

ESI 中心理学及相关领域热点论文 信息推送

2013 年 10 月 第 5 期 (总第 13 期)

中国科学院心理研究所图书馆主办

本期编者: 卫垆圻、陈晶

出版日期: 2013/11/27

北京市朝阳区林萃路 16 号院

邮编: 100101

电话: 010-64855884

邮箱: library@psych.ac.cn

ESI中心心理学及相关领域热点分析

——基于 2013 年 9 月更新数据

ESI 热点论文指近两个月内被引次数高居前千分之一的近两年内发表的 SCI/SSCI 文章。排在前 0.1% 多篇引用次数相同的论文都会被包含在热点论文中。本期入榜文章是针对 2011 年 4 月至 2013 年 4 月发表的文章在 2013 年 5 月和 6 月两个月内的被引情况计算得出的。数据更新时间为 2013 年 9 月 1 日。

本期 ESI (Essential Science Indicators) 发布精神病学/心理学领域的热点文章 60 篇, 其中首次入榜文章 37 篇, 入榜文章单篇最高被引 132 次, 是宾夕法尼亚大学 Simmons 等人于 2011 年发表在 *Psychological science* 上的论文

“False-positive psychology: Undisclosed flexibility in data collection and analysis allows presenting anything as significant ”; 最低被引 4 次, 是由纽约州立大学 Boysen 和 VanBergen 两人 2013 年发表在 *The Journal of Nervous and Mental Disease* 上的题为 “A review of published research on adult dissociative identity disorder 2000-2010 ” 的论文。

神经科学与行为领域的热点文章 95 篇, 首次入榜文章 64 篇, 其中单篇最高被引 171 次, 是由 Johns Hopkins University 的 Ming & Song 所撰写的论文 “Adult neurogenesis in the mammalian brain: significant answers and significant questions”, 该文发表在 *Neuron* 上。最低 2 次是发表在 *Frontiers in Computational Neuroscience* 杂志上, 题名为 “Quantitative evaluation of muscle synergy models: a single-trial task decoding approach” 的论文, 来自意大利的四位研究者。

相对于往期为新入选的文章标为红色。详细说明可见附表。

1、精神病/心理学领域的新增热点论文

本期新入选论文中, 被引最高的是 Antidepressant use during pregnancy and childhood autism spectrum disorders, 该文报道了在孕早期服用抗抑郁药将增加胎儿患自闭症的风险, 被引 38 次。另外一篇被引较高的新增论文关注各种进食障碍的死亡率, 认为进食障碍显著地增加了患者的死亡率, 被引 35 次。

有6篇新入选的研究关注了新发布的DSM-5在诊断中的信效度和临床效果。新发布的诊断标准必然会引发精神病学领域一系列讨论,这成为近期该领域的热点话题之一。

心理疾病污名是另一个新增的热点领域,包含有6篇论文。这6篇论文有对英国消除心理疾病污名的Time to change计划的评估,有心理污名量表的编制,也有关于心理疾病污名的研究综述。

新增热点论文中,与心理与行为研究密切相关的研究还有:

表1-19 Mechanisms of social cognition: 详细回顾了有关社会认知机制的最新进展;

表1-29 The cortical language circuit: From auditory perception to sentence comprehension: 在语言理解的脑研究基础之上,提出了一个新的综合的回路模型。

两篇元分析分别关注了空间技能的塑造和工作记忆的训练问题。

最后,值得一提的是一篇发表在Psychological Science的论文,对心理学研究的舞弊行为开展调查,研究结果表明存在瑕疵的心理学研究工作是非常普遍的现象。

2、神经科学与行为领域新增热点论文

本领域新增论文中,被引最高的3篇论文分别为:

表2-23 Functional network organization of the human brain: 关于脑功能网络的组织,被引42次;

表2-28 Temporally-independent functional modes of spontaneous brain activity: 利用功能网络的时间独立性来区分两个独特的网络,被引33次;

表2-29 The syndrome of cognitive impairment in amyotrophic lateral sclerosis: A population-based study: 临床研究发现肌萎缩性脊髓侧索硬化症(ALS)的认知损伤并不大,被引31次。

与心理学比较相关的研究主要有:

表2-30 Psychoneuroimmunology meets neuropsychopharmacology: Translational implications of the impact of inflammation on behavior:

比较系统地综述了细胞因子对行为的影响机制, 造成抑郁的基础及其临床意义;

表2-38 Emerging roles of non-coding RNAs in brain evolution, development, plasticity and disease: 关注点在于ncRNA在脑进化、发育、可塑性和疾病中的角色;

表2-40 Input-specific control of reward and aversion in the ventral tegmental area: 表示可以确定一个能产生奖励和厌恶的独特神经环路;

表2-46 The neural basis of empathy: 一篇综述, 讨论了共情的神经基础;

表2-61 On-demand optogenetic control of spontaneous seizures in temporal lobe epilepsy: 使用新的技术——光遗传学技术成功控制了癫痫的自发性发作(光遗传学技术是值得注意的新技术)。

与老化有关的研究有两项: Resting-state functional connectivity in normal brain aging (表2-80) 和 Does combined cognitive training and physical activity training enhance cognitive abilities more than either alone? a four-condition randomized controlled trial among healthy older adults (表2-86)。后者发现, 对老年人的认知训练在促进认知表现上的确是有效的。

Slow oscillations orchestrating fast oscillations and memory consolidation (表2-44) 和 Auditory closed-loop stimulation of the sleep slow oscillation enhances memory (表2-74) 都是关于慢波睡眠与记忆巩固的, 有相关研究兴趣的研究人员可以关注。

表 1: ESI 2013 年 9 月更新的精神病学/心理学领域热点论文

注: 红色为首次入榜文章; 黑色是曾经在往期出现过的热点文章。

序号	文章主题	题目	出处及原文或摘要链接	单篇被引
1.	由数据收集与分析导致的假阳性 (False-positive)现象	False-positive psychology: Undisclosed flexibility in data collection and analysis allows presenting anything as significant	PSYCHOL SCI 22 (11): 1359-1366 NOV 2011 http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1850704	132
2.	自闭症谱系障碍的易感性	Genetic heritability and shared environmental factors among twin pairs with autism	ARCH GEN PSYCHIAT 68 (11): 1095-1102 NOV 2011 http://archpsyc.jamanetwork.com/data/Journals/PSYCH/22580/yoa15046_1095_1102.pdf	111
3.	韩国开展一项研究筛查 ASD 流行情况, 覆盖 55266 名 7-12 岁学龄儿童, 结果显示韩国儿童自闭症患病率 (Prevalence) 为 2.64%, 其中三分之二出现在主流学校学生中	Prevalence of autism spectrum disorders in a total population sample	AMER J PSYCHIAT 168 (9): 904-912 SEP 2011 http://ajp.psychiatryonline.org/data/Journals/AJP/4237/appi.ajp.2011.10101532.pdf	84
4.	综述: 经过文献调研, 研究人员发现催产素对社会认知和亲社会行为 (Prosocial behavior) 的影响并不稳定, 进而提出其所起作用可能受限于环境和/或个体特征。	Social effects of oxytocin in humans: Context and person matter	TRENDS COGN SCI 15 (7): 301-309 JUL 2011 http://www.cell.com/trends/cognitive-sciences/abstract/S1364-6613(11)00083-0	82
5.	综述: 有助于改善 4-12 岁儿童执行功能的措施。	Interventions shown to aid executive function development in children 4 to 12 years old	SCIENCE 333 (6045): 959-964 AUG 19 2011 http://www.sciencemag.org/content/333/6045/959.full.pdf	77
6.	基因与环境交互作用研究领域中, 以常	A critical review of the first 10 years of candidate	AMER J PSYCHIAT 168 (10): 1041-1049 OCT	59

	用的备选基因 G×E (CandidateG×E, cG×E) 方法所做的研究存在发表偏向 (Publication bias), 所有的 cG×E 正向结果都在犯统计 I 类错误	gene-by-environment interaction research in psychiatry	2011 http://ajp.psychiatryonline.org/article.aspx?articleid=178272	
7.	重症抑郁患者同时伴有潜在但并未确诊的双向障碍症状的发病率与发病特征	Prevalence and characteristics of undiagnosed bipolar disorders in patients with a major depressive episode the bridge study	ARCH GEN PSYCHIAT 68 (8): 791-799 AUG 2011 http://archpsyc.jamanetwork.com/article.aspx?articleid=1107421	57
8.	从自上而下与自下而上两条通路交互的角度讨论腹侧枕颞区(Ventral occipitotemporal cortex)在阅读中的作用	The interactive account of ventral occipitotemporal contributions to reading	TRENDS COGN SCI 15 (6): 246-253 JUN 2011 http://download.cell.com/trends/cognitive-sciences/pdf/PIIS136466131100057X.pdf?intermediate=true	45
9.	失眠 (Insomnia) 可预测抑郁: 基于纵向流行病学调查的综述与元分析	Insomnia as a predictor of depression: A meta-analytic evaluation of longitudinal epidemiological studies	J AFFECT DISORDERS 135 (1-3): 10-19 DEC 2011 http://www.sciencedirect.com/science/article/pii/S0165032711000292	42
10.	综述:近十年来恐惧条件化消退的神经环路研究,同时指出它可作为转化神经科学 (Translational neuroscience,也可译作转译神经科学)的研究模型	Fear extinction as a model for translational neuroscience: Ten years of progress	ANNU REV PSYCHOL 63: 129-151 2012 http://www.annualreviews.org/doi/pdf/10.1146/annurev.psych.121208.131631	41
11.	孕早期服用抗抑郁药物在一定程度上确实增加了儿童患自闭症的风险	Antidepressant use during pregnancy and childhood autism spectrum disorders	ARCH GEN PSYCHIAT 68 (11): 1104-1112 NOV 2011 http://archpsyc.jamanetwork.com/data/Journals/PSYCH/22580/yoa15049_1104_1112.pdf	38

12.	进食障碍显著地增加了患者的死亡率	Mortality rates in patients with anorexia nervosa and other eating disorders. A meta-analysis of 36 studies	ARCH GEN PSYCHIAT 68 (7): 724-731 JUL 2011 http://archpsyc.jamanetwork.com/data/Journals/PSYCH/22574/yma15002_724_731.pdf	35
13.	行为转变技术(Behaviour change techniques)	A refined taxonomy of behaviour change techniques to help people change their physical activity and healthy eating behaviours: The CALO-RE taxonomy	PSYCHOL HEALTH 26 (11): 1479-1498 2011 http://www.ncbi.nlm.nih.gov/pubmed/21678185	34
14.	早期心理应激与老龄化	Psychological stress in childhood and susceptibility to the chronic diseases of aging: Moving toward a model of behavioral and biological mechanisms	PSYCHOL BULL 137 (6): 959-997 NOV 2011 http://www.ncbi.nlm.nih.gov/pmc/articles/pmid/21787044/	34
15.	自闭症谱系障碍的临床诊断:多场域 (Multi-sited)研究	A multisite study of the clinical diagnosis of different autism spectrum disorders	ARCH GEN PSYCHIAT 69 (3): 306-313 MAR 2012 http://archpsyc.jamanetwork.com/data/Journals/PSYCH/22586/yoa110031_306_313.pdf	32
16.	DSM-5 中自闭症谱系障碍诊断标准的敏感性与特异性	Sensitivity and specificity of proposed DSM-5 diagnostic criteria for autism spectrum disorder	J AMER ACAD CHILD ADOLESC PSY 51 (4): 368-383 APR 2012 http://api.ning.com/files/LmSiUizvkBnxNt5yfaZCrd*ahx3cUb*m1ntV8IGIUbnPhDiGqnomAci-AFHB-L4e1UJ41FY-Y6l-iTT7z5xdJhve3Q8GI5Ju/Yalestudy.pdf	31
17.	综述: 大规模脑网络科学提供了调查认知和情感功能失调的一种新的有力范式。回顾了相关领域的概念和方法进	Large-scale brain networks and psychopathology: A unifying triple network model	TRENDS COGN SCI 15 (10): 483-506 OCT 2011 http://www.sciencedirect.com/science/arti	31

	展, 提出了一个三重网络模型。		cle/pii/S1364661311001719#	
18.	验证了 DSM-5 中自闭症诊断标准的信度, 新诊断标准可以减少假阳性诊断	Validation of proposed DSM-5 criteria for autism spectrum disorder	J AMER ACAD CHILD ADOLESC PSY 51 (1): 28-40 JAN 2012 http://www.sciencedirect.com/science/article/pii/S0890856711008902	28
19.	综述: 社会认知的机制	Mechanisms of social cognition	ANNU REV PSYCHOL 63: 287-313 2012 http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-120710-100449	27
20.	抑郁是一种炎症性疾病吗?	Is depression an inflammatory disorder?	CURR PSYCHIATRY REP 13 (6): 467-475 DEC 2011 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3285451/	27
21.	自闭症婴儿的大脑白质纤维束发育	Differences in white matter fiber tract development present from 6 to 24 months in infants with autism	AMER J PSYCHIAT 169 (6): 589-600 JUN 2012 http://search.proquest.com/docview/1020530301/13DE7687D7B662E57C79?accountid=27614	25
22.	基于认知神经内表型 (Neurocognitive endophenotypes) 方法, 对精神疾病的生物学证据进行综述, 同时指出该方法对未来精神病分类学、遗传学及治疗的重要意义	Neurocognitive endophenotypes of impulsivity and compulsivity: Towards dimensional psychiatry	TRENDS COGN SCI 16 (1): 81-91 Sp. Iss. SI JAN 2012 http://download.cell.com/trends/cognitive-sciences/pdf/PIIS1364661311002427.pdf?i	24
23.	精神疾病临床高危人群的认知功能	Cognitive functioning in prodromal psychosis: A meta-analysis	ARCH GEN PSYCHIAT 69 (6): 562-571 JUN 2012 http://archpsyc.jamanetwork.com/article.aspx?articleid=1171955	24

24.	工作记忆(Working memory, WM)的训练是有效的吗?	Is working memory training effective?	PSYCHOL BULL 138 (4): 628-654 JUL 2012 http://web.ebscohost.com/ehost/pdfviewer/pdfviewer?vid=3&sid=6a6cb89d-9a59-4faf-9b36-a44930fdcf22%40sessionmgr4&hid=11	20
25.	执行功能(Executive functions, EFs)中个体差异所致的不同类型及其相应认知与生物学基础	The nature and organization of individual differences in executive functions: Four general conclusions	CURR DIRECTIONS PSYCHOL SCI 21 (1): 8-14 FEB 2012 http://cdp.sagepub.com/content/21/1/8.full.pdf+html	19
26.	元分析: 童年灾祸将增加罹患精神疾病的风险	Childhood adversities increase the risk of psychosis: A meta-analysis of patient-control, prospective- and cross-sectional cohort studies	SCHIZOPHRENIA BULL 38 (4): 661-671 JUN 2012 http://www.toxicpsychiatry.com/storage/Schiz%20vase2012_childTraumaPsychosis.pdf	17
27.	精神分裂症的社会认知是神经认知 (neurocognition) 和功能结果的中介变量	Social cognition as a mediator variable between neurocognition and functional outcome in schizophrenia: Empirical review and new results by structural equation modeling	SCHIZOPHRENIA BULL 37: S41-S54 Suppl. 2 SEP 2011 http://schizophreniabulletin.oxfordjournals.org/content/37/suppl_2/S41.long	17
28.	精神分裂症患者的多巴胺功能障碍及其对治疗的意义:关于影像学研究的元分析	The nature of dopamine dysfunction in schizophrenia and what this means for treatment	ARCH GEN PSYCHIAT 69 (8): 776-786 AUG 2012 http://archpsyc.jamanetwork.com/article.aspx?articleid=1151090	16
29.	综述: 在语言理解的脑研究基础上, 提出了一个综合性的语言回路模型	The cortical language circuit: From auditory perception to sentence comprehension	TRENDS COGN SCI 16 (5): 262-268 MAY 2012 http://www.sciencedirect.com/science/article/pii/S1364661312000794	15

30.	综述: 空间忽略 (spatial neglect) 治疗方法的新进展	Rehabilitation of neglect: An update	NEUROPSYCHOLOGIA 50 (6): 1072-1079 Sp. Iss. SI MAY 2012 http://www.sciencedirect.com/science/article/pii/S0028393212000504	15
31.	进食障碍的流行病学	Epidemiology of eating disorders: Incidence, prevalence and mortality rates	CURR PSYCHIATRY REP 14 (4): 406-414 AUG 2012 http://link.springer.com/article/10.1007%2Fs11920-012-0282-y#page-2	14
32.	综述: 修改 DSM-5 中人格障碍的科学原则、基本原理和可能存在的问题	Personality disorders in DSM-5	ANNU REV CLIN PSYCHOL 8: 317-344 2012 http://journals.psychiatryonline.org/article.aspx?articleid=102446	14
33.	综述: 给顶叶腹侧 (ventral parietal cortex) 的激活提供一个统一的解释	Cognitive contributions of the ventral parietal cortex: An integrative theoretical account	TRENDS COGN SCI 16 (6): 338-352 JUN 2012 http://www.sciencedirect.com/science/article/pii/S1364661312001015	14
34.	精神疾病患者的神经成像	Neuroanatomical maps of psychosis onset: Voxel-wise meta-analysis of antipsychotic-naive VBM studies	SCHIZOPHRENIA BULL 38 (6): 1297-1307 NOV 2012 http://schizophreniabulletin.oxfordjournals.org/content/38/6/1297.full.pdf+html	13
35.	新版韦氏成人智力量表	WAIS-IV and clinical validation of the four- and five-factor interpretative approaches	J PSYCHOEDUC ASSESS 31 (2): 94-113 Sp. Iss. SI APR 2013 http://jpa.sagepub.com/content/31/2/94.short	12
36.	DSM-5 诊断的重测信度	DSM-5 field trials in the united states and Canada, part ii: Test-retest reliability of selected categorical diagnoses	AMER J PSYCHIAT 170 (1): 59-70 JAN 2013 http://ajp.psychiatryonline.org/article.aspx?articleID=1387906	12

37.	综述: 对注意选择的自上而下和自下而上的两分法提出批评, 并给出新的替代理论构架	Top-down versus bottom-up attentional control: A failed theoretical dichotomy	TRENDS COGN SCI 16 (8): 437-443 AUG 2012 http://ems.psy.vu.nl/userpages/theeuwes/Trends_2012_Awh.pdf	12
38.	比较 DSM-IV-TR 和 DSM-5 对于自闭症谱系障碍的诊断	Brief report: An exploratory study comparing diagnostic outcomes for autism spectrum disorders under DSM-IV-TR with the proposed DSM-5 revision	J AUTISM DEV DISORD 42 (8): 1750-1756 AUG 2012 http://link.springer.com/article/10.1007/s10803-012-1560-6	12
39.	与心理健康有关的行为歧视量表 (RIBS) 的研发和心理计量指标的性能	Development and psychometric properties of the reported and intended behaviour scale (RIBS): A stigma-related behaviour measure	EPIDEMIOL PSYCHIATR SCI 20 (3): 263-271 SEP 2011 http://journals.cambridge.org/download.php?file=%2F2376_82B6B638CE15A09A6661167B6D713529_journals_EPS_EPS20_03_S2045796011000308a.pdf&cover=Y&code=7b5b3b4c7d5eb14b83c2e95bce65491e	12
40.	婴儿在学习言语的时候会选择性地关注说话人的嘴巴	Infants deploy selective attention to the mouth of a talking face when learning speech	PROC NAT ACAD SCI USA 109 (5): 1431-1436 JAN 31 2012 http://www.pnas.org/content/109/5/1431.full	11
41.	新版韦氏儿童智力量表	WISC-IV and clinical validation of the four- and five-factor interpretative approaches	J PSYCHOEDUC ASSESS 31 (2): 114-131 Sp. Iss. SI APR 2013 http://jpa.sagepub.com/content/31/2/114.full.pdf+html	10
42.	通过与广泛性发育障碍的诊断相比较, 确定了 DSM-5 中对自闭症谱系障碍的诊断更为明确	Application of DSM-5 criteria for autism spectrum disorder to three samples of children with DSM-IV diagnoses of pervasive	AMER J PSYCHIATR 169 (10): 1056-1064 OCT 2012 http://ajp.psychiatryonline.org/article.aspx	10

		developmental disorders	?articleID=1367813&RelatedWidgetArticles=true	
43.	综述: 公众日益理解了心理疾患与生理疾病原因之间的关系, 但并没有对心理疾病患者有更多的接纳	Evolution of public attitudes about mental illness: A systematic review and meta-analysis	ACTA PSYCHIAT SCAND 125 (6): 440-452 JUN 2012 http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0447.2012.01826.x/full	10
44.	加拿大情绪和焦虑治疗网络 (Canadian Network for Mood and Anxiety Treatments, CANMAT) 和国际双相情感障碍联盟 (International society for bipolar disorders) 合作更新 CANMAT 双相障碍患者管理指导方针 (2013 版)	Canadian network for mood and anxiety treatments (CANMAT) and international society for bipolar disorders (ISBD) collaborative update of CANMAT guidelines for the management of patients with bipolar disorder: update 2013	BIPOLAR DISORD 15 (1): 1-44 FEB 2013 http://www.ncbi.nlm.nih.gov/pubmed/23237061	9
45.	医院焦虑抑郁量表 (HADS) 和贝克抑郁量表 (BDI-II) 的内部一致性和心理计量学性能 (psychometric properties) 的评估	Diagnostic accuracy of self-rating scales for screening of depression in coronary artery disease patients	J PSYCHOSOM RES 72 (1): 22-25 JAN 2012 http://www.sciencedirect.com/science/article/pii/S0022399911002741	9
46.	一些有瑕疵的心理学研究活动可能是非常普遍的	Measuring the prevalence of questionable research practices with incentives for truth telling	PSYCHOL SCI 23 (5): 524-532 MAY 2012 http://www.cmu.edu/dietrich/sds/docs/loewenstein/MeasPrevalQuestTruthTelling.pdf	9
47.	综述: 将双相障碍视为多系统的炎症疾病	Can bipolar disorder be viewed as a multi-system inflammatory disease?	J AFFECT DISORDERS 141 (1): 1-10 DEC 1 2012 http://www.sciencedirect.com/science/article/pii/S0165032712000092	9
48.	元分析: 空间技能的锻造	The malleability of spatial skills: A meta-analysis of training studies	PSYCHOL BULL 139 (2): 352-402 MAR 2013 http://www.silccenter.org/publications_pdf	8

			s/uttal_etal_june-2012.pdf	
49.	元分析:工作记忆的训练是有效的吗?	Is working memory training effective? A meta-analytic review	DEVELOP PSYCHOL 49 (2): 270-291 FEB 2013 http://www.apa.org/pubs/journals/releases/dev-49-2-270.pdf	8
50.	双相障碍的功能神经解剖	The functional neuroanatomy of bipolar disorder: a consensus model	BIPOLAR DISORD 14 (4): 313-325 JUN 2012 http://onlinelibrary.wiley.com/doi/10.1111/j.1399-5618.2012.01022.x/full	8
51.	英国国家 Time to Change 项目改变了人们对心理疾病的污名态度和刻意的歧视行为, 而不是知识	Public knowledge, attitudes and behaviour regarding people with mental illness in England 2009-2012	BRIT J PSYCHIAT 202: S51-S57 Suppl. 55 APR 2013 http://bjp.rcpsych.org/content/202/s55/s51.full	7
52.	30121 个英语单词的获得年龄。方法重点是使用了众包技术。	Age-of-acquisition ratings for 30,000 English words	BEHAV RES METHODS 44 (4): 978-990 DEC 2012 http://link.springer.com/article/10.3758/s13428-012-0210-4	7
53.	韦氏成人智力测试的协方差结构	WAIS-IV subtest covariance structure: Conceptual and statistical considerations	PSYCHOL ASSESSMENT 24 (2): 328-340 JUN 2012 http://web.ebscohost.com/ehost/detail?sid=467a15d8-2bf5-4d77-a086-2df2e75b7976%40sessionmgr111&vid=4&hid=118&bdata=Jmxhbmc9emgtY24mc2l0ZT1laG9zdC1saXZl#db=pdh&AN=2011-21188-001	7
54.	英国在新闻报道中去心理疾病污名 (anti-stigmatising) 的文章在增加	Newspaper coverage of mental illness in England 2008-2011	BRIT J PSYCHIAT 202: S64-S69 Suppl. 55 APR 2013 http://bjp.rcpsych.org/content/202/s55/s64	6

			full	
55.	英国国家 Time to Change 项目让心理疾病患者感受到歧视的减少	Experiences of discrimination among people using mental health services in England 2008-2011	BRIT J PSYCHIAT 202: S58-S63 Suppl. 55 APR 2013 http://bjp.rcpsych.org/content/202/s55/s58.full	6
56.	目前报道的与一般智力有关的基因多数是假阳性的, 心理学和社会科学的分子遗传学研究应该不仅仅检验被试的基因而已	Most reported genetic associations with general intelligence are probably false positives	PSYCHOL SCI 23 (11): 1314-1323 NOV 2012 http://intl-pss.sagepub.com/content/23/11/1314.full	6
57.	躁狂伴随抑郁或不伴随抑郁在美国年轻人中的发病情况	Mania with and without depression in a community sample of us adolescents	ARCH GEN PSYCHIAT 69 (9): 943-951 SEP 2012 http://archpsyc.jamanetwork.com/article.aspx?articleid=1149317	6
58.	元分析: 精神分裂症的代谢异常和并发症	Prevalence of metabolic syndrome and metabolic abnormalities in schizophrenia and related disorders-a systematic review and meta-analysis	SCHIZOPHRENIA BULL 39 (2): 306-318 MAR 2013 http://schizophreniabulletin.oxfordjournals.org/content/39/2/306.abstract	5
59.	对接受过心理健康护理的年轻人进行临床分期	Applying clinical staging to young people who present for mental health care	EARLY INTERV PSYCHIATRY 7 (1): 31-43 FEB 2013 http://onlinelibrary.wiley.com/doi/10.1111/j.1751-7893.2012.00366.x/full	4
60.	综述: 分离性身份识别障碍	A review of published research on adult dissociative identity disorder 2000-2010	J NERV MENT DIS 201 (1): 5-11 JAN 2013 http://www.ncbi.nlm.nih.gov/pubmed/23274288	4

表 2: ESI 2013 年 9 月更新的神经科学与行为领域热点论文

注: 红色为首次入榜文章; 黑色是曾经在往期出现过的热点文章。

序号	文章主题	题目	出处及原文或摘要链接	单篇被引
1.	哺乳动物特定脑区的成年神经元发生 (Adult neurogenesis)	Adult neurogenesis in the mammalian brain: Significant answers and significant questions	NEURON 70 (4): 687-702 MAY 26 2011 http://www.sciencedirect.com/science/article/pii/S0896627311003485	171
2.	行为变异额颞叶型痴呆 (Behavioural variant FTD) 诊断修订版的准确性、灵敏性与 排除标准等	Sensitivity of revised diagnostic criteria for the behavioural variant of frontotemporal dementia	BRAIN 134: 2456-2477 Part 9 SEP 2011 http://brain.oxfordjournals.org/content/134/9/2456.long	132
3.	2010 年欧盟 (European Union ,EU) 精神疾病和神经系统疾病的流程度和疾病负担	The size and burden of mental disorders and other disorders of the brain in Europe 2010	EUR NEUROPSYCHOPHARMACOL 21 (9): 655-679 SEP 2011 http://www.sciencedirect.com/science/article/pii/S0924977X11001726	123
4.	运用光遗传技术控制大脑中参与学习和社会化的区域的电活动, 改变了小鼠的社会性行为, 支持自闭症可能源于大脑内激发或抑制自然信号不平衡的理论	Neocortical excitation/inhibition balance in information processing and social dysfunction	NATURE 477 (7363): 171-178 SEP 8 2011 http://www.nature.com/nature/journal/v477/n7363/full/nature10360.html	116
5.	对小鼠皮肤细胞和人类皮肤细胞进行基因重组, 将其转变成能制造多巴胺的特定神经元	Direct generation of functional dopaminergic neurons from mouse and human fibroblasts	NATURE 476 (7359): 224-U151 AUG 11 2011 http://www.nature.com/nature/journal/v476/n7359/full/nature10284.html	112
6.	脊柱外科中应用重组人骨形成蛋白-2 (Recombinant human bone morphogenetic protein-2) 的安全性及有效性	A critical review of recombinant human bone morphogenetic protein-2 trials in spinal surgery: Emerging safety concerns and lessons learned	SPINE J 11 (6): 471-491 JUN 2011 http://www.sciencedirect.com/science/article/pii/S1529943011002993	111

7.	克他命及其它 NMDA 受体拮抗剂在小鼠模型上快速产生抗抑郁样行为	NMDA receptor blockade at rest triggers rapid behavioural antidepressant responses	NATURE 475 (7354): 91-U109 JUL 7 2011 http://www.nature.com/nature/journal/v475/n7354/full/nature10130.html	107
8.	小神经胶质细胞能“修剪”神经元之间的连接,形成特定的网络连接	Synaptic pruning by microglia is necessary for normal brain development	SCIENCE 333 (6048): 1456-1458 SEP 9 2011 http://www.sciencemag.org/content/333/6048/1456.full	103
9.	以载脂蛋白 E 为靶标的治疗可在数小时内清除可溶性 A β (阿尔茨海默病)	APOE-directed therapeutics rapidly clear beta-amyloid and reverse deficits in ad mouse models	SCIENCE 335 (6075): 1503-1506 MAR 23 2012 http://www.sciencemag.org/content/340/6135/924.3.full	96
10.	神经血管单元(Neurovascular unit)改变引起的血脑屏障 (Blood-brain barrier, BBB) 功能障碍诱发包括 AD 在内的神经退行性疾病:发病机制与治疗前景	Neurovascular pathways to neurodegeneration in Alzheimer's disease and other disorders	NAT REV NEUROSCI 12 (12): 723-738 DEC 2011 http://www.nature.com/nrn/journal/v12/n12/full/nrn3114.html	85
11.	静息态功能连接 MRI(Resting state functional connectivity MRI, rs-fcMRI)中被试头动(Subject motion)导致系统误差	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion	NEUROIMAGE 59 (3): 2142-2154 FEB 1 2012 http://www.sciencedirect.com/science/article/pii/S1053811911011815	84
12.	一项关于胰岛素经鼻给药治疗阿尔茨海默症和遗忘型轻度认知障碍(Amnestic mild cognitive impairment)的临床预实验	Intranasal insulin therapy for Alzheimer disease and amnestic mild cognitive impairment: A pilot clinical trial	ARCH NEUROL 69 (1): 29-38 JAN 2012 http://archneur.jamanetwork.com/article.aspx?articleid=1107947	79
13.	综述:多巴胺调节纹状体投射通路,进而影响动作选择	Modulation of striatal projection systems by dopamine	ANNU REV NEUROSCI 34: 441-466 2011 http://pubmedcentralcanada.ca/pmcc/articles/PMC3487690/	76
14.	脆性 X 综合症(Fragile X syndrome)和结节性硬化症 (Tuberous sclerosis complex)作	Mutations causing syndromic autism define an axis of synaptic pathophysiology	NATURE 480 (7375): 63-U222 DEC 1 2011 http://www.nature.com/nature/journal/v4	73

	为两种自闭症相关疾病是由大脑中的同一种神经传导受体 mGluR5 以两种相反的机制引起的		80/n7375/full/nature10658.html	
15.	毒性 A β 寡聚体 (Toxic A β oligomers)促进阿尔茨海默症神经退行性病变发生	The toxic a beta oligomer and Alzheimer's disease: An emperor in need of clothes	NAT NEUROSCI 15 (3): 349-357 MAR 2012 http://www.nature.com/neuro/journal/v15/n3/full/nn.3028.html	70
16.	2010 年欧盟成员国脑疾患确诊人数、每种疾病的每人总费用以及对每种疾病和每个国家的总费用的估计	Cost of disorders of the brain in Europe 2010	EUR NEUROPSYCHOPHARMACOL 21 (10): 718-779 OCT 2011 http://www.europeanbraincouncil.org/pdfs/Publications_/Cost%20of%20Disorders%20of%20the%20Brain%20in%20Europe%20-%20EurNeuro2011.pdf	66
17.	C9ORF72 六核苷酸重复扩增与额颞叶型痴呆多变的临床表现及病理相关	Distinct clinical and pathological characteristics of frontotemporal dementia associated with C9ORF72 mutations	BRAIN 135: 693-708 Part 3 MAR 2012 http://brain.oxfordjournals.org/content/135/3/693.long	61
18.	小神经胶质细胞 (Microglia)在正常脑发育中的作用	The role of microglia in the healthy brain	J NEUROSCI 31 (45): 16064-16069 NOV 9 2011 http://www.jneurosci.org/content/31/45/16064.full	58
19.	利用雷特综合征(Rett syndrome,一种 X 染色体连锁 ASD)小鼠模型,发现小神经胶质细胞的噬菌性在疾病发病中的作用	Wild-type microglia arrest pathology in a mouse model of Rett syndrome	NATURE 484 (7392): 105-U125 APR 5 2012 http://www.med.nyu.edu/skirball-lab/littmanlab/Immunology_Journal_Club/Papers_files/Derecki.pdf	53
20.	利用外显子测序发现 ASD 儿童存在插入/缺失(Indels)和点突变(Point substitution)	De novo gene disruptions in children on the autistic spectrum	NEURON 74 (2): 285-299 APR 26 2012 http://download.cell.com/neuron/pdf/PIISO896627312003406.pdf	50

21.	借助基于神经信号的交互控制系统,2 名长期四肢瘫痪患者成功控制机械手的三维运动并能够完成抓取东西的动作	Reach and grasp by people with tetraplegia using a neurally controlled robotic arm	NATURE 485 (7398): 372-U121 MAY 17 2012 http://www.nature.com/nature/journal/v485/n7398/full/nature11076.html	50
22.	小神经胶质细胞 (Microglia)在视网膜膝状体系统 (Retinogeniculate system)中的作用	Microglia sculpt postnatal neural circuits in an activity and complement-dependent manner	NEURON 74 (4): 691-705 MAY 24 2012 http://download.cell.com/neuron/pdf/PIISO896627312003340.pdf	43
23.	提出两个全脑功能连接组织图	Functional network organization of the human brain	NEURON 72 (4): 665-678 NOV 17 2011 http://www.humanconnectome.org/hosted/docs/Power-et-al-Neuron-2011.pdf	42
24.	CTEP(代谢型谷氨酸受体 5 抑制剂): 一种可成功逆转脆性 X 染色体综合征(人体内 X 染色体形成过程中突变所导致的常见遗传病,也是孤独症和智力迟钝最普遍的遗传病因)成年实验鼠部分症状的新药	Chronic pharmacological mGlu5 inhibition corrects fragile X in adult mice	NEURON 74 (1): 49-56 APR 12 2012 http://download.cell.com/neuron/pdf/PIISO896627312002723.pdf	41
25.	脑网络组织中“成本”与所发挥功能间的权衡 (Trade-off)	The economy of brain network organization	NAT REV NEUROSCI 13 (5): 336-349 MAY 2012 http://www.nature.com/nrn/journal/v13/n5/full/nrn3214.html	41
26.	欧洲神经内分泌肿瘤学会(ENETS) 就神经内分泌肿瘤转移患者治疗原则达成共识	ENETS consensus guidelines for the management of patients with liver and other distant metastases from neuroendocrine neoplasms of foregut, midgut, hindgut, and unknown primary	NEUROENDOCRINOLOGY 95 (2): 157-176 2012 http://www.enets.org/d.f.190.pdf	40
27.	综述:细胞外电场和电信号的起源	The origin of extracellular fields and currents – EEG, ECoG, LFG and spikes	NAT REV NEUROSCI 13 (6): 407-420 JUN 2012	39

			http://www.nature.com/nrn/journal/v13/n6/full/nrn3241.html	
28.	通过改进功能成像的采样率，在原来静息功能成像的基础上，确定了多个时间功能模式（temporal functional mode）	Temporally-independent functional modes of spontaneous brain activity	PROC NAT ACAD SCI USA 109 (8): 3131-3136 FEB 21 2012 http://www.pnas.org/content/109/8/3131.abstract	33
29.	肌萎缩性脊髓侧索硬化症患者的认知损伤并不普遍，但是差异比较大	The syndrome of cognitive impairment in amyotrophic lateral sclerosis: A population-based study	J NEUROL NEUROSURG PSYCHIAT 83 (1): 102-108 JAN 2012 http://jnnp.bmj.com/content/83/1/102.long	31
30.	综述：细胞因子影响行为的机制，炎症造成抑郁的基础，及其转化医学的意义	Psychoneuroimmunology meets neuropsychopharmacology: Translational implications of the impact of inflammation on behavior	NEUROPSYCHOPHARMACOLOGY 37 (1): 137-162 JAN 2012 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3238082/	31
31.	通过全基因组的元分析确定多发性硬化的易感基因	Genome-wide meta-analysis identifies novel multiple sclerosis susceptibility loci	ANN NEUROL 70 (6): 897-912 DEC 2011 http://onlinelibrary.wiley.com/doi/10.1002/ana.22609/abstract;jsessionid=10E3546CE3DB1820D4CD71855E3CE1C8.f03t01	30
32.	少突胶质细胞 (Oligodendroglia) 糖代谢异常导致神经元和轴突退行性病变	Oligodendroglia metabolically support axons and contribute to neurodegeneration	NATURE 487 (7408): 443-U1502 JUL 26 2012 http://www.nature.com/nature/journal/vaop/ncurrent/full/nature11314.html	29
33.	反应性胶质化的基因组分析	Genomic analysis of reactive astrogliosis	J NEUROSCI 32 (18): 6391-6410 MAY 2 2012 http://www.jneurosci.org/content/32/18/6391.full	27
34.	α -synuclein 蛋白的病理性传递诱发非转基	Pathological alpha-synuclein transmission	SCIENCE 338 (6109): 949-953 NOV 16 2012	26

	因大鼠的帕金森氏神经退化	initiates Parkinson-like neurodegeneration in nontransgenic mice	http://www.sciencemag.org/content/338/6109/949.full	
35.	基因编码的钙指标 (Genetically encoded calcium indicators) 的更新换代对在体神经元活动成像的推动: 从 GCaMP3 到 GCaMP5	Optimization of a GCaMP calcium indicator for neural activity imaging	J NEUROSCI 32 (40): 13819-13840 OCT 3 2012 http://www.jneurosci.org/content/32/40/13819.full	25
36.	profilin 1 基因变异导致家族性肌萎缩性脊髓侧索硬化症	Mutations in the profilin 1 gene cause familial amyotrophic lateral sclerosis	NATURE 488 (7412): 499-+ AUG 23 2012 http://www.nature.com/nature/journal/v488/n9412/full/nature11280.html	24
37.	哺乳动物中枢及外周昼夜节律系统	Central and peripheral circadian clocks in mammals	ANNU REV NEUROSCI 35: 445-462 2012 http://www.annualreviews.org/doi/full/10.1146/annurev-neuro-060909-153128?url_v=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed&	23
38.	综述: ncRNA 在脑进化、发育、可塑性与疾病中的作用	Emerging roles of non-coding RNAs in brain evolution, development, plasticity and disease	NAT REV NEUROSCI 13 (8): 528-541 AUG 2012 http://www.nature.com/doi/10.1038/nrn3234	20
39.	脑源性神经营养因子 (BDNF) 和糖皮质激素调节促肾上腺皮质激素释放激素 (CRH) 的稳态	BDNF and glucocorticoids regulate corticotrophin-releasing hormone (CRH) homeostasis in the hypothalamus	PROC NAT ACAD SCI USA 109 (4): 1305-1310 JAN 24 2012 http://www.pnas.org/content/109/4/1305.long	19
40.	确立了一个可以产生奖赏和厌恶的独特的腹侧被盖区神经环路	Input-specific control of reward and aversion in the ventral tegmental area	NATURE 491 (7423): 212-+ NOV 8 2012 http://www.nature.com/nature/journal/v491/n7423/full/nature11527.html	14
41.	脑区之间的相互联系形成 rich club, 这些	High-cost, high-capacity backbone for	PROC NAT ACAD SCI USA 109 (28):	14

	club 之间的相互信息沟通是非常重要的, 它形成了全脑交流的网络中枢。	global brain communication	11372-11377 JUL 10 2012 http://www.pnas.org/content/early/2012/06/13/1203593109.full.pdf	
42.	综述: 抑郁症的突触功能障碍	Synaptic dysfunction in depression: Potential therapeutic targets	SCIENCE 338 (6103): 68-72 OCT 5 2012 https://www.sciencemag.org/content/338/6103/68	13
43.	综述: 作为动作学习基础的小脑皮质长期可塑性	Distributed synergistic plasticity and cerebellar learning	NAT REV NEUROSCI 13 (9): 619-635 SEP 2012 http://www.nature.com/nrn/journal/v13/n9/full/nrn3312.html	13
44.	慢波睡眠与记忆巩固	Slow oscillations orchestrating fast oscillations and memory consolidation	PROG BRAIN RES 193: 93-110 2011 http://www.sciencedirect.com/science/article/pii/B9780444538390000077	13
45.	慢性创伤性脑病(Chronic traumatic encephalopathy)	The spectrum of disease in chronic traumatic encephalopathy	BRAIN 136: 43-64 Part 1 JAN 2013 http://brain.oxfordjournals.org/content/early/2012/12/02/brain.aws307.full	12
46.	综述: 共情的神经基础	The neural basis of empathy	ANNU REV NEUROSCI 35: 1-23 2012 http://www.annualreviews.org/doi/abs/10.1146/annurev-neuro-062111-150536?url_v=Z39.88-2003&rfr_dat=cr_pub%3Dpubmed&rfr_id=ori%3Arid%3Acrossref.org&journalCode=neuro	12
47.	神经成像学的证据不支持青春期简单的额叶不成熟模型。更多的证据指向青春期开始的社会与情感过程改变的重要性	Understanding adolescence as a period of social-affective engagement and goal flexibility	NAT REV NEUROSCI 13 (9): 636-650 SEP 2012 http://www.nature.com/nrn/journal/v13/n9/full/nrn3313.html	12

48.	综述: 突触前活动区的分子成分和功能	The presynaptic active zone	NEURON 75 (1): 11-25 JUL 12 2012 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3743085/	12
49.	综述: 电压门控钙通道的 ALPHA(2)DELTA 和 BETA 亚单元的新机能	Calcium channel auxiliary alpha(2)delta and beta subunits: Trafficking and one step beyond	NAT REV NEUROSCI 13 (8): 542-555 AUG 2012 http://www.ucl.ac.uk/~uclado/DolphinNRN2012.pdf	11
50.	综述: 静息态网络的光谱特征	Spectral characteristics of resting state networks	PROG BRAIN RES 193: 259-276 2011 http://www.sciencedirect.com/science/article/pii/B978044453839000016	11
51.	在C9ORF72的非编码区, 己烷核苷酸GGGGCC的不断重复是导致额颞叶痴呆和肌萎缩性脊髓侧索硬化的原因。	Unconventional translation of C9ORF72 GGGGCC expansion generates insoluble polypeptides specific to C9FTD/ALS	NEURON 77 (4): 639-646 FEB 20 2013 https://www.cell.com/neuron/abstract/S0896-6273(13)00135-9?switch=standard	10
52.	综述: 现有的证据发现利用神经再生来缓解抑郁症是有问题的, 提出神经再生相互作用组 (neurogenic interactome) 模型	Depression and hippocampal neurogenesis: A road to remission?	SCIENCE 338 (6103): 72-75 OCT 5 2012 http://www.ncbi.nlm.nih.gov/pmc/articles/pmid/23042885/	10
53.	综述: 谷氨酸依赖的神经胶质钙信号活动在成年大脑和发育期大脑完全不同	Glutamate-dependent neuroglial calcium signaling differs between young and adult brain	SCIENCE 339 (6116): 197-200 JAN 11 2013 http://www.ncbi.nlm.nih.gov/pmc/articles/pmid/23307741/	9
54.	综述: 精神疾病标准的临床效力检验应该关注在生物学上异质的亚类型。为了保证临床相关性和可用性, 需要关注相关临床群体有意义的差异	Why has it taken so long for biological psychiatry to develop clinical tests and what to do about it?	MOL PSYCHIATR 17 (12): 1174-1179 DEC 2012 http://www.nature.com/mp/journal/v17/n12/full/mp2012105a.html	8
55.	己烷核苷酸 GGGGCC 重复扩展导致额颞叶痴呆和肌萎缩性脊髓侧索硬化的致病	The C9ORF72 GGGGCC repeat is translated into aggregating dipeptide-repeat proteins	SCIENCE 339 (6125): 1335-1338 MAR 15 2013	7

	机制	in FTLD/DLS	http://www.sciencemag.org/content/339/6125/1335.long	
56.	时间相关单光子计数(time-correlated single-photon counting)和光纤技术 (fiber optic) 发现, 在发起动作的时候, 纹状体直接通路和间接通路同时激活	Concurrent activation of striatal direct and indirect pathways during action initiation	NATURE 494 (7436): 238-242 FEB 14 2013 http://www.nature.com/nature/journal/v494/n7436/full/nature11846.html	7
57.	综述: α -synuclein 的结构的、寡聚化和集合状态	The many faces of alpha-synuclein: From structure and toxicity to therapeutic target	NAT REV NEUROSCI 14 (1): 38-48 JAN 2013 http://www.nature.com/nrn/journal/v14/n1/full/nrn3406.html	6
58.	小胶质细胞的来源	Microglia emerge from erythromyeloid precursors via PU.1- and Irf8-dependent pathways	NAT NEUROSCI 16 (3): 273-280 MAR 2013 http://www.nature.com/neuro/journal/v16/n3/full/nn.3318.html	6
59.	比较腹侧海马, 基底外侧杏仁核和前额皮质输入到伏隔核的神经支配方式和突触属性, 来了解这些通路的特异性效果	Synaptic and behavioral profile of multiple glutamatergic inputs to the nucleus accumbens	NEURON 76 (4): 790-803 NOV 21 2012 http://www.sciencedirect.com/science/article/pii/S0896627312009907	6
60.	综述: 皮层功能柱的微环路与预测性编码	Canonical microcircuits for predictive coding	NEURON 76 (4): 695-711 NOV 21 2012 http://www.sciencedirect.com/science/article/pii/S0896627312009592	6
61.	利用光遗传学技术控制癫痫的自发性发作	On-demand optogenetic control of spontaneous seizures in temporal lobe epilepsy	NAT COMMUN 4: art. no.-1376 JAN 2013 http://www.nature.com/ncomms/journal/v4/n1/full/ncomms2376.html	5
62.	确定了安非他命造成成瘾的主要行动是通过胞外分泌多巴胺的上调 (upregulation of exocytotic dopamine release)	Amphetamine paradoxically augments exocytotic dopamine release and phasic dopamine signals	J NEUROSCI 33 (2): 452-463 JAN 9 2013 http://www.jneurosci.org/content/33/2/452.full	5
63.	使用模糊同步似然法 (Fuzzy Synchronization Likelihood) 诊断自闭症谱	Fuzzy synchronization likelihood-wavelet methodology for diagnosis of autism	J NEUROSCI METH 211 (2): 203-209 NOV 15 2012	5

	系障碍	spectrum disorder	http://www.sciencedirect.com/science/article/pii/S016502701200341X	
64.	在 PARK16 和 LRRK2 两个位点上的变异是彼此相关的, 并影响人脑转录和帕金森病的风险	RAB7L1 interacts with LRRK2 to modify intraneuronal protein sorting and Parkinson's disease risk	NEURON 77 (3): 425-439 FEB 6 2013 http://www.sciencedirect.com/science/article/pii/S0896627312011208	4
65.	神经性特征的慢性疼痛	Socio-demographic and clinical profile of chronic pain with neuropathic characteristics in sub-Saharan African elderly	EUR J PAIN 17 (6): 939-943 JUL 2013 http://onlinelibrary.wiley.com/doi/10.1002/j.1532-2149.2012.00243.x/abstract	2
66.	抗癫痫药物是否增加癫痫病人突然死亡的风险?	Sudden unexpected death in epilepsy potential role of antiepileptic drugs	CNS DRUGS 27 (2): 113-119 2013 http://link.springer.com/article/10.1007%2Fs40263-012-0006-1	2
67.	没有正常的肠道菌群, 将扰乱中央神经系统的神经传递, 这种扰乱还比较持久	The microbiome-gut-brain axis during early life regulates the hippocampal serotonergic system in a sex-dependent manner	MOL PSYCHIATR 18 (6): 666-673 JUN 2013 http://www.nature.com/mp/journal/v18/n6/full/mp201277a.html	2
68.	综述: 神经肽 Y 与创伤后应激障碍	Neuropeptide Y and posttraumatic stress disorder	MOL PSYCHIATR 18 (6): 646-655 JUN 2013 http://www.nature.com/mp/journal/v18/n6/full/mp2012101a.html	2
69.	进一步确定了 SYNE1 与双向障碍和复发性抑郁之间的关系	Association at SYNE1 in both bipolar disorder and recurrent major depression	MOL PSYCHIATR 18 (5): 614-617 MAY 2013 http://www.nature.com/mp/journal/v18/n5/full/mp201248a.html	2
70.	提出阿尔兹海默症是一种线粒体相关的内质网交流障碍	Mitochondria-associated er membranes in Alzheimer disease	MOL CELL NEUROSCI 55: 26-36 Sp. Iss. SI JUL 2013 http://www.sciencedirect.com/science/article/pii/S1044743112001273	2
71.	硬脑膜动静脉瘘患者的特征与长期预后	Characteristics and long-term outcome of	J NEUROSURG 118 (5): 923-934 MAY 2013	2

		251 patients with dural arteriovenous fistulas in a defined population clinical article	http://thejns.org/doi/abs/10.3171/2012.11.JNS111604	
72.	首次证明了肠 (enteric) 神经系统可以分泌 alpha-synuclein, 从而导致帕金森氏病	Activity-dependent secretion of alpha-synuclein by enteric neurons	J NEUROCHEM 125 (4): 512-517 MAY 2013 http://onlinelibrary.wiley.com/doi/10.1111/jnc.12131/pdf	2
73.	β -tubulin 4A 的自调节区变异导致遗传性肌张力障碍	Mutations in the autoregulatory domain of beta-tubulin 4A cause hereditary dystonia	ANN NEUROL 73 (4): 546-553 APR 2013 http://onlinelibrary.wiley.com/doi/10.1002/ana.23832/full	2
74.	熟睡同时持续给予与睡眠慢波同相位的听觉刺激, 将可以巩固陈述记忆	Auditory closed-loop stimulation of the sleep slow oscillation enhances memory	NEURON 78 (3): 545-553 MAY 8 2013 http://www.sciencedirect.com/science/article/pii/S0896627313002304	2
75.	出生前暴露于抗癫痫药物导致神经发育障碍的普遍性	The prevalence of neurodevelopmental disorders in children prenatally exposed to antiepileptic drugs	J NEUROL NEUROSURG PSYCHIAT 84 (6): 637-643 JUN 2013 http://www.ncbi.nlm.nih.gov/pubmed/23370617	2
76.	综述: 催产素滴鼻研究报告需要更为标准化, 以求更为可信。	Recommendations for the standardisation of oxytocin nasal administration and guidelines for its reporting in human research	PSYCHONEUROENDOCRINOLOGY 38 (5): 612-625 MAY 2013 http://www.sciencedirect.com/science/article/pii/S0306453012004118	2
77.	综述: 比较标准颞叶癫痫手术和选择性颞叶癫痫手术	Systematic review and meta-analysis of standard VS selective temporal lobe epilepsy surgery	NEUROLOGY 80 (18): 1669-1676 APR 2013 http://www.ncbi.nlm.nih.gov/pubmed/23553475	2
78.	用行为干预来增加睡眠时间可以治疗高血压	Increasing sleep duration to lower beat-to-beat blood pressure: A pilot study	J SLEEP RES 22 (3): 295-304 JUN 2013 http://www.ncbi.nlm.nih.gov/pubmed/23171375	2

79.	综述: 足月婴儿患大脑性麻痹的风险因素	A systematic review of risk factors for cerebral palsy in children born at term in developed countries	DEVELOP MED CHILD NEUROL 55 (6): 499-508 JUN 2013 http://onlinelibrary.wiley.com/doi/10.1111/dmcn.12017/full	2
80.	综述: 年龄相关的静息状态功能连接成像的各类研究发现	Resting-state functional connectivity in normal brain aging	NEUROSCI BIOBEHAV REV 37 (3): 384-400 MAR 2013 http://www.sciencedirect.com/science/article/pii/S0149763413000183	2
81.	TC-5619 和 alpha7 尼古丁受体可以潜在地对抗精神分裂症的认知受损和阴性症状	A randomized exploratory trial of an alpha-7 nicotinic receptor agonist (TC-5619) for cognitive enhancement in schizophrenia	NEUROPSYCHOPHARMACOLOGY 38 (6): 968-975 MAY 2013 http://www.nature.com/npp/journal/v38/n6/full/npp2012259a.html	2
82.	L-acetylcarnitine 通过 mGlu2 受体的表观遗传诱导产生快速的抗抑郁效果	L-acetylcarnitine causes rapid antidepressant effects through the epigenetic induction of mGlu2 receptors	PROC NAT ACAD SCI USA 110 (12): 4804-4809 MAR 19 2013 http://www.pnas.org/content/110/12/4804.full	2
83.	在一微米尺度上持续地获得全脑长距离的轴突投射	Continuously tracing brain-wide long-distance axonal projections in mice at a one-micron voxel resolution	NEUROIMAGE 74: 87-98 JUL 1 2013 http://www.sciencedirect.com/science/article/pii/S1053811913001250	2
84.	感觉皮层神经活动的分布模式反映了多个项目保持在视觉短时记忆中的精确度	Distributed patterns of activity in sensory cortex reflect the precision of multiple items maintained in visual short-term memory	J NEUROSCI 33 (15): 6516-6523 APR 10 2013 http://www.jneurosci.org/content/33/15/6516.full.pdf	2
85.	发现在小脑的输入阶段, 颗粒层在共振为 5-7Hz 时有最大的反应	Theta-frequency resonance at the cerebellum input stage improves spike timing on the millisecond time-scale	FRONT NEURAL CIRCUITS 7: art. no.-64 APR 10 2013 http://www.frontiersin.org/Journal/10.3389	2

			/fncir.2013.00064/full	
86.	对老年人的认知训练在促进认知表现上的确是有效的	Does combined cognitive training and physical activity training enhance cognitive abilities more than either alone? A four-condition randomized controlled trial among healthy older adults	FRONT AGING NEUROSCI 5: art. no.-8 MAR 26 2013 http://www.frontiersin.org/Journal/10.3389/fnagi.2013.00008/full	2
87.	综述: 在阿尔兹海默症致病机理中, 血管性因素和线粒体功能障碍的作用	Vascular factors and mitochondrial dysfunction: A central role in the pathogenesis of Alzheimer's disease	CURR NEUROVASC RES 10 (1): 76-80 FEB 2013 http://www.eurekaselect.com/105874/article	2
88.	综述: 有限的成像证据支持存在一个共同的神经生物学过程导致了饮食障碍和药物成瘾	Does a shared neurobiology for foods and drugs of abuse contribute to extremes of food ingestion in anorexia and bulimia nervosa?	BIOL PSYCHIAT 73 (9): 836-842 MAY 1 2013 http://www.sciencedirect.com/science/article/pii/S0006322313000371	2
89.	综述: 多巴胺在觅食和觅药中的双重角色	Dual roles of dopamine in food and drug seeking: The drive-reward paradox	BIOL PSYCHIAT 73 (9): 819-826 MAY 1 2013 http://www.sciencedirect.com/science/article/pii/S000632231200772X	2
90.	确定了终纹床核在协调各种焦虑特征中扮演的角色	Diverging neural pathways assemble a behavioural state from separable features in anxiety	NATURE 496 (7444): 219-223 APR 11 2013 http://www.nature.com/nature/journal/v496/n7444/full/nature12018.html	2
91.	维生素D受体在关键期内在黑体中的核表达意味着生命早期维他命D的状况会影响后期多巴胺能神经元的发展	The vitamin D receptor in dopamine neurons; its presence in human substantia nigra and its ontogenesis in rat midbrain	NEUROSCIENCE 236: 77-87 APR 16 2013 http://www.sciencedirect.com/science/article/pii/S0306452213000729	2
92.	背内侧纹状体中谷氨酸调节空间记忆而不是程序记忆的巩固	Glucocorticoids in the dorsomedial striatum modulate the consolidation of spatial but not procedural memory	NEUROBIOL LEARN MEMORY 101: 55-64 MAR 2013 http://www.sciencedirect.com/science/article	2

			cle/pii/S107474271300004X	
93.	抑制的主要角色是塑造呼吸运动输出模式，保证呼吸持续性和调节呼吸反射或呼吸暂停	Role of inhibition in respiratory pattern generation	J NEUROSCI 33 (13): 5454-5465 MAR 27 2013 http://www.jneurosci.org/content/33/13/5454.full.pdf	2
94.	肉毒杆菌毒素对肌索内纤维的作用与临床上的强直状态有关	Intrafusal effects of botulinum toxin injections for spasticity: Revisiting a previous paper	NEUROSCI LETT 541: 20-23 APR 29 2013 http://www.sciencedirect.com/science/article/pii/S0304394013001468	2
95.	量化评估肌肉系统模型	Quantitative evaluation of muscle synergy models: A single-trial task decoding approach	FRONT COMPUT NEUROSCI 7: art. no.-8 FEB 26 2013 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3590454/	2