

# ESI 中心心理学及相关领域热点论文 信息推送

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## ESI中心心理学及相关领域热点分析

### ——基于 2013 年 11 月更新数据

ESI (Essential Science Indicators) 热点论文指近两个月内被引次数高居前0.1%的近两年内发表的SCI/SSCI文章, 需要说明的是, 排在前0.1% 最后的多篇引用次数相同的文章都会被包含在热点论文中, 因此不是绝对的前0.1%。本期入榜文章是针对2011年6月至2013年6月发表的文章在2013年7月和8月两个月内的被引情况计算得出的。数据更新时间为2013年11月1日。

本期ESI发布精神病学/心理学领域的热点文章80篇, 其中首次入榜文章48篇。80篇入榜文章中, 单篇被引次数最高是147次, 是由宾夕法尼亚大学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”, 主要讨论心理学研究中的统计假阳性, 这篇论文在上一期也是被引频次最高的热点论文, 该论文在上期的被引次数是132次。该领域热点论文中单篇被引频次最低的是3次, 有两篇论文, 分别是由荷兰马斯特里赫特大学的5位研究者发表在The British Journal of Psychiatry上的论文“Behavioural activation v. antidepressant medication for treating depression in Iran: randomised trial”; 国际测验委员会给出的测验翻译和改编指导意见“International test commission guidelines for test translation and adaptation: second edition”。

首次列入热点论文的48篇中, 最高被引论文是2012年在Annual Review of Psychology上发表的有关工作记忆的论文“Working memory: theories, models, and controversies”, 这篇论文相信所有研究工作记忆的心理学家都会重视, 因为作者是对人类工作记忆研究做出开创性贡献的Alan Baddeley。精神病学/心理学领域80篇热点论文的详细情况和全文链接请见表1 (按文章被引次数排列)。

神经科学与行为领域的热点文章一共60篇, 首次入榜文章28篇。60篇论文中单篇最高被引154次, 是来自美国、英国、德国和澳大利亚等多个国家的神经学

家发表在Brain上的论文“Sensitivity of revised diagnostic criteria for the behavioural variant of frontotemporal dementia”；最低被引3次，是今年5月发表在Nature上的论文“Hippocampal place-cell sequences depict future paths to remembered goals”，主要研究海马的地点细胞存储导航记忆的过程，是由约翰·霍普金斯大学Pfeiffer和Foster两人完成的。

首次列入热点论文的28篇中，最高被引论文是2011年发表在Nature Reviews Neuroscience上的Dysfunction of the prefrontal cortex in addiction: neuroimaging findings and clinical implications，累计被引67次。主要回顾了成瘾的前额叶功能障碍的相关成像研究和临床意义。作者是Brookhaven 国家实验室神经心理学成像研究团队的负责人RITA Z. GOLDSTEIN和美国NIDA (National Institute on Drug Abuse) 的负责人NORA D. VOLKOW。

神经科学与行为领域60篇热点论文的详细情况和全文链接请见表2（按文章被引次数排列）。

表 1: ESI 2013 年 11 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.	心理学研究中由数据收集和分析导致的假阳性 (False-positive)现象, 同时提出可避免该问题出现的一个简单方法	False-positive psychology: Undisclosed flexibility in data collection and analysis allows presenting anything as significant	<a href="#">PSYCHOL SCI</a> 22 (11): 1359-1366 NOV 2011 <a href="http://www.socio.mta.hu/dynamic/simmons_et_al_2011.pdf">http://www.socio.mta.hu/dynamic/simmons_et_al_2011.pdf</a>	147
2.	遗传可能性和双胞胎共享环境 (Shared environment)与自闭症谱系障碍易感性之间的定量评估	Genetic heritability and shared environmental factors among twin pairs with autism	<a href="#">ARCH GEN PSYCHIAT</a> 68 (11): 1095-1102 NOV 2011 <a href="http://cirge.stanford.edu/Hallmayer%202011.pdf">http://cirge.stanford.edu/Hallmayer%202011.pdf</a>	134
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	<a href="#">AMER J PSYCHIAT</a> 168 (9): 904-912 SEP 2011 <a href="http://ajp.psychiatryonline.org/article.aspx?articleid=116570">http://ajp.psychiatryonline.org/article.aspx?articleid=116570</a>	94
4.	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	<a href="#">SCIENCE</a> 333 (6045): 959-964 AUG 19 2011 <a href="http://www.sciencemag.org/content/333/6045/959.short">http://www.sciencemag.org/content/333/6045/959.short</a>	91
5.	基因与环境交互作用研究领域中,常用的备选基因 G×E(Candidate G×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	A critical review of the first 10 years of candidate gene-by-environment interaction research in psychiatry	<a href="#">AMER J PSYCHIAT</a> 168 (10): 1041-1049 OCT 2011 <a href="http://ajp.psychiatryonline.org/article.aspx?articleid=178272">http://ajp.psychiatryonline.org/article.aspx?articleid=178272</a>	74
6.	利用数据库检索,对截止到 2011 年 1 月发表的精神病高危人群进展为临床	Predicting psychosis: Meta-analysis of transition outcomes in individuals at high clinical risk	<a href="#">ARCH GEN PSYCHIAT</a> 69 (3): 220-229 MAR 2012	65

	发病的文章进行元分析		<a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1107408">http://archpsyc.jamanetwork.com/article.aspx?articleid=1107408</a>	
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	<a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1107421">ARCH GEN PSYCHIAT 68 (8): 791-799 AUG 2011</a> <a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1107421">http://archpsyc.jamanetwork.com/article.aspx?articleid=1107421</a>	65
8.	阿尔兹海默病的早发性生物标记物:在患轻度认知功能损害的患者发展为AD痴呆症之前,其脑脊液中A $\beta$ 42的水平似乎已经下降了至少5至10年	Cerebrospinal fluid levels of beta-amyloid 1-42, but not of tau, are fully changed already 5 to 10 years before the onset of Alzheimer dementia	<a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1107443">ARCH GEN PSYCHIAT 69 (1): 98-106 JAN 2012</a> <a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1107443">http://archpsyc.jamanetwork.com/article.aspx?articleid=1107443</a>	58
9.	计划行为理论(Theory of planned behaviour, TPB)与健康行为	Prospective prediction of health-related behaviours with the theory of planned behaviour: A meta-analysis	HEALTH PSYCHOL REV 5 (2): 97-144 2011 <a href="http://www.tandfonline.com/doi/pdf/10.1080/17437199.2010.521684">http://www.tandfonline.com/doi/pdf/10.1080/17437199.2010.521684</a>	56
10.	语义记忆	The neurobiology of semantic memory	<a href="http://ac.els-cdn.com/S1364661311002142/1-s2.0-S1364661311002142-main.pdf?tid=c2a089b4-600a-11e3-9094-00000aab0f02&amp;acdnat=1386508688_26db25ad70ad9c2b4cf821c7068fd792">TRENDS COGN SCI 15 (11): 527-536 NOV 2011</a> <a href="http://ac.els-cdn.com/S1364661311002142/1-s2.0-S1364661311002142-main.pdf?tid=c2a089b4-600a-11e3-9094-00000aab0f02&amp;acdnat=1386508688_26db25ad70ad9c2b4cf821c7068fd792">http://ac.els-cdn.com/S1364661311002142/1-s2.0-S1364661311002142-main.pdf?tid=c2a089b4-600a-11e3-9094-00000aab0f02&amp;acdnat=1386508688_26db25ad70ad9c2b4cf821c7068fd792</a>	55
11.	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	<a href="http://www.jad-journal.com/article/S0165-0327(11)00029-2/abstract">J AFFECT DISORDERS 135 (1-3): 10-19 DEC 2011</a> <a href="http://www.jad-journal.com/article/S0165-0327(11)00029-2/abstract">http://www.jad-journal.com/article/S0165-0327(11)00029-2/abstract</a>	51
12.	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	<a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1107408">J AMER ACAD CHILD ADOLESC PSY 51 (4): 368-383 APR 2012</a>	41

			<a href="http://www.jaacap.com/article/S0890-8567(12)00042-1/abstract">http://www.jaacap.com/article/S0890-8567(12)00042-1/abstract</a>	
13.	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展,提出了一个三重网络模型。	Large-scale brain networks and psychopathology: A unifying triple network model	TRENDS COGN SCI 15 (10): 483-506 OCT 2011. <a href="http://scsnl.stanford.edu/documents/Menon_Large_Scale_Brain_Networks_11.pdf">http://scsnl.stanford.edu/documents/Menon_Large_Scale_Brain_Networks_11.pdf</a>	41
14.	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 <a href="http://link.springer.com/article/10.1007%2Fs11920-011-0232-0">http://link.springer.com/article/10.1007%2Fs11920-011-0232-0</a>	37
15.	工作记忆: 理论、模型和争论	Working memory: theories, models, and controversies	ANNU REV PSYCHOL 63: 1-29 2012 <a href="http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-120710-100422">http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-120710-100422</a>	35
16.	哥伦比亚—自杀严重评估等级量表 (Columbia-Suicide Severity Rating Scale, C-SSRS,美国哥伦比亚大学创立的自杀倾向风险评估工具)	The Columbia-suicide severity rating scale: initial validity and internal consistency findings from three multisite studies with adolescents and adults	AMER J PSYCHIAT 168 (12): 1266-1277 DEC 2011 <a href="http://ajp.psychiatryonline.org/article.aspx?articleid=181033">http://ajp.psychiatryonline.org/article.aspx?articleid=181033</a>	33
17.	利用贝叶斯模型选择(Bayesian model selection)在一定程度上减轻零假设显著性检验(Null-hypothesis significance testing, NHST)带来的误差,并附上分析方法	A tutorial on a practical Bayesian alternative to null-hypothesis significance testing	BEHAV RES METHODS 43 (3): 679-690 Sp. Iss. SI SEP 2011 <a href="http://link.springer.com/article/10.3758%2Fs13428-010-0049-5">http://link.springer.com/article/10.3758%2Fs13428-010-0049-5</a>	33
18.	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 <a href="http://ajp.psychiatryonline.org/article.aspx?articleid=668180">http://ajp.psychiatryonline.org/article.aspx?articleid=668180</a>	32

19.	社会科学研究中方法偏差 (Method Bias)的来源以及如何控制偏差的产生	Sources of method bias in social science research and recommendations on how to control it	<a href="http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-120710-100452">ANNU REV PSYCHOL</a> 63: 539-569 2012 <a href="http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-120710-100452">http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-120710-100452</a>	31
20.	低功能型精神分裂症患者进行认知治疗的效力	Randomized trial to evaluate the efficacy of cognitive therapy for low-functioning patients with schizophrenia	<a href="http://jamanetwork.com/article.aspx?articleid=1107449">ARCH GEN PSYCHIAT</a> 69 (2): 121-127 FEB 2012 <a href="http://jamanetwork.com/article.aspx?articleid=1107449">http://jamanetwork.com/article.aspx?articleid=1107449</a>	30
21.	情绪障碍的神经环路	Neural circuits underlying the pathophysiology of mood disorders	<a href="http://www.sciencedirect.com/science/article/pii/S1364661311002622">TRENDS COGN SCI</a> 16 (1): 61-71 Sp. Iss. SI JAN 2012 <a href="http://www.sciencedirect.com/science/article/pii/S1364661311002622">http://www.sciencedirect.com/science/article/pii/S1364661311002622</a>	30
22.	下丘脑-垂体-肾上腺(HPA)轴的高敏感性、焦虑以及应激和 线索(Cue)导致的对酒精渴望 的增加会明显影响酒精成瘾的 复发及治疗效果	Effects of adrenal sensitivity, stress- and cue-induced craving, and anxiety on subsequent alcohol relapse and treatment outcomes	<a href="http://jamanetwork.com/article.aspx?articleid=1107269">ARCH GEN PSYCHIAT</a> 68 (9): 942-952 SEP 2011 <a href="http://jamanetwork.com/article.aspx?articleid=1107269">http://jamanetwork.com/article.aspx?articleid=1107269</a>	30
23.	与丧亲有关的抑郁发作	Bereavement-related depressive episodes: characteristics, 3-year course, and implications for the DSM-5	<a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1107278">ARCH GEN PSYCHIAT</a> 68 (9): 920-928 SEP 2011 <a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1107278">http://archpsyc.jamanetwork.com/article.aspx?articleid=1107278</a>	27
24.	工作记忆(Working memory, WM)的训练是有效的吗?	Is working memory training effective?	<a href="http://www.apa.org/pubs/journals/releases/dev-49-2-270.pdf">PSYCHOL BULL</a> 138 (4): 628-654 JUL 2012 <a href="http://www.apa.org/pubs/journals/releases/dev-49-2-270.pdf">http://www.apa.org/pubs/journals/releases/dev-49-2-270.pdf</a>	26
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	<a href="http://scottbarrykaufman.com/wp-content/uploads/2012/05/Current-Directions-in-Psyc">CURR DIRECTIONS PSYCHOL SCI</a> 21 (1): 8-14 FEB 2012 <a href="http://scottbarrykaufman.com/wp-content/uploads/2012/05/Current-Directions-in-Psyc">http://scottbarrykaufman.com/wp-content/uploads/2012/05/Current-Directions-in-Psyc</a>	25

			<a href="#">hological-Science-2012-Miyake-8-141.pdf</a>	
26.	科研机构也存在微妙性别歧视—男性更受欢迎	Science faculty's subtle gender biases favor male students	<a href="#">PROC NAT ACAD SCI USA</a> 109 (41): 16474-16479 OCT 9 2012 <a href="http://www.pnas.org/content/109/41/16474.full.pdf+html">http://www.pnas.org/content/109/41/16474.full.pdf+html</a>	25
27.	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	<a href="#">ARCH GEN PSYCHIAT</a> 69 (8): 776-786 AUG 2012 <a href="http://jamanetwork.com/article.aspx?articleid=1151090">http://jamanetwork.com/article.aspx?articleid=1151090</a>	24
28.	多种执行机能的高级认知控制网络	Meta-analytic evidence for a superordinate cognitive control network subserving diverse executive functions	<a href="#">COGN AFFECT BEHAV NEUROSCI</a> 12 (2): 241-268 JUN 2012 <a href="http://link.springer.com/article/10.3758%2Fs13415-011-0083-5">http://link.springer.com/article/10.3758%2Fs13415-011-0083-5</a>	23
29.	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	<a href="#">SCHIZOPHRENIA BULL</a> 38 (4): 661-671 JUN 2012 <a href="http://www.toxicpsychiatry.com/storage/Schiz%20vase2012_childTrauamaPsychosis.pdf">http://www.toxicpsychiatry.com/storage/Schiz%20vase2012_childTrauamaPsychosis.pdf</a>	23
30.	DSM-5 中适应不良人格特质模型的最初构建	Initial construction of a maladaptive personality trait model and inventory for DSM-5	<a href="#">PSYCHOL MED</a> 42 (9): 1879-1890 SEP 2012 <a href="http://journals.cambridge.org/action/displayAbstract?fromPage=online&amp;aid=8655989">http://journals.cambridge.org/action/displayAbstract?fromPage=online&amp;aid=8655989</a>	22
31.	重症抑郁患者的灰质异常减少: 基于形态测量学的元分析	Gray matter abnormalities in major depressive disorder: a meta-analysis of voxel based morphometry studies	<a href="#">J AFFECT DISORDERS</a> 138 (1-2): 9-18 APR 2012 <a href="http://www.jad-journal.com/article/S0165-0327(11)00148-0/abstract">http://www.jad-journal.com/article/S0165-0327(11)00148-0/abstract</a>	21
32.	进食障碍的流行病学	Epidemiology of eating disorders: incidence,	<a href="#">CURR PSYCHIATRY REP</a> 14 (4): 406-414 AUG	20



		prevalence and mortality rates	2012 <a href="http://link.springer.com/article/10.1007%2Fs11920-012-0282-y">http://link.springer.com/article/10.1007%2Fs11920-012-0282-y</a>	
33.	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 <a href="http://ems.psy.vu.nl/userpages/theeuwes/Trends_2012_Awh.pdf">http://ems.psy.vu.nl/userpages/theeuwes/Trends_2012_Awh.pdf</a>	20
34.	DSM-5 在美国和加拿大的实地测试: 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 <a href="http://www.focus.psychiatryonline.org/Article.aspx?ArticleID=1387906">http://www.focus.psychiatryonline.org/Article.aspx?ArticleID=1387906</a>	19
35.	精神病理学中默认模式网络活动与连接	Default mode network activity and connectivity in psychopathology	ANNU REV CLIN PSYCHOL 8: 49-+ 2012 <a href="http://www.annualreviews.org/doi/abs/10.1146/annurev-clinpsy-032511-143049">http://www.annualreviews.org/doi/abs/10.1146/annurev-clinpsy-032511-143049</a>	19
36.	2010 年澳大利亚精神病患者现状 (包括症状、药物使用、功能、教育和职业等指标): 澳大利亚第二次全国精神病调查	People living with psychotic illness in 2010: the second Australian national survey of psychosis	AUST N Z J PSYCHIAT 46 (8): 735-752 Sp. Iss. SI AUG 2012 <a href="http://anp.sagepub.com/content/46/8/735.abstract">http://anp.sagepub.com/content/46/8/735.abstract</a>	19
37.	DSM-5 人格特质和 DSM-IV 的人格障碍	DSM-5 personality traits and DSM-IV personality disorders	J ABNORMAL PSYCHOL 121 (2): 424-432 MAY 2012 <a href="http://www.sakkyndig.com/psykologi/artvit/hopwood2012.pdf">http://www.sakkyndig.com/psykologi/artvit/hopwood2012.pdf</a>	17
38.	情绪刺激引发的脑活动的性别差异	Sex differences in brain activation to emotional stimuli: a meta-analysis of neuroimaging studies	NEUROPSYCHOLOGIA 50 (7): 1578-1593 JUN 2012 <a href="http://www.sciencedirect.com/science/article/pii/S002839321200125X">http://www.sciencedirect.com/science/article/pii/S002839321200125X</a>	16
39.	科学乌托邦 2	Scientific utopia: ii. Restructuring incentives and	PERSPECT PSYCHOL SCI 7 (6): 615-631 NOV	16

		practices to promote truth over publishability	2012 <a href="http://pps.sagepub.com/content/7/6/615.short">http://pps.sagepub.com/content/7/6/615.short</a>	
40.	DSM-5 病态人格特质的层次结构	The hierarchical structure of DSM-5 pathological personality traits	<a href="#">J ABNORMAL PSYCHOL</a> 121 (4): 951-957 NOV 2012 <a href="http://psycnet.apa.org/journals/abn/121/4/51/">http://psycnet.apa.org/journals/abn/121/4/51/</a>	16
41.	早期生活创伤的全基因组表观遗传学调节	Genome-wide epigenetic regulation by early-life trauma	<a href="#">ARCH GEN PSYCHIAT</a> 69 (7): 722-731 JUL 2012 <a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1211984">http://archpsyc.jamanetwork.com/article.aspx?articleid=1211984</a>	14
42.	元分析: 工作记忆的训练是有效的吗?	Is working memory training effective? A meta-analytic review	<a href="#">DEVELOP PSYCHOL</a> 49 (2): 270-291 FEB 2013 <a href="http://www.apa.org/pubs/journals/releases/dev-49-2-270.pdf">http://www.apa.org/pubs/journals/releases/dev-49-2-270.pdf</a>	13
43.	LY 341495 的抗抑郁效果受到 mTOR 激活的调节	mTOR activation is required for the antidepressant effects of mGluR(2/3) blockade	<a href="#">INT J NEUROPSYCHOPHARMACOL</a> 15 (4): 429-434 MAY 2012. <a href="http://journals.cambridge.org/action/displayAbstract?fromPage=online&amp;aid=8536961">http://journals.cambridge.org/action/displayAbstract?fromPage=online&amp;aid=8536961</a>	13
44.	Alpha 波震荡	Alpha-band oscillations, attention, and controlled access to stored information	<a href="#">TRENDS COGN SCI</a> 16 (12): 606-617 DEC 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3507158/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3507158/</a>	13
45.	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	Most reported genetic associations with general intelligence are probably false positives	<a href="#">PSYCHOL SCI</a> 23 (11): 1314-1323 NOV 2012 <a href="https://files.nyu.edu/dac12/public/ChabrisPsychologicalScience2012.pdf">https://files.nyu.edu/dac12/public/ChabrisPsychologicalScience2012.pdf</a>	12

	基因而已			
46.	高育龄与自闭症风险增加	Advancing maternal age is associated with increasing risk for autism: a review and meta-analysis	<a href="#">J AMER ACAD CHILD ADOLESC PSY</a> 51 (5): 477-486 MAY 2012 <a href="http://www.jaacap.com/article/S0890-8567(12)00144-X/abstract">http://www.jaacap.com/article/S0890-8567(12)00144-X/abstract</a>	12
47.	情感和焦虑障碍的情绪调节功能失调模型	Emotion dysregulation model of mood and anxiety disorders	<a href="#">DEPRESS ANXIETY</a> 29 (5): 409-416 MAY 2012 <a href="http://onlinelibrary.wiley.com/doi/10.1002/da.21888/abstract">http://onlinelibrary.wiley.com/doi/10.1002/da.21888/abstract</a>	12
48.	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	<a href="#">SCHIZOPHRENIA BULL</a> 39 (2): 306-318 MAR 2013 <a href="http://schizophreniabulletin.oxfordjournals.org/content/39/2/306.abstract">http://schizophreniabulletin.oxfordjournals.org/content/39/2/306.abstract</a>	11
49.	抑郁复发	Recurrence of depression after bereavement-related depression evidence for the validity of DSM-IV bereavement exclusion from the epidemiologic catchment area study	<a href="#">J NERV MENT DIS</a> 200 (6): 480-485 JUN 2012 <a href="http://www.ncbi.nlm.nih.gov/pubmed/22652610">http://www.ncbi.nlm.nih.gov/pubmed/22652610</a>	11
50.	心理学研究的重复	Replications in psychology research: how often do they really occur?	<a href="#">PERSPECT PSYCHOL SCI</a> 7 (6): 537-542 NOV 2012 <a href="http://pps.sagepub.com/content/7/6/537.full.pdf">http://pps.sagepub.com/content/7/6/537.full.pdf</a>	11
51.	非药物干预方法治疗 ADHD	Nonpharmacological interventions for ADHD: Systematic review and meta-analyses of randomized controlled trials of dietary and psychological treatments	<a href="#">AMER J PSYCHIAT</a> 170 (3): 275-289 MAR 2013 <a href="http://ajp.psychiatryonline.org/article.aspx?articleid=1566975">http://ajp.psychiatryonline.org/article.aspx?articleid=1566975</a>	10
52.	大麻二酚(Cannabidiol)加强了大麻素	Cannabidiol enhances anandamide signaling and	<a href="#">TRANSL PSYCHIATR</a> 2: art. no.-e94 MAR	10

	(anandamide)信号并缓解了精神分裂症的精神病症状	alleviates psychotic symptoms of schizophrenia	2012 <a href="http://www.nature.com/tp/journal/v2/n3/full/tp201215a.html">http://www.nature.com/tp/journal/v2/n3/full/tp201215a.html</a>	
53.	错误相关的脑活动	What we've learned from mistakes: insights from error-related brain activity	CURR DIRECTIONS PSYCHOL SCI 21 (2): 101-106 APR 2012 <a href="http://cdp.sagepub.com/content/21/2/101.full.pdf">http://cdp.sagepub.com/content/21/2/101.full.pdf</a>	10
54.	塞来昔布 (Celecoxib) 辅助治疗对重症抑郁患者的疗效	Effect of Celecoxib add-on treatment on symptoms and serum IL-6 concentrations in patients with major depressive disorder: Randomized double-blind placebo-controlled study	J AFFECT DISORDERS 141 (2-3): 308-314 DEC 10 2012 <a href="http://linkinghub.elsevier.com/retrieve/pii/S0165-0327(12)00229-7">http://linkinghub.elsevier.com/retrieve/pii/S0165-0327(12)00229-7</a>	10
55.	使用回归来测量整体脸部加工	Using regression to measure holistic face processing reveals a strong link with face recognition ability	COGNITION 126 (1): 87-100 JAN 2013 <a href="http://www.sciencedirect.com/science/article/pii/S0010027712002041">http://www.sciencedirect.com/science/article/pii/S0010027712002041</a>	8
56.	DSM-5 在美国和加拿大的实地测试	DSM-5 field trials in the United States and Canada, part III: development and reliability testing of a cross-cutting symptom assessment for DSM-5	AMER J PSYCHIAT 170 (1): 71-82 JAN 2013 <a href="http://ajp.psychiatryonline.org/article.aspx?articleID=1387907">http://ajp.psychiatryonline.org/article.aspx?articleID=1387907</a>	8
57.	认知功能障碍和焦虑-冲动人格特质是药物依赖的内表型	Cognitive dysfunction and anxious-impulsive personality traits are endophenotypes for drug dependence	AMER J PSYCHIAT 169 (9): 926-936 SEP 2012 <a href="http://ajp.psychiatryonline.org/article.aspx?articleid=1356975">http://ajp.psychiatryonline.org/article.aspx?articleid=1356975</a>	8
58.	青春期应激	Stress in puberty unmasks latent neuropathological consequences of prenatal immune activation in mice	SCIENCE 339 (6123): 1095-1099 MAR 1 2013 <a href="http://www.sciencemag.org/content/339/6">http://www.sciencemag.org/content/339/6</a>	7

			<a href="#">123/1095.full</a>	
59.	指压疗法用于青少年失眠症	Acupressure therapy for insomnia in adolescents: a polysomnographic study	NEUROPSYCHIATR DIS TREAT 9: 157-162 2013 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3559075/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3559075/</a>	7
60.	患病父母与孩子的互动	Parenting interactions with children: checklist of observations linked to outcomes (PICCOLO) in diverse ethnic groups	INFANT MENT HEALTH J 34 (4): 290-306 JUL 2013 <a href="http://onlinelibrary.wiley.com/doi/10.1002/imhj.21389/abstract">http://onlinelibrary.wiley.com/doi/10.1002/imhj.21389/abstract</a>	7
61.	难治性单相抑郁持续缓解中脑容量的增加	Brain-volume increase with sustained remission in patients with treatment-resistant unipolar depression	J CLIN PSYCHIAT 73 (5): 625-631 MAY 2012 <a href="http://www.ncbi.nlm.nih.gov/pubmed/22394416">http://www.ncbi.nlm.nih.gov/pubmed/22394416</a>	7
62.	工作记忆训练后没有证据表明智力有提高	No evidence of intelligence improvement after working memory training: A randomized, placebo-controlled study	J EXP PSYCHOL-GEN 142 (2): 359-379 MAY 2013 <a href="http://psycnet.apa.org/journals/xge/142/2/359/">http://psycnet.apa.org/journals/xge/142/2/359/</a>	6
63.	与丧亲有关的抑郁	Normal vs. Disordered bereavement-related depression: Are the differences real or tautological?	ACTA PSYCHIAT SCAND 127 (2): 159-168 FEB 2013 <a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0447.2012.01898.x/abstract">http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0447.2012.01898.x/abstract</a>	6
64.	在健康和教育上社会阶层的不公	Social class disparities in health and education: reducing inequality by applying a sociocultural self model of behavior	PSYCHOL REV 119 (4): 723-744 OCT 2012 <a href="http://www.kellogg.northwestern.edu/faculty/stephens/htm/docs/Social%20class%20disparities%20in%20health%20and%20education.pdf">http://www.kellogg.northwestern.edu/faculty/stephens/htm/docs/Social%20class%20disparities%20in%20health%20and%20education.pdf</a>	6
65.	基于实践和基于远程医疗的抑郁症的	Practice-based versus telemedicine-based	AMER J PSYCHIAT 170 (4): 414-425 APR	5

	合作护理	collaborative care for depression in rural federally qualified health centers: A pragmatic randomized comparative effectiveness trial	2013 <a href="http://ajp.psychiatryonline.org/article.aspx?articleid=1654939">http://ajp.psychiatryonline.org/article.aspx?articleid=1654939</a>	
66.	细胞因子在脑中的靶标	Cytokine targets in the brain: Impact on neurotransmitters and neurocircuits	DEPRESS ANXIETY 30 (4): 297-306 APR 2013 <a href="http://onlinelibrary.wiley.com/doi/10.1002/da.22084/abstract">http://onlinelibrary.wiley.com/doi/10.1002/da.22084/abstract</a>	5
67.	未来构想和行为改变	Future thought and behaviour change	EUR REV SOC PSYCHOL 23 (1): 1-63 MAR 1 2013 <a href="http://psych.nyu.edu/oettingen/Oettingen,%20G.%20(2012).%20In%20W.%20Stroebe%20&amp;%20M.%20Hewstone.pdf">http://psych.nyu.edu/oettingen/Oettingen,%20G.%20(2012).%20In%20W.%20Stroebe%20&amp;%20M.%20Hewstone.pdf</a>	5
68.	瑜伽冥想	A pilot study of yogic meditation for family dementia caregivers with depressive symptoms: Effects on mental health, cognition, and telomerase activity	INT J GERIAT PSYCHIAT 28 (1): 57-65 JAN 2013 <a href="http://onlinelibrary.wiley.com/doi/10.1002/gps.3790/full">http://onlinelibrary.wiley.com/doi/10.1002/gps.3790/full</a>	5
69.	父亲与孩子的养育互动	Dads' parenting interactions with children: checklist of observations linked to outcomes (PICCOLO-D)	INFANT MENT HEALTH J 34 (4): 339-351 JUL 2013 <a href="http://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2200&amp;context=etd">http://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2200&amp;context=etd</a>	5
70.	在婴儿心理健康实践中 PICCOLO 的实施	Implementation of the PICCOLO in infant mental health practice: A case study	INFANT MENT HEALTH J 34 (4): 352-358 JUL 2013 <a href="http://onlinelibrary.wiley.com/doi/10.1002/imhj.21395/abstract">http://onlinelibrary.wiley.com/doi/10.1002/imhj.21395/abstract</a>	5
71.	原发性夜遗尿症是睡眠障碍的风险因素	Primary nocturnal enuresis as a risk factor for sleep disorders: an observational questionnaire-based multicenter study	NEUROPSYCHIATR DIS TREAT 9: 437-443 2013 <a href="http://www.dovepress.com/primary-noctur">http://www.dovepress.com/primary-noctur</a>	4

			<a href="#">nal-enuresis-as-a-risk-factor-for-sleep-disorders-an-obs-peer-reviewed-article-NDT</a>	
72.	We-mode 中的社会认知	Social cognition in the we-mode	<a href="#">TRENDS COGN SCI</a> 17 (4): 160-165 APR 2013 <a href="http://www.cell.com/trends/cognitive-sciences/abstract/S1364-6613(13)00041-7">http://www.cell.com/trends/cognitive-sciences/abstract/S1364-6613(13)00041-7</a>	4
73.	我们无法意识到自己的决策过程,但是可以通过一些特殊的心理活动来获取	A gap in Nisbett and Wilson's findings? A first-person access to our cognitive processes	<a href="#">CONSCIOUS COGN</a> 22 (2): 654-669 JUN 2013 <a href="http://www.sciencedirect.com/science/article/pii/S1053810013000275">http://www.sciencedirect.com/science/article/pii/S1053810013000275</a>	4
74.	关于 PSY-5 与 PID-5 的重合	On the convergence between PSY-5 domains and PID-5 domains and facets: Implications for assessment of DSM-5 personality traits	<a href="#">ASSESSMENT</a> 20 (3): 286-294 JUN 2013 <a href="http://asm.sagepub.com/content/20/3/286.abstract">http://asm.sagepub.com/content/20/3/286.abstract</a>	4
75.	认知行为治疗与焦虑障碍	Cognitive behavior therapy targeting intolerance of uncertainty: Application to a clinical case of generalized anxiety disorder	<a href="#">COGN BEHAV PRACT</a> 20 (3): 251-263 AUG 2013 <a href="http://www.sciencedirect.com/science/article/pii/S1077722912001071">http://www.sciencedirect.com/science/article/pii/S1077722912001071</a>	4
76.	精神分析师对分析的厌恶	The analyst's hatred of analysis	<a href="#">PSYCHOANAL QUART</a> 82 (1): 89-114 JAN 2013 <a href="http://onlinelibrary.wiley.com/doi/10.1002/j.2167-4086.2013.00010.x/pdf">http://onlinelibrary.wiley.com/doi/10.1002/j.2167-4086.2013.00010.x/pdf</a>	4
77.	多响应轶事评估 (Multiple-responder anecdotal assessments)	Multiple-responder anecdotal assessments: an analysis of interrater agreement and correspondence with analogue assessment outcomes	<a href="#">J APPL BEHAV ANAL</a> 45 (4): 779-795 WIN 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC23322932/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC23322932/</a>	4
78.	来自墨西哥的家庭中的母女冲突和调	Mother-daughter conflict and adjustment in	<a href="#">NEW DIR CHILD ADOLES DEVELOP</a> 135:	4

	节	Mexican-origin families: Exploring the role of family and sociocultural context	59-81 2012 <a href="http://onlinelibrary.wiley.com/doi/10.1002/cd.20004/abstract">http://onlinelibrary.wiley.com/doi/10.1002/cd.20004/abstract</a>	
79.	抑郁的行为活动治疗和药物治疗	Behavioural activation v. Antidepressant medication for treating depression in Iran: randomised trial	BRIT J PSYCHIAT 202 (3): 204-211 MAR 2013 <a href="http://bjp.rcpsych.org/content/202/3/204.abstract">http://bjp.rcpsych.org/content/202/3/204.abstract</a>	3
80.	翻译和改编测验的指导原则	International test commission guidelines for test translation and adaptation: second edition	PSICOTHEMA 25 (2): 151-157 MAY 2013 <a href="http://www.intestcom.org/upload/sitefiles/40.pdf">http://www.intestcom.org/upload/sitefiles/40.pdf</a>	3



表 2: ESI 2013 年 11 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.	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 <a href="http://brain.oxfordjournals.org/content/134/9/2456.long">http://brain.oxfordjournals.org/content/134/9/2456.long</a>	154
2.	通过文献综述、对现有数据再分析和国家调查(National surveys)等多种方法对 2010 年欧盟 (European Union ,EU)精神疾病和神经系统疾病的流行程度和疾病负担进行研究,以期对基础、临床和公共健康研究及政策制定提供帮助	The size and burden of mental disorders and other disorders of the brain in Europe 2010	EUR NEUROPSYCHOPHARMACOL 21 (9): 655-679 SEP 2011 <a href="http://linkinghub.elsevier.com/retrieve/pii/S0924-977X(11)00172-6">http://linkinghub.elsevier.com/retrieve/pii/S0924-977X(11)00172-6</a>	153
3.	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 <a href="http://www.nature.com/nature/journal/v477/n7363/full/nature10360.html">http://www.nature.com/nature/journal/v477/n7363/full/nature10360.html</a>	134
4.	综述:催产素和血管加压素在调节复杂社会认知与行为中的作用,以及在自闭症、精神分裂症等以社会功能障碍为临床症状的精神疾患治疗中作为干预靶点的可能性	Oxytocin and vasopressin in the human brain: social neuropeptides for translational medicine	NAT REV NEUROSCI 12 (9): 524-538 SEP 2011 <a href="http://www.nature.com/nrn/journal/v12/n9/full/nrn3044.html">http://www.nature.com/nrn/journal/v12/n9/full/nrn3044.html</a>	125
5.	静息态功能连接 MRI (Resting state functional connectivity MRI, rs-fcMRI) 中被试头动 (Subject motion) 致使出现系统性但是假的相关结果,并验证可修正这一结	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion	NEUROIMAGE 59 (3): 2142-2154 FEB 1 2012 <a href="http://www.sciencedirect.com/science/article/pii/S1053811911011815">http://www.sciencedirect.com/science/article/pii/S1053811911011815</a>	124

	果的方法的有效性			
6.	以载脂蛋白 E 为靶标的治疗可在数小时内清除可溶性 A $\beta$ 同时翻转 AD 小鼠模型多种缺陷(如认知、社会及嗅觉功能)以及改善神经环路功能	ApoE-directed therapeutics rapidly clear beta-amyloid and reverse deficits in AD mouse models	SCIENCE 335 (6075): 1503-1506 MAR 23 2012 <a href="http://www.sciencemag.org/content/335/6075/1503">http://www.sciencemag.org/content/335/6075/1503</a>	111
7.	tau 蛋白相关致病机制 (阿尔茨海默病)	Propagation of tau pathology in a model of early Alzheimer's disease	NEURON 73 (4): 685-697 FEB 23 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3292759/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3292759/</a>	101
8.	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变: 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 <a href="http://www.nature.com/nrn/journal/v12/n12/glossary/nrn3114.html">http://www.nature.com/nrn/journal/v12/n12/glossary/nrn3114.html</a>	100
9.	毒性 A $\beta$ 寡聚体 (Toxic A $\beta$ 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 <a href="http://www.nature.com/neuro/journal/v15/n3/full/nn.3028.html">http://www.nature.com/neuro/journal/v15/n3/full/nn.3028.html</a>	88
10.	利用静息态功能连接 MRI 考察人类大脑网络组织架构, 结果显示感觉和运动皮层存在局部网络, 而联合区 (Association regions) 则联系松散	The organization of the human cerebral cortex estimated by intrinsic functional connectivity	J NEUROPHYSIOL 106 (3): 1125-1165 SEP 2011 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3174820/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3174820/</a>	83
11.	成瘾中前额叶皮质的功能障碍	Dysfunction of the prefrontal cortex in addiction: neuroimaging findings and clinical implications	NAT REV NEUROSCI 12 (11): 652-669 NOV 2011 <a href="http://www.nature.com/nrn/journal/v12/n11/full/nrn3119.html">http://www.nature.com/nrn/journal/v12/n11/full/nrn3119.html</a>	67
12.	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 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/">http://www.ncbi.nlm.nih.gov/pmc/articles/</a>	66

			<a href="#">PMC3619976/</a>	
13.	成神经管细胞瘤目前存在的四种主要分子亚型及其在人口学特征、遗传学和临床特点等方面的异同	Molecular subgroups of medulloblastoma: the current consensus	ACTA NEUROPATHOL 123 (4): 465-472 APR 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3306779/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3306779/</a>	63
14.	综述:通过评估灵长类大脑皮层不同脑区神经元震荡之间的相关性,讨论认知加工中不同脑区之间的交互作用	Spectral fingerprints of large-scale neuronal interactions	NAT REV NEUROSCI 13 (2): 121-134 FEB 2012 <a href="http://www.markussiegel.net/download/siegel_nrn_2012.pdf">http://www.markussiegel.net/download/siegel_nrn_2012.pdf</a>	62
15.	提出两个全脑功能连接组织图	Microglia sculpt postnatal neural circuits in an activity and complement-dependent manner	NEURON 74 (4): 691-705 MAY 24 2012 <a href="http://www.sciencedirect.com/science/article/pii/S0896627312003340">http://www.sciencedirect.com/science/article/pii/S0896627312003340</a>	62
16.	出生后神经发育和老化中受 5-hmc 调节的表观动力学	5-hmc-mediated epigenetic dynamics during postnatal neurodevelopment and aging	NAT NEUROSCI 14 (12): 1607-U150 DEC 2011 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3292193/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3292193/</a>	62
17.	美国国家衰老研究所 (National Institute of Aging) 与阿尔茨海默症学会 (Alzheimer's Association) 联合发布 AD 神经病理评估与实践操作指南	National institute on aging-Alzheimer's association guidelines for the neuropathologic assessment of Alzheimer's disease: a practical approach	ACTA NEUROPATHOL 123 (1): 1-11 JAN 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3268003/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3268003/</a>	60
18.	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 <a href="http://www.neuroscience.cam.ac.uk/Uploads/nrn%20bullmore%20sporns%202012.pdf">http://www.neuroscience.cam.ac.uk/Uploads/nrn%20bullmore%20sporns%202012.pdf</a>	60
19.	人脑连接组学的 Rich-club 组织	Rich-club organization of the human	J NEUROSCI 31 (44): 15775-15786 NOV 2	59

		connectome	2011 <a href="http://www.indiana.edu/~neurosci/beta/publications/Sporns.pdf">http://www.indiana.edu/~neurosci/beta/publications/Sporns.pdf</a>	
20.	综述:细胞外电场和电信号的起源	The origin of extracellular fields and currents - EEG, ECOG, LFP and spikes	NAT REV NEUROSCI 13 (6): 407-420 JUN 2012 <a href="http://www.nature.com/nrn/journal/v13/n6/full/nrn3241.html">http://www.nature.com/nrn/journal/v13/n6/full/nrn3241.html</a>	54
21.	抑郁的谷氨酸假设	Towards a glutamate hypothesis of depression: An emerging frontier of neuropsychopharmacology for mood disorders	NEUROPHARMACOLOGY 62 (1): 63-77 Sp. Iss. SI JAN 2012 <a href="http://europepmc.org/articles/PMC3205453/reload=1;jsessionid=P0LgGz0XOR63gMlroKYw.38">http://europepmc.org/articles/PMC3205453/reload=1;jsessionid=P0LgGz0XOR63gMlroKYw.38</a>	51
22.	正态化: 作为一种经典的神经计算方法	Normalization as a canonical neural computation	NAT REV NEUROSCI 13 (1): 51-62 JAN 2012 <a href="http://www.cns.nyu.edu/heegerlab/content/publications/Carandini-NRN2012.pdf">http://www.cns.nyu.edu/heegerlab/content/publications/Carandini-NRN2012.pdf</a>	46
23.	成神经管细胞瘤目前存在的四种主要分子亚型及其在人口学特征、遗传学和临床特点等方面的异同	Molecular subgroups of medulloblastoma: An international meta-analysis of transcriptome, genetic aberrations, and clinical data of WNT, SHH, group 3, and group 4 medulloblastomas	ACTA NEUROPATHOL 123 (4): 473-484 APR 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/22358457/">http://www.ncbi.nlm.nih.gov/pmc/articles/22358457/</a>	46
24.	灰质和白质的可塑性	Plasticity in gray and white: neuroimaging changes in brain structure during learning	NAT NEUROSCI 15 (4): 528-536 APR 2012 <a href="http://www.nature.com/neuro/journal/v15/n4/full/nn.3045.html">http://www.nature.com/neuro/journal/v15/n4/full/nn.3045.html</a>	45
25.	基因编码的钙指标(Genetically encoded	Optimization of a GCaMP calcium indicator	J NEUROSCI 32 (40): 13819-13840 OCT 3	42

	calcium indicators)的更新换代对在体神经元活动成像的推动:从 GCaMP3 到 GCaMP5	for neural activity imaging	2012 <a href="http://www.jneurosci.org/content/32/40/13819.full">http://www.jneurosci.org/content/32/40/13819.full</a>	
26.	氯胺酮在双相障碍中抗抑郁效果的重复试验	Replication of ketamine's antidepressant efficacy in bipolar depression: a randomized controlled add-on trial	BIOL PSYCHIAT 71 (11): 939-946 JUN 1 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3343177/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3343177/</a>	39
27.	$\alpha$ -synuclein 蛋白的病理性传递诱发非转基因大鼠的帕金森氏神经退行	Pathological alpha-synuclein transmission initiates Parkinson-like neurodegeneration in nontransgenic mice	SCIENCE 338 (6109): 949-953 NOV 16 2012 <a href="http://www.sciencemag.org/content/338/6109/949.full">http://www.sciencemag.org/content/338/6109/949.full</a>	38
28.	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 <a href="http://www.annualreviews.org/doi/full/10.1146/annurev-neuro-060909-153128?url_ver=Z39.88-2003&amp;rfr_id=ori:rid:crossref.org&amp;rfr_dat=cr_pub%3dpubmed&amp;">http://www.annualreviews.org/doi/full/10.1146/annurev-neuro-060909-153128?url_ver=Z39.88-2003&amp;rfr_id=ori:rid:crossref.org&amp;rfr_dat=cr_pub%3dpubmed&amp;</a>	37
29.	在强化中纹状体神经元直接通路和间接通路	Distinct roles for direct and indirect pathway striatal neurons in reinforcement	NAT NEUROSCI 15 (6): 816-U23 JUN 2012 <a href="http://www.nature.com/neuro/journal/v15/n6/full/nn.3100.html">http://www.nature.com/neuro/journal/v15/n6/full/nn.3100.html</a>	37
30.	反义寡核苷酸(Antisense oligonucleotides, ASOs)封闭啮齿类和非人灵长类中枢 huntingti 基因表达, 逆转亨廷顿氏舞蹈症	Sustained therapeutic reversal of Huntington's disease by transient repression of huntingtin synthesis	NEURON 74 (6): 1031-1044 JUN 21 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC22726834/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC22726834/</a>	34
31.	经颅直流电刺激 (tDCS) 的临床研究	Clinical research with transcranial direct current stimulation (tDCS): Challenges and future directions	BRAIN STIMUL 5 (3): 175-195 JUL 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC22037126/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC22037126/</a>	27

32.	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 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3743085/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3743085/</a>	24
33.	通过对艾伦人脑图谱库(Allen human brain atlas)公开数据进行分析, 发现人类个体大脑具有基本相同的分子遗传蓝图, 且拥有巨大的生物化学复杂性	An anatomically comprehensive atlas of the adult human brain transcriptome	NATURE 489 (7416): 391-399 SEP 20 2012 <a href="http://www.nature.com/nature/journal/v489/n7416/full/nature11405.html">http://www.nature.com/nature/journal/v489/n7416/full/nature11405.html</a>	24
34.	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 <a href="https://www.sciencemag.org/content/338/6103/68">https://www.sciencemag.org/content/338/6103/68</a>	23
35.	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 <a href="http://www.nature.com/nature/journal/v491/n7423/full/nature11527.html">http://www.nature.com/nature/journal/v491/n7423/full/nature11527.html</a>	23
36.	人脑连接组计划	The human connectome project: a data acquisition perspective	NEUROIMAGE 62 (4): 2222-2231 Sp. Iss. SI OCT 1 2012 <a href="http://www.sciencedirect.com/science/article/pii/S1053811912001954">http://www.sciencedirect.com/science/article/pii/S1053811912001954</a>	23
37.	综述: 利用 PET 和 fMRI 研究与听语言 (Heard speech)、口语(Spoken language, 或出声语言)和阅读有关的脑区	A review and synthesis of the first 20 years of PET and fMRI studies of heard speech, spoken language and reading	NEUROIMAGE 62 (2): 816-847 Sp. Iss. SI AUG 15 2012 <a href="http://ling.umd.edu/~ellenlau/courses/ling646/Price_2012.pdf">http://ling.umd.edu/~ellenlau/courses/ling646/Price_2012.pdf</a>	22
38.	皮层抑制网络	Division and subtraction by distinct cortical inhibitory networks in vivo	NATURE 488 (7411): 343-348 AUG 16 2012 <a href="http://www.nature.com/nature/journal/v488/n7411/full/nature11347.html">http://www.nature.com/nature/journal/v488/n7411/full/nature11347.html</a>	21
39.	用 perampanel 治疗难治性局灶发作癫	Evaluation of adjunctive perampanel in	EPILEPSIA 54 (1): 117-125 JAN 2013	19

	痫(Refractory partial-onset seizures)	patients with refractory partial-onset seizures: results of randomized global phase iii study 305	<a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1528-1167.2012.03638.x/abstract">http://onlinelibrary.wiley.com/doi/10.1111/j.1528-1167.2012.03638.x/abstract</a>	
40.	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 <a href="http://brain.oxfordjournals.org/content/early/2012/12/02/brain.aws307.full">http://brain.oxfordjournals.org/content/early/2012/12/02/brain.aws307.full</a>	18
41.	刺激自体吞噬减少神经退化	Stimulation of autophagy reduces neurodegeneration in a mouse model of human tauopathy	BRAIN 135: 2169-2177 Part 7 JUL 2012 <a href="http://brain.oxfordjournals.org/content/135/7/2169.long">http://brain.oxfordjournals.org/content/135/7/2169.long</a>	18
42.	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 <a href="http://www.sciencedirect.com/science/article/pii/B9780444538390000016">http://www.sciencedirect.com/science/article/pii/B9780444538390000016</a>	18
43.	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 <a href="https://www.cell.com/neuron/abstract/S0896-6273(13)00135-9?switch=standard">https://www.cell.com/neuron/abstract/S0896-6273(13)00135-9?switch=standard</a>	16
44.	精神分裂症, 脑成像与连接组学	Schizophrenia, neuroimaging and connectomics	NEUROIMAGE 62 (4): 2296-2314 Sp. Iss. SI OCT 1 2012 <a href="http://people.eng.unimelb.edu.au/azalesky/ni12c.pdf">http://people.eng.unimelb.edu.au/azalesky/ni12c.pdf</a>	16
45.	感觉与动作输入的整合	Nonlinear dendritic integration of sensory and motor input during an active sensing task	NATURE 492 (7428): 247-+ DEC 13 2012 <a href="https://openwiki.janelia.org/wiki/download/attachments/4620357/Xu,+Harnett,+Williams,+Huber,+Oconnor,+Svoboda,+Magee+(2012).pdf?version=1&amp;modificationDate=1372880170000">https://openwiki.janelia.org/wiki/download/attachments/4620357/Xu,+Harnett,+Williams,+Huber,+Oconnor,+Svoboda,+Magee+(2012).pdf?version=1&amp;modificationDate=1372880170000</a>	16
46.	突触: 替罪羊, 破坏者, 或是其他?	Microglia: scapegoat, saboteur, or	SCIENCE 339 (6116): 156-161 JAN 11	14

		something else?	2013 <a href="http://www.usz.ch/SiteCollectionDocuments/Medienmitteilungen/130111_microglia.pdf">http://www.usz.ch/SiteCollectionDocuments/Medienmitteilungen/130111_microglia.pdf</a>	
47.	静息功能连接数据的预处理	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data	NEUROIMAGE 64: 240-256 JAN 1 2013 <a href="http://www.sciencedirect.com/science/article/pii/S1053811912008609">http://www.sciencedirect.com/science/article/pii/S1053811912008609</a>	14
48.	检验力失败：为什么小样本损害了神经科学的信度	Power failure: why small sample size undermines the reliability of neuroscience	NAT REV NEUROSCI 14 (5): 365-376 MAY 2013 <a href="http://www.nature.com/nrn/journal/v14/n5/full/nrn3475.html">http://www.nature.com/nrn/journal/v14/n5/full/nrn3475.html</a>	13
49.	NLRP3 与阿尔兹海默症	NLRP3 is activated in Alzheimer's disease and contributes to pathology in APP/PS1 mice	NATURE 493 (7434): 674-+ JAN 31 2013 <a href="http://www.nature.com/nature/journal/vaop/ncurrent/full/nature11729.html">http://www.nature.com/nature/journal/vaop/ncurrent/full/nature11729.html</a>	12
50.	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 <a href="http://www.nature.com/neuro/journal/v16/n3/full/nn.3318.html">http://www.nature.com/neuro/journal/v16/n3/full/nn.3318.html</a>	12
51.	视网膜的神经组织	The neuronal organization of the retina	NEURON 76 (2): 266-280 OCT 18 2012 <a href="http://www.sciencedirect.com/science/article/pii/S0896627312008835">http://www.sciencedirect.com/science/article/pii/S0896627312008835</a>	12
52.	在 tau 病小鼠模型中合成 tau 原纤维调节神经元纤维缠结的传递	Synthetic tau fibrils mediate transmission of neurofibrillary tangles in a transgenic mouse model of Alzheimer's-like tauopathy	J NEUROSCI 33 (3): 1024-1037 JAN 16 2013 <a href="http://www.jneurosci.org/content/33/3/1024.full">http://www.jneurosci.org/content/33/3/1024.full</a>	11



53.	基因和童年创伤的交互作用	Allele-specific FKBP5 DNA demethylation mediates gene-childhood trauma interactions	NAT NEUROSCI 16 (1): 33-U59 JAN 2013 <a href="http://www.nature.com/neuro/journal/v16/n1/full/nn.3275.html">http://www.nature.com/neuro/journal/v16/n1/full/nn.3275.html</a>	10
54.	hnRNPA2B1 和 hnRNPA1 的变异导致多系统蛋白质病变与 ALS	Mutations in prion-like domains in hnRNPA2B1 and hnRNPA1 cause multisystem proteinopathy and ALS	NATURE 495 (7442): 467-+ MAR 28 2013 <a href="http://www.nature.com/nature/journal/v495/n7442/full/nature11922.html">http://www.nature.com/nature/journal/v495/n7442/full/nature11922.html</a>	9
55.	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 <a href="http://www.sciencedirect.com/science/article/pii/S0896627312011208">http://www.sciencedirect.com/science/article/pii/S0896627312011208</a>	9
56.	头微动 (head micromovements) 对功能连接组学的影响	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics	NEUROIMAGE 76 (1): 183-201 AUG 1 2013 <a href="http://www.sciencedirect.com/science/article/pii/S1053811913002127">http://www.sciencedirect.com/science/article/pii/S1053811913002127</a>	7
57.	TRAK/Milton 运动接头蛋白	TRAK/Milton motor-adaptor proteins steer mitochondrial trafficking to axons and dendrites	NEURON 77 (3): 485-502 FEB 6 2013 <a href="http://www.cell.com/neuron/retrieve/pii/S0896627312010422">http://www.cell.com/neuron/retrieve/pii/S0896627312010422</a>	6
58.	老年痴呆症的金属离子稳态失衡和氧应激	Metal dyshomeostasis and oxidative stress in Alzheimer's disease	NEUROCHEM INT 62 (5): 540-555 Sp. Iss. SI APR 2013 <a href="http://www.sciencedirect.com/science/article/pii/S0197018612002811">http://www.sciencedirect.com/science/article/pii/S0197018612002811</a>	6
59.	mTOR 调节癫痫发作	mTOR inhibition modulates epileptogenesis, seizures and depressive behavior in a genetic rat model of absence epilepsy	NEUROPHARMACOLOGY 69: 25-36 Sp. Iss. SI JUN 2013 <a href="http://www.sciencedirect.com/science/article/pii/S0028390812004923">http://www.sciencedirect.com/science/article/pii/S0028390812004923</a>	5
60.	海马的地点细胞	Hippocampal place-cell sequences depict	NATURE 497 (7447): 74-U104 MAY 2	3

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		future paths to remembered goals	2013 <a href="http://www.nature.com/nature/journal/v497/n7447/full/nature12112.html">http://www.nature.com/nature/journal/v497/n7447/full/nature12112.html</a>	
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