *Sheng Li Xue Bao*. 2017;69(5):677-684.
33. Long S, Wang JP, Cao F, Tao X, Zhang Y\*. Imaging of AMPA receptors and synaptic plasticity. *Chinese Journal of Pharmacology and Toxicology*. 2017;31 (11). (IF 0.574)
34. 陈慧#, 李亦婧\*, 吴鎏桢\*. 伏核壳部含有 GluN2B 亚基的 NMDA 受体参与吗啡奖赏记忆的再巩固. *中国药物依赖性杂志*. 2017;26 (2) : 96 – 103.
35. 洪凡凌#, 张天宇, 张蝶\* 室管膜下区-嗅球系统神经元新生与社会行为（综述）, 生理科学进展 2017
36. 伏紫冰#, 段旭博#, 李丽娜, 雷小康, 蒋烨, 王晨, 许寒晓, 张银连, 姜交华, 柴睿超, 贾熙华, 于常海\*. 一个功能丰富的转录调控分子-下游调控元件拮抗分子. *生理学报*, 2017; (5) :703-714.
37. 王碧君#, 苏小娜, 吕玲, 张蝶\* 孤独症儿童语言水平探究, *中国儿童保健杂志*. 2017;25(12):1264-1267.
38. 张纪水#, 张秀婷, 邹丽萍, 张蝶, 韩松平, 韩济生\*, 经皮穴位电刺激治疗儿童孤独症的初步研究, 针刺研究. 2017;42(3):249-253.
39. 张瑛#, 王韵\*. TRPV1: 一种同时参与慢性痛外周敏化和疼痛中枢调制的重要分子. *生理学报*, 2017;69(5) : 677 – 684.
40. 安勇博#, 梁文英#, 李轶雯, 刘璐, 王冬青, 戴笑妍, 马驰, 钱驿, 马瑞, 丁瞳, 张蝶\*. 新生儿期母子隔离与抚触刺激对成年后大鼠社会交往行为影响. *中国生育健康杂志*. 2017;28(1).
41. 曹帅#, 王韵\*, 氯胺酮的临床作用与机制研究进展, *科学通报*, 2017, 62(1) : 9-15.

2018 年:

1. **Mehta M#\***, Zhang Y#, Roth RH#, Zhang JF, Mo A, Tenner B, **Huganir RL\***, **Zhang J\***. Single-fluorophore biosensors for sensitive and multiplexed detection of signalling activities. *Nature Cell Biology*. 2018; 20(10): 1215-1225. (IF 17.728)
2. Li J#, He J, Tang L, Chen L, Ma Y, **Fan DS\***. Screening for TUBA4A mutations in a large Chinese cohort of patients with ALS: re-evaluating the pathogenesis of TUBA4A in ALS. *Journal of Neurology Neurosurgery and Psychiatry*. 2018; 89(12): 1350-1352. (IF 8.272)
3. Ai S#, Yin Y#, Chen Y, Wang C, Sun Y, Tang X, Lu L, **Zhu L\***, **Shi J\***. Promoting subjective preferences in simple economic choices during nap. *Elife*. 2018; 7. pii: e40583. (IF 7.551)
4. Wang N#, Ge FF#, **Cui CL\***, Li YJ, Sun XW, Sun LL, Wang XJ, Liu SL, Zhang HL, Liu Y, Jia M, Yang MD. Role of Glutamatergic Projections from the Ventral CA1 to Infralimbic Cortex in Context-Induced Reinstatement of Heroin Seeking. *Neuropsychopharmacology*. 2018; 43(6): 1373-1384. (IF 7.160)

5. Yang Y#, Li S#, Jin ZR#, Jing HB#, Zhao HY, Liu BH, Liang YJ, Liu LY, Cai J, Wan Y, **Xing GG\***. Decreased abundance of TRESK two-pore domain potassium channels in sensory neurons underlies the pain associated with bone metastasis. *Science Signaling*. 2018; 11(552): 1-20. (IF 6.481)
6. Cen C#, Luo LD#, Li WQ, Li G, Tian NX, Zheng G, Yin DM, Zou YM, **Wang Y\***. PKD1 promotes functional synapse formation coordinated with N-cadherin in hippocampus. *The Journal of Neuroscience*. 2018; 38(1): 183-199. (IF 6.074)
7. Tian NX#, Xu Y#, Yang JY, Li L, Sun XH, **Wang Y\***, **Zhang Y\***. KChIP3 N-terminal 31-50 fragment mediates its association with TRPV1 and alleviates inflammatory hyperalgesia in rats. *The Journal of Neuroscience*. 2018; 38(7): 1756-1773. (IF 6.074)
8. Jiang YY#, Shao S, Zhang Y, Zheng J, Chen X, Cui S, Liu FY, Wan Y, **Yi M\***. Neural pathways in medial septal cholinergic modulation of chronic pain: distinct contribution of the anterior cingulate cortex and ventral hippocampus. *Pain*. 2018; 159(8): 1550-1561. (IF 6.029)
9. Hu F#, Liu HC#, Su DQ#, Chen HJ, Chan S, **Wang Y\***, **Wang J\***. Nogo-A promotes inflammatory heat hyperalgesia by maintaining TRPV-1 function in the rat dorsal root ganglion neuron. *FASEB Journal*. 2018; fj201800382RR. (IF 5.391)
10. Sun Y#, Zhang Y#, Zhang D#, Chang SH, Jin RX, Yue WH, Lu L, Sun YK, **Fan Y\***, **Shi J\***. GABRA2 rs279858-linked variants are associated with disrupted structural connectome of reward circuits in heroin abusers. *Translational Psychiatry*. 2018,8(1):138. (IF 5.182)
11. Yang Y#, Li Q#, Han JS, **Su L\***, **Wan Y\***. Heteromerization of MOR and CCKBR through the third transmembrane domain of MOR contributes to anti-opioid effects of cholecystokinin octapeptide. *Experimental and Molecular Medicine* 2018; 50(5): 64. doi: 10.1038/s12276-018-0090-5. (IF 4.743)
12. Ding X#, Liang TJ, Su L, **Liao FF**, Fang D, Tai J, **Xing GG\***. BDNF contributes to the neonatal incision-induced facilitation of spinal long-term potentiation and the exacerbation of incisional pain in adult rats. *Neuropharmacology*. 2018; 137: 114-132. (IF 4.367)
13. Meng FC#, Xu XJ#, Song TJ, Shou XJ, Wang XL, Han SP, **Han JS\***, **Zhang R\***. The development of an autism subtyping questionnaire based on social behaviors. *Neuroscience Bulletin*. 2018; 34(5): 789-800. (IF 4.246)
14. Xu LC#, Wan YL, Ma LY, Zheng J, Han BX, Liu FY, Yi M, **Wan Y\***. A Context-based Analgesia Model in Rats: Involvement of Prefrontal Cortex. *Neuroscience Bulletin*. 2018; Sep 3. doi: 10.1007/s12264-018-0279-6. (IF 4.246)
15. Tian DY#, Yang Q#, Dong Q, Li N, Yan B, **Fan DS\***. Trends in stroke subtypes and vascular risk factors in a stroke center in China over 10 years. *Scientific Reports*. 2018; 8:5037 (IF 4.011).
16. Dai YC#, Zhang HF#, Schön M, Böckers TM, Han SP, Han JS, **Zhang R\***. Neonatal Oxytocin Treatment Ameliorates Autistic-Like Behaviors and Oxytocin Deficiency in Valproic Acid-Induced Rat Model of Autism. *Frontiers in Cellular Neuroscience*. 2018; 12: 355. doi: 10.3389/fncel.2018.00355. (IF 3.900)

17. Chen W#, Chi YN #, Kang XJ, Liu QY, Zhang HL, Li ZH, Zhao ZF, Yang Y, Su L, Cai J, Liao FF, Yi M, **Wan Y\***, **Liu FY\***. Accumulation of Cav3.2 T-type calcium channels in the uninjured sural nerve contributes to neuropathic pain in rats with spared nerve injury. *Frontiers in Molecular Neuroscience*. 2018; 11: 24. doi: 10.3389/fnmol.2018.00024. (IF 3.720)
18. Fan XC, Fu S, Liu FY, Cui S, **Yi M\***, **Wan Y\***. Persistent hyperphosphorylation of p38 in prelimbic cortex contributes to aggravated nociceptive responses in rats with chronic inflammatory pain experience. *Frontiers in Molecular Neuroscience*. 2018; 11: 85. doi: 10.3389/fnmol.2018.00085. (IF 3.720)
19. Wu J#, Liu DJ, Shou XJ, Zhang JS, Meng FC, Liu YQ, Han SP, Zhang R, **Wang JY\***, **Han JS\***, Chinese children with autism: A multiple chemical elements profile in erythrocytes. *Autism Research*. 2018; 11(6): 834-845. (IF 3.697)
20. Zhou R#, Wang J#, Qi WJ, Liu FY, Yi M, **Guo HL\***, **Wan Y\***. Elevated resting state gamma oscillatory activities in electroencephalograph of patients with post-herpetic neuralgia. *Frontiers in Neuroscience*. 2018; 12:750. (IF 3.648)
21. Tian DY#, Li J, Tang L, Zhang N, **Fan DS\***. Screening for CCNF Mutations in a Chinese Amyotrophic Lateral Sclerosis Cohort. *Frontiers in Aging Neuroscience*. 2018; 10: 185. doi: 10.3389/fnagi.2018.00185. (IF 3.633)
22. Xu LP#, Li J, Tian DY, Chen L, Tang L, **Fan DS\***. The rs696880 Polymorphism in the Nogo-A Receptor Gene (RTN4R) Is Associated With Susceptibility to Sporadic Amyotrophic Lateral Sclerosis in the Chinese Population. *Frontiers in Aging Neuroscience*. 2018; 10: 108. doi: 10.3389/fnagi.2018.00108. (IF 3.633)
23. Zhao HY#, Liu LY, **Cai J**, Cui YJ\*, **Xing GG\***. Electro-acupuncture Treatment Alleviates the Remifentanil-induced Hyperalgesia by Regulating the Activities of Ventral Posterior Lateral Nucleus of the Thalamus Neurons in Rats. *Neural Plasticity*. 2018; article ID 6109723. (IF 3.591)
24. Chen WH#, Chen J#, Lin X, Li P, Shi L, Liu JJ, Sun HQ, **Lu L\***, **Shi J\***. Dissociable effects of sleep deprivation on functional connectivity in the dorsal and ventral default mode networks. *Sleep Medicine*. 2018;50:137-144. (IF 3.360)
25. Sun YK#, Shi L, Bao Y, Sun Y, **Shi J\***, **Lu L\***. The bidirectional relationship between sleep duration and depression in community-dwelling middle-aged and elderly individuals: evidence from a longitudinal study. *Sleep Medicine*. 2018;52:221-229. (IF 3.360)
26. Ma H#, Wang N, Wang XJ, Jia M, **Li YJ\***, **Cui CL\***. Wnt7a in mouse insular cortex contributes to anxiety-like behavior during protracted abstinence from morphine. *Neuroscience*. 2018; 394: 164–176. (IF 3.244)
27. Song JM#, Yang L#, Nan D, He QH, Wan Y, **Guo HL\***. Histidine Alleviates Impairments Induced by Chronic Cerebral Hypoperfusion in Mice. *Frontiers in Physiology*. 2018; 9: 662. doi: 10.3389/fphys.2018.00662. (IF 3.201)

28. Wang JK#, Fan YL, Dong Y, Ma MY, Dong YR, Niu YJ, Jiang Y, Wang H, Wang ZY, Wu LZ, Sun HQ, Cui CL\*. Combining gray matter volume in the cuneus and the cuneus-prefrontal connectivity may predict early relapse in abstinent alcoholdependent patients. *PLoS One*. 2018; 13(5): e0196860. (IF 2.776)
29. Chen L#, Li S#, Cai J, Wei TJ, Liu LY, Zhao HY, Liu BH, Jing HB, Jin ZR, Liu M, Wan Y, Xing GG\*. Activation of CRF/CRFR1 signaling in the basolateral nucleus of the amygdala contributes to chronic forced swim-induced depressive-like behaviors in rats. *Behavioural Brain Research*. 2018; 338: 134-142. (IF 2.770)
30. Kang XJ, Chi YN, Chen W, Liu FY, Cui S, Liao FF, Cai J, Wan Y\*. Increased expression of Cav3.2 T-type calcium channels in damaged DRG neurons contributes to neuropathic pain in rats with spared nerve injury. *Molecular Pain*. 2018; 14: 1-11. DOI: 10.1177/1744806918765808 (IF 2.746)
31. Jiang YY#, Zhang Y, Cui S, Liu FY, Yi M, Wan Y\*. Cholinergic neurons in medial septum maintain anxiety-like behaviors induced by chronic inflammatory pain. *Neuroscience Letters*. 2018; 671: 7-12. (IF 2.173)
32. Liu QY#, Chen W, Cui S, Liao FF, Yi M, Liu FY, You Wan\*. Upregulation of Cav3.2 T-type calcium channels in adjacent intact L4 dorsal root ganglion neurons in neuropathic pain rats with L5 spinal nerve ligation. *Neuroscience Research*. 2018. pii: S0168-0102(18)30049-X. doi: 10.1016/j.neures. 2018; 04.002. (IF 2.071)
33. Liu J#, Yang X#, Yu S, Zheng R\*. The Leptin Resistance. *Advances in Experimental Medicine Biology*. 2018;1090:145-163. (IF 1.76)
34. Liu J#, Yang X#, Yu S, Zheng R\*.The Leptin Signaling. *Advances in Experimental Medicine Biology*. 2018;1090:123-144. (IF 1.76)
35. Xiao K#, Sun Z#, Jin X, Ma W, Song Y, Lai S, Chen Q, Fan M, Zhang J, Yue W, Huang Z\*. ERG3 potassium channel-mediated suppression of neuronal intrinsic excitability and prevention of seizure generation in mice. *Journal of Physiology*. 2018; 596(19): 4729-4752. (IF 1.000 )
36. 张健维#, 王俊博, 王梦远, 刘佳瑞, 刘讷鸥, 郑瑞茂\*。胰岛素对代谢的中枢调控作用, 生理科学进展, 2018;6:401-410.
37. 王梦远#, 王俊博, 唐致恒, 刘佳瑞, 刘讷鸥, 郑瑞茂\*。AgRP/NPY 神经元代谢调控功能研究进展, 生理科学进展, 2018;50(1):67-75.

2019 年:

1. Wu SM#, Wu B#, Liu M\*, Chen ZM, Wang WZ, Anderson CS, Sandercock P, Wang YJ, Huang YN, Cui LY, Pu CQ, Jia JP, Zhang T, Liu XF, Zhang SM, Xie P, Fan DS, Ji XM, Wong KSL, Wang LD, on behalf of the China Stroke Study Collaboration. Stroke in China: advances and challenges in epidemiology, prevention, and management. *Lancet Neurology*. 2019; 18(4): 394-405. (IF 30.039)
2. Liu YQ#, Li MH#, Fan MH, Song Y, Yu HJ, Zhi XJ, Xiao K, Lai SR, Zhang JL, Jin XQ, Shang YF, Liang J\*, Huang Z\*. CDYL-mediated histone crotonylation regulates stress-induced depressive behaviors. *Biological Psychiatry*. 2019; 85(8): 635-649. (IF 12.095)

3. Yan H#, Helman G#, Murthy SE, Ji H, Crawford J, Kubisiak T, Bent SJ, Xiao J, Taft RJ, Coombs A, Wu Y, Pop A, Li D, de Vries LS, Jiang Y, Salomons GS, van der Knaap MS, Patapoutian A, Simons C, Burmeister M, Wang J, **Wolf NI\***. Heterozygous variants in the mechanosensitive ion channel TMEM63A result in transient hypomyelination during Infancy. *American Journal of Human Genetics*. 2019;105(5):996-1004. (IF 10.502)
4. Ma L#, Yue L#, Zhang Y, Wang Y, Han B, Cui S, Liu FY, **Wan Y\***, **Yi M\***. Spontaneous pain disrupts ventral hippocampal CA1-infralimbic cortex connectivity and modulates pain progression in rats with peripheral inflammation. *Cell Reports*. 2019; 29(6): 1579-1593. (IF 8.109)
5. Liang YJ#, Feng SY, Qi YP, Li K, Jin ZR, Jing HB, Liu LY, Cai J, **Xing GG\***, **Fu KY\***. Contribution of microglial reaction to increased nociceptive responses in high-fat-diet (HFD)-induced obesity in male mice. *Brain Behavior Immunity*. 2019; 80: 777-792. (IF 6.633)
6. Xiao GH#, Song YL, Zhang Y, Xing Y, Zhao HY, Xie JY, Xu SW, Gao F, Wang MX, Xing GG, **Cai XX\***. Microelectrode arrays modified with nanocomposites for monitoring dopamine and spike firings under deep brain stimulation in rat models of Parkinson's disease. *ACS Sensors*. 2019; 4(8): 1992-2000. (IF 7.333)
7. Liu J#, Du J#, **Wang Y\***. CDK5 inhibits the clathrin-dependent internalization of TRPV1 by phosphorylating the clathrin adaptor protein AP2 $\mu$ 2. *Science Signaling*. 2019; 12(585): eaaw2040. (IF 6.467)
8. Sun Y#, Chang SH#, Wang F, Sun HQ, Ni ZJ, Yue WH, Zhou H, Gelernter J, Malison RT, Kalayasiri R, Wu P#, **Lu L\***, **Shi J\***. Genome-wide association study of alcohol dependence in male Han Chinese and cross-ethnic polygenic risk score comparison. *Translational Psychiatry*. 2019; 9(1): 249. (IF 5.280)
9. Ma L#, Zhang Y, Yue L, Zhang X, Cui S, Liu F, **Wan Y\***, **Yi M\***. Anterior cingulate cortex modulates the affective-motivative dimension of hyperosmolality-induced thirst. *Journal of Physiology*. 2019; 597(18): 4851-4860. (IF 4.547)
10. Liu LY#, Zhang RL, Chen L, Zhao HY, Cai J, Wang JK, Guo DQ, **Cui YJ\***, **Xing GG\***. Chronic stress increases pain sensitivity via activation of the rACC-BLA pathway in rats. *Experimental Neurology*. 2019; 313: 109-123. (IF 4.691)
11. Liu Q#, Chen W#, Fan X, Wang J, Fu S, Cui S, Liao F, Cai J, Wang X, Huang Y, Su L, Zhong L, Yi M, **Liu F\***, **Wan Y\***. Upregulation of interleukin-6 on Cav3.2 T-type calcium channels in dorsal root ganglion neurons contributes to neuropathic pain in rats with spinal nerve ligation. *Experimental Neurology*. 2019; 317: 226-243. (IF 4.562)
12. Liu XY#, Wu CJ, He J, Zhang N, **Fan DS\***. Two rare variants of the ANXA11 gene identified in Chinese ALS patients. *Neurobiology Aging*. 2019; 74: 235.e9-235.e12. (IF 4.347)
13. Jia M#, Wang XW, Zhang HL, Ye C, Ma H, Yang MD, Li YJ, **Cui CL\***. MicroRNA-132 in the adult dentate gyrus is involved in opioid addiction via modifying the differentiation of neural stem cells. *Neuroscience Bulletin*. 2019; 35(3): 486-496. (IF 4.326)

14. Xu Y#, Tian NX, Bai QY, Chen Q, Sun XH, **Wang Y\***. Gait assessment of pain and analgesics: comparison of the DigiGait™ and CatWalk™ gait imaging systems. *Neuroscience Bulletin*. 2019; 35; 401-418. (IF 4.326)
15. Yu F#, Liu XL, Yang Q, **Fu Y\***, **Fan DS\***. In-hospital recurrence in a Chinese large cohort with acute ischemic stroke. *Scientific Reports*. 2019; 9(1): 14945. (IF 3.998)
16. Zhang HL#, Jia M, Wang XW, Ye C, Li YJ, Wang N, Elefant F, Ma H, **Cui CL\***. Dentate gyrus  $\mu$ -opioid receptor-mediated neurogenic processes are associated with alterations in morphine self-administration. *Scientific Reports*. 2019; 9(1): 1471. (IF 3.998)
17. Song TJ#, Lan XY, Wei MP, Zhai FJ, Tobias M. Böckers, Wang JN, Yuan S, Jin MY, Xie YF, Dang WW, Zhang C, Michael Schön, Song PW, Qiu MH, Song YY, Han SP, Han JS, **Zhang R\***. Altered Behaviors and Impaired Synaptic Function in a Novel Rat Model with a Complete Shank3 Deletion. *Frontiers in Cellular Neuroscience*. 2019; 13: 111. (IF 3.921)
18. Guo YP#, Zhi YR#, Liu TT, Wang Y, **Zhang Y\***. Global gene knockout of Kcnip3 enhances pain sensitivity and exacerbates negative emotions in rats. *Frontiers in Molecular Neuroscience*. 2019; 12: 5. (IF 3.921)
19. Chen Y#, Xia KL, Chen L, **Fan DS\***. Increased Interleukin-6 levels in the astrocyte-derived exosomes of sporadic ALS patients. *Frontiers in Neuroscience*. 2019; 13: 574. (IF 3.707)
20. Ma J#, Zhao ZF#, Cui S, Liu FY, Yi M, **Wan Y\***. A novel 3D-printed multi-drive system for synchronous electrophysiological recordings in multiple brain regions. *Frontiers in Neuroscience*. 2019; 13:1322. (IF 3.707)
21. Zhang Y#, **Zhang H\***, Nierhaus T, Pach D, Witt CM, **Yi M\***. Default mode network as a neural substrate of acupuncture: evidence, challenges and strategy. *Frontiers in Neuroscience*. 2019; 13: 100. (IF 3.707)
22. Wang Z#, Yue L, **Cui C\***, Liu S, Wang X, Li Y, Ma L. Top down control of the medial orbitofrontal cortex tonucleus accumbens core pathway indecisional impulsivity. *Brain Structure & Function*. 2019; 224(7): 2437-2452. (IF 3.298)
23. Zhang WH#, Cao KX#, Ding ZB, Yang JL, **Pan BX\***, **Xue YX\***. Role of prefrontal cortex in the extinction of drug memories. *Psychopharmacology*. 2019; 236(1): 463-477. (IF 3.130)
24. Ye S#, Rosenbohm A, Böhm S, Uttner I, Ji Y, Ludolph AC, **Lulé D\***, **Fan DS\***. Cognitive and behavioural impairments in German and Chinese ALS populations-a post-hoc comparison of national study data. *Amyotroph Lateral Scler Frontotemporal Degener*. 2019; 20(1-2): 28-36. (IF 3.286)
25. Wang C#, Zhang Y, Shao S, Cui S, **Wan Y\***, **Yi M\***. Ventral hippocampus modulates anxiety-like behavior in male but not female C57BL/6 J mice. *Neuroscience*. 2019; 418: 50-58. (IF 3.056)
26. Liu XX#, Zhang S, Huang X, Zhang YS, **Fan DS\***. Vestibular evoked myogenic potentials and their clinical utility in patients with ALS. *Clinical Neurophysiology*. 2019; 130: 647-654. (IF 3.214)

27. Sun XW#, Wang N, Wang XJ, Sun LL, Li YJ, **Cui CL\***. AMPA Receptor in Ventromedial Prefrontal Cortex Plays Different Roles in the Recent and Remote Retrieval of Morphine-Associated Memory. *Neurochemical Research*. 2019; 44(8):1939-1949. (IF 3.038)
28. Liu QY#, Chen W, Cui S, Liao FF, Yi M, **Liu FY\***, **Wan Y\***. Upregulation of Cav3.2 T-type calcium channels in adjacent intact L4 dorsal root ganglion neurons in neuropathic pain rats with L5 spinal nerve ligation. *Neuroscience Research*. 2019; 142: 30-37. (IF 2.645)
29. Shi K#, Shi Z#, Yan H, Wang X, Yang Y, Xiong H, Gu Q, Wu Y, **Jiang Y\***, **Wang J\***. A Chinese pedigree with Brown-Vialetto-Van Laere syndrome due to two novel mutations of SLC52A2 gene: clinical course and response to riboflavin. *BMC Medical Genetics*. 2019; 20(1): 76. (IF 1.585)
30. Yan H#, Shi Z, Wu Y, Xiao J, Gu Q, Yang Y, Li M, Gao K, Chen Y, Yang X, Ji H, Cao B, Duan R, **Jiang Y\***, **Wang J\***. Targeted next generation sequencing in 112 Chinese patients with intellectual disability/developmental delay: novel mutations and candidate gene. *BMC Medical Genetics*. 2019;20(1):80. (IF 1.585)
31. Liu XY#, Zhang YS, Sun AP, Chen L, Huang X, Zhong YF, Zheng DF, **Fan DS\***. A novel MYH7 mutation resulting in Laing distal myopathy in a Chinese family. *Chinese Medical Journal*. 2019; 132(7): 856-859. (IF 1.585)
32. Shi Z#, Yan HF, Cao BB, Guo MM, Xie H, Gao K, Xiao JX, Yang YL, Xiong H, Gu Q, Li M, Wu Y, Jiang YW, **Wang JM\***. Identification in Chinese patients with GLIALCAM mutations of megalencephalic leukoencephalopathy with subcortical cysts and brain pathological study on Glialcam knock-in mouse models. *World Journal of Pediatrics*. 2019; 15(5): 454-464. (IF 1.437)
33. Mao H#, Wang X#, Chen W, Liu F, Wan Y, Hu S, **Xing J\***. Use of in vivo single-fiber recording and intact dorsal root ganglion with attached sciatic nerve to examine the mechanism of conduction failure. *Journal of Visualized Experiments*. 2019; (150): e59234. (IF 1.163)
34. Yue L#, Zhang F, Lu X, **Wan Y\***, **Hu L\***. Simultaneous recordings of cortical local field potentials and electrocorticograms in response to nociceptive laser stimuli from freely moving rats. *Journal of Visualized Experiments*. 2019; (143): e58686. (IF 1.163)
35. Jiang Y#, Wang J#, Wu S#, Li N, Wang Y, Liu J, Xu X, He Z, Cheng Y, Zeng X, Wang B, Zhang C, Zhao M, Su Z, Guo B, Yang W, **Zheng R\***. Association between take-out food consumption and obesity among Chinese University Students: a cross-sectional study. *International Journal of Environment Research Public Health*. 2019; 16(6): 1071. (IF 2.849)
36. Liu Z, Ran Y, Tao C, Li S, Chen J, **Yang E\***. Detection of circular RNA expression and related quantitative trait loci in the human dorsolateral prefrontal cortex. *Genome Biology*. 2019;20(1):99.
37. Schoen M#, Asoglu H, Bauer HF, Müller HP, Abaei A, Sauer AK, **Zhang R**, Song TJ, Bockmann J, Kassubek J, Rasche V, Grabrucker AM, Boeckers TM(\*). Shank3 transgenic and prenatal zinc-deficient autism mouse models show convergent and individual alterations

of brain structures in MRI, *Frontiers Neural Circuits*. 2019; 13: 6. Published online 2019 Feb 22. doi: 10.3389/fncir.2019.00006 Q2. (IF=3.101)

2020 年:

1. Roth R#, Cudmore R, Tan H, Hong I, Zhang Y, and **Huganir R\***. Cortical synaptic AMPA receptor plasticity during motor learning. *Neuron*. 2020; 105:895-908. (IF 17.173)
2. Huang S#, Zheng C#, Xie G#, Song Z, Wang P, Bai Y, Chen D, Zhang Y, Lv P, Liang W, She S, Li Q, Liu Z, Wang Y, **Xing GG\***, **Wang Y\***. FAM19A5/TAFA5, a novel neurokine, plays a crucial role in depressive-like and spatial memory-related behaviors in mice. *Molecular Psychiatry*. 2020. doi: 10.1038/s41380-020-0720-x. (IF 15.992)
3. Sun H#, Fu S, Cui S, Yin X, Sun X, Qi X, Cui K, Wang J, Ma L, Liu F, Liao F, Wang X, **Yi M\***, **Wan Y\***. Development of a CRISPR-SaCas9 system for projection- and function-specific gene editing in the rat brain. *Science Advances*. 2020; 6(12): eaay6687. (IF 14.136)
4. Zheng X#, Duan R, Li L, Xing S, Ji H, Yan H, Gao K, Wang J, **Wang J\***, **Chen L\*** Live-cell superresolution pathology reveals different molecular mechanisms of pelizaeus-merzbacher disease. *Science Bulletin*. 2020; 65(24):2061-2064. (IF 11.780)
5. Zhang L#, Tang L, Huang T, **Fan D\***. Life course adiposity and amyotrophic lateral sclerosis: A Mendelian randomization study. *Annals of Neurology*. 2020; 87(3):434-441. (IF 10.422)
6. He J#, Liu X#, Tang L, Zhao C, He J, **Fan D\***. Whole-exome sequencing identified novel KIF5A mutations in Chinese patients with amyotrophic lateral sclerosis and Charcot-MarieTooth type 2. *Journal of Neurology Neurosurgery Psychiatry*. 2020; 91(3):326-328. (IF 10.154)
7. Dong C#, Liu Y#, Lyu T#, Beldar S, Lamb K, Tempel W, Li Y, Li Z, James L, **Qin S\***, **Wang Y\***, **Min J\***. Structural basis for the binding selectivity of human CDY chromodomains. *Cell Chemical Biology*. 2020; 27(7):827-838.e7. (IF 8.116)
8. Pei Y#, Wang Y#, Liu D#, Lei H, Yang Z, Zhang Z, Han M, Cheng K, Chen Y, Li J, Cheng G, Xu L, Wu Q, McClintock S, Yang Y, Zhang Y, **Zeng Y\***. Upregulation of interleukin-6 on Cav3. ICAM5 as a novel target for treating cognitive impairment in Fragile X Syndrome. *Journal of Neuroscience*. 2020; 40:1355-1365. (IF 6.167)
9. Yu Z#, Peng Q, Li S, Hao H, Deng J, Meng L, Shen Z, Yu W, Nan D, **Bai Y\***, **Huang Y\***. Myriocin and D-PDMP ameliorate atherosclerosis in ApoE(-/-) mice via reducing lipid uptake and vascular inflammation. *Clinical Science*. 2020; 134(5):439-458. (IF 6.124)
10. Liu X#, Duan X, Zhang Y, Sun A, **Fan D\***. Molecular analysis and clinical diversity of distal hereditary motor neuropathy. *European Journal of Neurology*. 2020; 27(7):1319-1326. (IF 6.089)
11. Yu Z#, Chen N, Hu D, Chen W, Yuan Y, Meng S, Zhang W, Lu L, **Han Y\***, **Shi J\***. Decreased density of perineuronal net in prelimbic cortex is linked to depressive-like behavior in young-aged rats. *Frontiers in Molecular Neuroscience*. 2020; 13:04. (IF 5.639)

12. Huo R#, Han S#, Liu F, Shou X, Liu L, Song T, Zhai F, Zhang R, **Xing G\***, **Han J\***. The response of primary afferent fibers to acupuncture-like peripheral stimulation at different frequencies: characterization by single-unit recording in rats. *Neuroscience Bulletin*. 2020; 36(8):907-918. (IF 5.203)
13. Sun H#, Zheng J, **Yi M\***, **Wan Y\***. Conditional genome editing in the mammalian brain using CRISPR-Cas9. *Neuroscience Bulletin*. 2021;37(3):423-426. (IF 5.203)
14. Yin X#, Yang J#, Cao S, **Wang Y\***. Failure of placebo analgesia model in rats with inflammatory pain. *Neuroscience Bulletin*. 2020; 36(2):121-133. (IF 5.203)
15. Liu H#, Su D, Liu L, Chen L, Zhao Y, Chan SO, **Zhang W\***, **Wang Y\***, **Wang J\***. Identification of a new functional domain of Nogo-A that promotes inflammatory pain and inhibits neurite growth through binding to NgR1. *The FASEB Journal*. 2020; 34(8): 10948-10965. (IF 5.191)
16. He J#, Fu J, **Fan D\***. The complement C7 variant rs3792646 is associated with amyotrophic lateral sclerosis in a Han Chinese population. *Neurobiology of Aging*. 2020; S0197-4580(20)30322-5. (IF 4.673)
17. Liu X#, He J#, Chen L, Zhang N, Tang L, Liu X, Ma Y, **Fan D\***. TBK1 variants in Chinese patients with amyotrophic lateral sclerosis. *Neurobiology of Aging*. 2021; 97:149.e9-149.e15. (IF 4.673)
18. Zhang L#, Tang L, Xia K, **Huang T\***, **Fan D\***. Education, intelligence, and amyotrophic lateral sclerosis: A Mendelian randomization study. *Annals of Clinical and Translational Neurology*. 2020; 7(9):1642-1647. (IF 4.511)
19. Chen L#, Chen Y, Zhao M, Zheng L, **Fan D\***. Changes in the concentrations of trimethylamine N-oxide (TMAO) and its precursors in patients with amyotrophic lateral sclerosis. *Scientific Reports*. 2020; 10(1):1-8. (IF 4.379)
20. Wan Y#, Yang J#, Ren X, Yu Z, **Zhang R\***, **Li X\***. Evaluation of eye movements and visual performance in patients with cataract. *Scientific Reports*. 2020; 10(1):9875. (IF 4.379)
21. Zhang L#, Chen L, **Fan D\***. The protective role of pre-morbid type 2 diabetes in patients with amyotrophic lateral sclerosis: a center-based survey in China. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*. 2020;21(3-4):209-215. (IF 4.092)
22. Liu X#,Duan X,Zhang Y,Sun A,**Fan D\***. Clinical and Genetic Diversity of PMP22 Mutations in a Large Cohort of Chinese Patients With Charcot-Marie-Tooth Disease. *Frontiers in Neurology*. 2020; 11:630. (IF 4.003)
23. Liu X#,Duan X,Zhang Y,Sun A,**Fan D\***. Cross-Sectional Study in a Large Cohort of Chinese Patients With GJB1 Gene Mutations. *Frontiers in Neurology*. 2020; 11:690. (IF 4.003)
24. Zhao C#, Li A#, Liu L, Wang J, **Fan D\***. Acute myelitis, recurrent optic neuritis, and seizures over 17 Years. *Frontiers in Neurology*. 2020; 11:1351. (IF 4.003)
25. Ma X#, He J#, Liu X, **Fan D\***. Screening for REEP1 mutations in 31 Chinese hereditary spastic paraplegia families. *Gene*. 2020; 11:499. (IF 3.688)

26. Wang X#, Ding R, Song Y, Wang J, Zhang C, Han S, **Han J\***, **Zhang R\***. Transcutaneous electrical acupoint stimulation in early life changes synaptic plasticity and improves symptoms in a valproic acid-induced rat model of autism. *Neural Plasticity*. 2020; 2020:8832694. (IF 3.599)
27. Wang X#, Ren S#, Yu W, Mu Q, Ye S, **Cui C\***, **Guo J\***. Cognitive impairments in adult mice with RIP140 overexpression in neural stem cells. *Behavioural Brain Research*. 2020; 393:112777. (IF 3.332)
28. Yang M#, Ma H, Jia M, Li Y, Miao D, **Cui C\***, **Wu L\***. The role of the nucleus accumbens OXR1 in cocaine-induced locomotor sensitization. *Behavioural Brain Research*. 2020; 379:112365. (IF 3.332)
29. Sun Y#, Li Y, Bao Y, Meng S, Sun Y, Schumann G, Kosten T, Strang J, **Lu L\***, **Shi J\***. Brief Report: Increased addictive internet and substance use behavior during the COVID-19 pandemic in China. *The American journal on addictions*. 2020; 29(4):268–270. (IF 3.076)
30. Tian L#, Feng X#, Zhang R#, Wang S, Li R, Kong R, Fan Y, Zhang X, Zhou L, Yang S, Yao Y, Bu Y, Lan Y, Han S, Han J, **Sun W\***. Pain relief during oocyte retrieval by transcutaneous electrical acupoint stimulation: a single-blinded, randomized, controlled multicenter trial. *Evidence-Based Complementary and Alternative Medicine*. 2020; 2020: 3285648. (IF 2.629)
31. Huang X#, Liu X, Chen L, Sun A, Zhang Y, Zheng D, Zhong Y, **Fan D\***. A case of de novo dynamin 2-related centronuclear myopathy with electrical but not clinical myotonia. *Chinese Medical Journal*. 2020; 133(24):3023-3024. (IF 2.628)
32. Li Y#, Chen L, Zhang N, **Fan D\***. Clinical characteristics of patients with motor neuron disease and concurrent tumors. *Chinese Medical Journal*. 2020; 2021. (IF 2.628)
33. 蔡小娥, 寿小婧, 王筱曦, 吕玲, 张嵘\*. 孤独症谱系障碍学龄前男童局限性兴趣的眼动追踪研究, 中华行为医学与脑科学杂志 2020; 29(9):840-846. (IF 1.269)
34. 谢宇非, 张嵘, 肠道菌群与孤独症发病关系的研究进展, 生理科学进展 2020; 51(1):15-20 (IF 0.777)
35. 张瑛#, 孔金阁#, 王韵\*#, 神经生物学情境化命题技巧及其效果评价, 中华医学教育杂志 2020; 40(10):832-836 (IF 0.635)