神经疗法·社会认知与情感神经科学（neuSCAN）实验室

2018年度主要论文发表情况

1. Zhao Z, Yao S, Li K, Sindermann C, Zhou F, Zhao W, Li J, Luehrs M, Goebel R, Kendrick K, Becker BCA (2018) Real-time functional connectivity-based neurofeedback of amygdala-frontal pathways reduces anxiety. ***Psychotherapy and Psychosomatics*** (IF=13.1) (in press, DOI: 10.1159/000496057)
2. Qin Li, Benjamin Becker, Jennifer Wernicke, Yuanshu Chen, Yingying Zhang, Rui Li, Jiao Le, Juan Kou, Weihua Zhao#, Keith M Kendrick#. (2018) Foot massage evokes oxytocin release and activation of orbitofrontal cortex and superior temporal sulcus. ***Psychoneuroendocrinology*** (in press) doi: 10.1016/j.psyneuen.2018.11.016 (IF=4.73)
3. Weihua Zhao\*, Benjamin Becker\*, Shuxia Yao, Xiaole Ma, Juan Kou, Keith M Kendrick. (2018) Oxytocin enhancement of the placebo effect may be a novel therapy for working memory impairments. ***Psychotherapy and Psychosomatics*** (in press) (IF=13.122)
4. Jialin Li, Lei Xu, Xiaoxiao Zheng, Meina Fu, Feng Zhou, Xiaolei Xu, Xiaole Ma, Keshuang Li, Keith M. Kendrick#, Benjamin Becker#. (2018) Common and dissociable contributions of alexithymia and autism to domain-specific interoceptive dysregulations - a dimensional neuroimaging approach ***Psychotherapy and Psychosomatics*** (in press) (IF=13.122)
5. Fei Xin, Feng Zhou, Xinqi Zhou, Xiaole Ma, Yayuan Geng, Weihua Zhao, Shuxia Yao, Debo Dong, Bharat B. Biswal, Keith M. Kendrick, Benjamin Becker. (2018) Oxytocin modulates the intrinsic dynamics between attention-related large-scale networks. ***Cerebral Cortex*** (in press). (IF=6.308)
6. Feng Zhou, Kaeli Zimmermann, Fei Xin, Dirk Scheele, Wolfgang Dau, Markus Banger, Bernd Meber, Rene Hurlemann, Keith M. Kendrick, Benjamin Becker. (2018) Shifted balance of dorsal versus ventral striatal communication with frontal reward and regulatory regions in cannabis-dependent males. ***Human Brain Mapping***, https://doi.org. /10.1002/hbm.24345 (IF=4.927)
7. Scheele D, Lieberz J, Patin A, Engels C, Schneider L, Stoffel-Wagner B, Becker B, Hurlemann, R (2018) Trauma disclosure moderates the effects of oxytocin on intrusions and neural responses to fear. ***Psychotherapy and Psychosomatics*** (IF=13.1) (accepted on 6th December 2018).
8. Zhiying Zhao, Xiaole Ma, Yayuan Geng, Weihua Zhao, Feng Zhou, Jiaojian Wang, Sebastian Markett, Bharat B. Biswal, Yina Ma, Keith M. Kendrick, Benjamin Becker. (2018) Oxytocin differentially modulates specific dorsal and ventral striatal functional connections with frontal and cerebellar regions. ***NeuroImage***, doi: 10.1016/j.neuroimage.2018.09.067（IF=5.426）
9. Xiaole Ma, Weihua Zhao, Ruixue Luo, Feng Zhou, Yayuan Geng, Lei Xu, Zhao Gao, Xiaoxiao Zheng, Benjamin Becker#, Keith M. Kendrick#. (2018). Sex- and content- dependent effects of oxytocin on social sharing. ***NeuroImage***, 2018, 183: 62-72. Doi:org/10.1016/j.neuroimgae. 2018.08.004 (IF=5.426)
10. Yao S\*, Becker B\*, Zhao W, Zhao Z, Kou J, Ma X, Geng Y, Ren P, Kendrick KM (2018) Oxytocin modulates attention switching between interoceptive signals and external social cues. ***Neuropsychopharmacology*** doi: 10.1038/npp.2017.189 (IF=8.68).
11. Zhou F, Montag C, Sariyaska R, Lachmann B, Reuter M, Weber B, Trautner P, Kendrick KM, Markett S, Becker B. (2018)  Orbitofrontal grey matter deficts as marker or Internet Gaming Disorder: converging evidenve from a cross-sectional and  prospective longitudinal design. ***Addiction Biology*** doi: 10.1111/adb.12570 (IF = 4.6)
12. X Jiang\*#, L Zhao, H Liu, L Guo, KM Kendrick, T Liu. (2018) A Cortical Folding Pattern-Guided Model of Intrinsic Functional Brain Networks in Emotion Processing. ***Frontiers in Neuroscience*** 12, 575. (IF=3.877)
13. X Jiang, X Li, J Lv, S Zhao, S Zhang, W Zhang, T Zhang, J Han, L Guo, T Liu. (2018) Temporal dynamics assessment of spatial overlap pattern of functional brain networks reveals novel functional architecture of cerebral cortex. ***IEEE Transactions on Biomedical Engineering*** 65 (6), 1183-1192. (IF=4.288)
14. S Zhang\*, X Jiang\*, W Zhang\*, T Zhang, H Chen, Y Zhao, J Lv, L Guo, BR Howell, MM Sanchez, X Hu, T Liu. (2018) Joint representation of connectome-scale structural and functional profiles for identification of consistent cortical landmarks in macaque brain. ***Brain Imaging Behavior***, in press. (IF=3.719)
15. Geng, Y., Zhao, W., Zhou, F., Ma, X., Yao, S., Becker, B., Kendrick, K.M. (2018). [Oxytocin facilitates empathic-and self- embarrassment ratings by attenuating amygdala and anterior insula responses](https://www.biorxiv.org/content/early/2018/06/11/343616.abstract). ***Frontiers in Endocrinology***, http://doi.org/10.3380/dendo.2018.00572 (IF=3.519)
16. Shuxia Yao, Song Qi, Keith M. Kendrick\* & Dean Mobbs\*. (2018). Attentional set to safety recruits the ventral medial prefrontal cortex. ***Scientific Reports***(8), 15395 (IF=4.122)
17. Shan Gao, Yayuan Geng, Jia Li, Yun xiao Zhou, and Shuxia Yao\*. (2018) Encoding Praise and Criticism During Social Evaluation Alters Interactive Responses in the Mentalizing and Affective Learning Networks. ***Frontiers in Neuroscience***. 2018; 12: 611. (IF=3.877)
18. Yao, S., Zhao, W., Geng, Y., Chen, Y., Zhao, Z., Ma, X., Xu, L., Becker, B., Kendrick, K.M. (2018). Oxytocin facilitates approach  behavior to positive social stimuli via decreasing anterior insula activity. ***The International Journal of Neuropsychopharmacology***,  21(10),918-925(IF=3.981)
19. Geng, Y., Zhao, W., Zhou, F., Ma, X., Yao, S., Hurlemann, R., Becker, B., Kendrick, K.M. (2018). Oxytocin enhancement of  emotional empathy: generalization across cultures and effects on amygdala activity. ***Frontiers in Neuroscience*** 12:512. doi: 10.3389/fnins.2018.00512 (IF=3.877)
20. Montag, C.\*, Zhao, Z.\*, Sindermann, C., Xu, L, Fu, M., Li, J., Zheng, X., Li, K., Kendrick, K.M., Dai, J., Becker, B. (2018). [Internet Communication Disorder and the structure of the human brain: initial insights on WeChat addiction.](https://www.nature.com/articles/s41598-018-19904-y) ***Scientific Reports*** 8(1), 2155. (IF=4.122)
21. Luo L\*, Becker B\*, Zheng X, Zhao Z, Xu X, Zhou F, Wang J, Kou J, Kendrick KM (2018) A dimensional approach to determine  common and specific neurofunctional markers for depression and social anxiety during emotional face processing. ***Human Brain Mapping*** doi: 10.1002/hbm.23880 (IF=4.927)
22. Montag, C.\*, Zhao, Z.\*, Sindermann, C., Xu, L, Fu, M., Li, J., Zheng, X., Li, K., Kendrick, K.M., Dai, J., Becker, B. (2018). WeChat  addiction and gray matter volume of the anterior cingulate cortex: new insights from the neurosciences on Internet CommunicationDisorder. ***Journal of Behavioral Addictions*** 7, 119. (IF=3.628)
23. Sindermann, C., Luo, R., Zhao, Z., Li, Q., Li, M., Kendrick, KM., Panksepp, J., Montag, C. (2018). [High ANGER and low  agreeableness predict vengefulness in German and Chinese participants.](https://scholar.google.com/scholar?oi=bibs&cluster=3556551568949744873&btnI=1&hl=en) ***Personality and Individual Differences,***121:184-192.
24. Weihua Zhao, Xiaole Ma, Jiao Le, Aiqing Ling, Fei Xin, YIngying Zhang, Ruixue Luo, Benjamin Becker, Keith Kendrick. (2018) Oxytocin biases men to be more or less tolerant of others’ dislike dependent upon their relationship status. ***Psychoneuroendocrinology***. doi: 10.1016./j.psyneuen.2017.12.101 (IF=4.731)
25. Jennifer Wernicke\*#, Mei Li, Peng Sha, Min Zhou, Cornelia Sindermann, Benjamin Becker, Keith M. Kendrick, Christian Montag. (2018) ***ADHD Attention Deficit and Hyperactivity Disorders***, doi: http://doi.org/10.1007/s12402-018-0266-9
26. Pan Feng \*, Benjamin Becker \*, Yong Zheng, Tingyong Feng (2018) Sleep deprivation affects fear memory consolidation: Bi-stable amygdala connectivity with insula and ventromedial prefrontal cortex. [***Social Cognitive and Affective Neurosc***](https://www.ncbi.nlm.nih.gov/pubmed/29140534)***ience*** (SCAN) 13:145-155 (IF=3.5)
27. Li M\*, Becker B\*, Zheng J, Chen H, Liao W, Duan X, Liu H, Zhao J, Chen H (2018) Dysregulated maturation of the functional connectome in antipsychotic-naïve, first episode patients with adolescent-onset schizophrenia. ***Schizophrenia Bulletin***, doi: 10.1093/schbul/sby063. （IF=6.9）
28. Feng P, Becker B, Feng T, Zheng F (2018) Altered spontanous activity in amygdala and vmPFC during fear consolidation following 24h sleep deprivation. ***Neuroimage***, doi: 10.1016/j.neuroimage.2018.01.057) (IF=5.4)
29. Feng C, Becker B, Hunag W, Wu X, Eickhoff S, Chen T (2018) Neural substrates of the emotion-word and emotional counting Stroop task in healthy and clinical populations: a meta-analysis of functional brain imaging studies. ***Neuroimage***, 173:258-274 (IF=5.4)
30. Zimmermann J, Deris N, Montag C, Reuter M, Felten A, Becker B, Weber B, Markett S (2018) A common polymorphism on the oxytocin receptor gene (rs2268498) and resting-state functional connectivity of amygdala subregions – a genetic imaging study. ***Neuroimage***, doi: doi: 10.1016/j.neuroimage.2018.06.014. (IF=5.4)
31. Chen T, Becker B, Camilleri J, Wang L, Yu S, Eickhoff S, Feng C (2018) A domain-general brain network underlying emotional and cognitive interference processing: evidence from coordinate-based and functional connectivity meta-analyses. ***Brain Structure and Function***, 223(8):3813-3840 (IF=4.2)
32. Zhang S, Becker B, Chen Q, Feng T (2018) Insufficient Task-outcome association promotes task procastination through a decrease of hippocampal-striatal interaction. ***Human Brain Mapping***, http://doi.org/10.1002/hbm.24397. (IF=4.927)
33. Steffens M, Neumann C, Kasparbauer AM, Becker B, Weber B, Mehta MA, Hurlemann R, Ettinger U (2018) Effects of ketamine on brain function during response inhibition. ***Psychopharmacology*** http://doi.org/10.1007/s00213-018-5081-7. (IF=3.2)
34. Montag C, Becker B, Gan C (2018) The multi-purpose application WeChat: a review on recent research. [***Frontiers in Psychol***](https://www.ncbi.nlm.nih.gov/pubmed/?term=Neural+systems+and+hormones+mediating+attraction+to+infant+and+child+faces)***ogy*** (IF=2.1)
35. Jun Gu, Yuanpeng Chen, Long Jiang, Zhao Gao, Xiaole Ma, Young Ma, Wai Lok Woo, Jikun Jin, Bin Gao. (2018). Wearable social and sensing: content-based processing methodology and implementation. ***IEEE Sensors Journal***, 17(21).
36. Q Zhao, WXY Li, X Jiang, J Lv, J Lu, T Liu. (2018) Functional brain networks reconstruction using group sparsity-regularized learning. ***Brain imaging and behavior*** 12 (3), 758-770. (IF=3.719)
37. S Zhao, J Han, X Jiang, H Huang, H Liu, J Lv, L Guo, T Liu. (2018) Decoding Auditory Saliency from Brain Activity Patterns during Free Listening to Naturalistic Audio Excerpts. ***Neuroinformatics***, 1-16. (IF=3.852)
38. S Zhang, Y Zhao, X Jiang, D Shen, T Liu. (2018) Joint representation of consistent structural and functional profiles for identification of common cortical landmarks. ***Brain imaging and behavior*** 12 (3), 728-742. (IF=3.719)
39. B Ge, X Li, X Jiang, Y Sun, T Liu. (2018) A Dictionary Learning Approach for Signal Sampling in Task-based fMRI for Reduction of Big Data. ***Frontiers in Neuroinformatics*** 12, 17. (IF=3.074)
40. S Zhang, H Liu, H Huang, Y Zhao, X Jiang, B Bowers, L Guo, X Hu, M Sanchez, T Liu. (2018) Deep Learning Models Unveiled Functional Difference between Cortical Gyri and Sulci. ***IEEE Transactions on Biomedical Engineering***, in press. (IF=4.288)
41. W Zhang, J Lv, X Li, D Zhu, X Jiang, S Zhang, Y Zhao, L Guo, J Ye, D Hu, T Liu. (2018) Experimental Comparisons of Sparse Dictionary Learning and Independent Component Analysis for Brain Network Inference from fMRI Data. ***IEEE Transactions on Biomedical Engineering***, in press. (IF=4.288)
42. Y Zhao, Q Dong, S Zhang, W Zhang, H Chen, X Jiang, L Guo, X Hu, J Han, T Liu. (2018) Automatic Recognition of fMRI-Derived Functional Networks Using 3-D Convolutional Neural Networks. ***IEEE Transactions on Biomedical Engineering*** 65 (9), 1975-1984,11. (IF=4.288)
43. Hui Sun\*, Lizhu Luo\*, Xinru Yuan, Lu Zhang, Yini He, Shuqiao Yao, Jiaojian Wang#, Jing Xiao#. (2018) Regional homogeneity and functional connectivity patterns in major depressive disorder, cognitive vulnerability to depression and healthy subjects, ***Journal of Affective Disorders***, 2018, 235: 229~235 (IF=3.786)
44. Lizhu Luo(#), Kunhua Wu(#), Yi Lu(#), Shan Gao, Xiangchao Kong, Fengmei Lu, Fengchun Wu, Huawang Wu(\*), Jiaojian Wang(\*). Increased functional connectivity between medulla and inferior parietal cortex in medication-free major depressive disorder. ***Frontiers in Neuroscience***, 2018, under publication (IF=3.877)
45. Xiaolong Liu, Chang-Seok Kim, and Keum-Shik Hong\*, (2018) An fNIRS-based investigation of visual merchandising displays for fashion stores. ***Plos One*** (in press) (IF=2.766 )