ESI 中心理学及相关领域热点论文信息推送

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中国科学院心理研究所信息中心

本期编者：王玮 陈晶
北京市朝阳区林萃路 16 号院
电话：010-64855884

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邮编：100101
邮箱：xinxizhongxin@psych.ac.cn

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——基于 2015 年 1 月更新数据

ESI（Essential Science Indicators）热点论文指近两年内发表的在近两个月内被引次数高居前千分之一的 SCI/SSCI 文章，即最近两个月内最受关注的文章。

本期入榜文章是 2012 年 8 月至 2014 年 8 月发表的文章中，在 2014 年 9 月和 10 月两个月内被引次数排名前千分之一的文章。数据更新时间为 2015 年 1 月 7 日。

本期 ESI 发布精神病学/心理学领域的热点文章 67 篇，其中首次入榜文章 44 篇。单篇最高被引 154 次，最低被引 3 次。首次入榜的 44 篇中单篇最高被引为 47 次。被引 154 次的文章由苏格兰格拉斯哥大学神经科学与心理学研究所（Institute of Neuroscience and Psychology，University of Glasgow）的 Dale J. Barr 等人发表在 *Journal of Memory and Language* 上，标题为“Random effects structure for confirmatory hypothesis testing: keep it maximal”，关于线性混合效应模型（Linear mixed-effects models，LMEMs）与随机效应（Random effects），在上期同样位居热点论文榜首。首次入榜的 44 篇中单篇最高被引 47 次的文章，由伦敦国王学院儿童青少年精神病系（Department of Child and Adolescent Psychiatry，King's College London）的 Rubia, K 等人合作发表在 *JAMA PSYCHIATRY* 上，标题为“Meta-analysis of functional magnetic resonance imaging studies of inhibition and attention in attention-deficit/hyperactivity disorder exploring task-specific, stimulant medication, and age effects”，关于 ADHD 患儿执行抑制和注意任务时 fMRI 研究的元分析。

就研究主题而言，除精神分裂症、抑郁、双相障碍、自闭症和注意缺陷多动障碍等长期入榜之外，另有首次入榜主题和文章值得关注，如：

1-18：阴性症状临床评估面试（Clinical assessment interview for negative symptoms，CAINS）；

1-28：有关视觉工作记忆容量的综述；

1-35：刻板印象威胁（Stereotype threat）；

1-43：黑暗三合一（Dark triad）人格组合；

1-45：预测创造力（Creativity）的新模型；

1-48：关于欺骗与欺骗觉察的新理论——真相缺省理论（Truth-default theory，TDT)；

1-66：工作记忆与流体智力（Fluid intelligence）。

该领域所有热点文章的详细信息请见附表 1（按文章被引次数排列）。

本期发布神经科学与行为领域热点文章 92 篇，其中首次入榜文章 44 篇。单篇最高被引 281 次，最低被引 3 次。被引 281 次的文章由美国心脏协会卒中委员会（Stroke Council of the American Heart Association）等团体作者发表在 *Stroke* 上，标题为“Guidelines for the early management of patients with acute ischemic stroke a guideline for healthcare professionals from the American heart association/American stroke association”，关于由美国心脏病协会/美国卒中协会提出的急性缺血性脑卒中（Acute ischemic stroke）的早期干预方针，已经连续 3 期位居该领域热点论文榜首。首次入榜的 44 篇中单篇最高被引 53 次的文章是加州大学洛杉矶大卫格芬医学院（David Geffen School of Medicine，University of California, Los Angeles）的 Christopher C. Giza 等人的工作，发表在 *NEUROLOGY* 上，标题为“Summary of evidence-based guideline update: evaluation and management of concussion in sports report of the guideline development subcommittee of the American academy of neurology”，关于运动相关脑震荡(Sports concussion)评估与诊断的新版指南。

就研究主题而言，除肌萎缩性脊髓侧索硬化症和多发性硬化症等神经系统疾病、阿尔茨海默症等神经系统退行性病和神经系统发育等长期入榜的主题之外，另有首次入榜的主题和文章值得关注，如：

2-37：关于钠离子通道 NaV1.7 与痛觉信号传导的综述；

2-41：从第二者（Second-person）角度出发研究社会神经科学；

2-56：星形胶质细胞通过选择性地除去突触修整了神经细胞回路；

2-61：关于结构与功能脑网络的综述；

2-62：基底前脑胆碱能神经元快速调节皮层活动性和视知觉；

2-63： GDF11 蛋白可逆转小鼠衰老迹象；

2-65：关于自闭症谱系障碍与智障（Intellectual disability）共享功能通路改变的综述；

2-79： Suvorexant（通过拮抗中枢食欲素 orexin 受体而增加实验动物及健康成年人的睡眠）治疗慢性失眠的安全性与有效性；

2-84：动物学习分类不同圆点图案时来自纹状体和前额叶的脑波变成同步的；

2-90：阅读障碍（Dyslexia）。

该领域所有热点文章的详细信息请见附表 2（按文章被引次数排列）。

附表 1：ESI 2015 年 1 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或领域；黑色在往期亦是热点文章。

序号	文章主题	题目	通讯作者及单位	出处及原文或摘要链接	单篇被引
1	线性混合效应模型（Linear mixed-effects models，LMEMs）与随机效应（Random effects）	Random effects structure for confirmatory hypothesis testing: keep it maximal	Barr, DJ Univ Glasgow, Inst Neurosci & Psychol, Scotland.	J MEM LANG 68 (3): 255-278 APR 2013 http://www.sciencedirect.com/science/article/pii/S0749596X12001180	154
2	执行功能	Executive functions	Diamond, A Univ British Columbia, Dept Psychiat, Canada	ANNU REV PSYCHOL 64: 135-168 2013 http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-113011-143750	85
3	加拿大情绪和焦虑治疗网络（Canadian Network for Mood and Anxiety Treatments，CANMAT）	Canadian network for mood and anxiety treatments (CANMAT) and international society for bipolar	Yatham, LN Univ British Columbia, Dept Psychiat, Canada	BIPOLAR DISORD 15 (1): 1-44 FEB 2013 http://www.ncbi.nlm.nih.gov/pubmed/232	83

	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）	disorders (ISBD) collaborative update of canmat guidelines for the management of patients with bipolar disorder: update 2013		37061	
4	综述：精神疾病高危状态	The psychosis high-risk state a comprehensive state-of-the-art review	Fusar-Poli, P Inst Psychiat, Dept Psychosis Studies, England	JAMA PSYCHIATRY 70 (1): 107-120 JAN 2013 http://archpsyc.jamanetwork.com/article.aspx?articleid=1392281	83
5	元分析：工作记忆的训练是有效的吗？	Is working memory training effective? a meta-analytic review	Melby-Lervag, M Univ Oslo, Dept Special Needs Educ, Norway	DEVELOP PSYCHOL 49 (2): 270-291 FEB 2013 http://www.apa.org/pubs/journals/releases/dev-49-2-270.pdf	80
6	Alpha 波震荡	Alpha-band oscillations, attention, and controlled access to stored	Klimesch, W Salzburg Univ, Dept Physiol	TRENDS COGN SCI 16 (12): 606-617 DEC 2012	70

		information	Psychol, Austria.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3507158/	
7	肿瘤坏死因子拮抗剂英夫利昔单抗（Infliximab）治疗难治性抑郁症的随机对照试验	A randomized controlled trial of the tumor necrosis factor antagonist infliximab for treatment-resistant depression	Miller, AH Emory Univ, Sch Med, Dept Psychiat & Behav Sci, USA	JAMA PSYCHIATRY 70 (1): 31-41 JAN 2013 https://archpsyc.jamanetwork.com/multimediaPlayer.aspx?mediaid=5355369	68
8	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	Sonuga-Barke, EJS Univ Southampton, Dev Brain Behav Lab, Dept Psychol, England	AMER J PSYCHIAT 170 (3): 275-289 MAR 2013 http://ajp.psychiatryonline.org/article.aspx?articleid=1566975	65
9	行为改变干预（behavior change intervention）中的行为改变技术	The behavior change technique taxonomy (v1) of 93 hierarchically	Michie, S UCL, Res Dept Clin Educ &	ANN BEHAVIORAL MED 46 (1): 81-95 AUG 2013	56

	（behavior change techniques，BCTs）的阶层式结构分类系统（hierarchically structured taxonomy）	clustered techniques: building an international consensus for the reporting of behavior change interventions	Hlth Psychol, Ctr Outcomes Res Effectiveness, England	http://download.springer.com/static/pdf/212/art%253A10.1007%252Fs12160-013-9486-6.pdf?auth66=1400727697_666c8400dc76caff7cdceef7367e3566&ext=.pdf	
10	综述：健康和疾病状态下默认模式网络的失活	The role of default network deactivation in cognition and disease	Anticevic, A Yale Univ, Sch Med, Dept Psychiat, USA.	TRENDS COGN SCI 16 (12): 584-592 DEC 2012 http://www.sciencedirect.com/science/article/pii/S1364661312002446	55
11	格式塔心理学与视知觉	A century of gestalt psychology in visual perception: I. perceptual grouping and figure-ground organization	Wagemans, J Univ Leuven KU Leuven, Expt Psychol Lab, Belgium	PSYCHOL BULL 138 (6): 1172-1217 NOV 2012 http://psycnet.apa.org/index.cfm?fa=search.displayRecord&id=EC715252-9F66-A097-A85C-8A8BA3A6F4A2&resultID=1&page=1&dbTab=all&search=true	50

12	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	Redick, TS Indiana Univ Purdue Univ, Div Sci, USA	J EXP PSYCHOL-GEN 142 (2): 359-379 MAY 2013 http://psycnet.apa.org/journals/xge/142/2/359/	49
13	ADHD 患儿执行抑制和注意任务的 fMRI 研究：元分析	Meta-analysis of functional magnetic resonance imaging studies of inhibition and attention in attention-deficit/hyperactivity disorder exploring task-specific, stimulant medication, and age effects	Rubia, K Kings Coll London, Dept Child & Adolescent Psychiat, Inst Psychiat, Social Genet & Dev Psychiat Ctr, England	JAMA PSYCHIATRY 70 (2): 185-198 FEB 2013 http://www.ncbi.nlm.nih.gov/pubmed/23247506	47
14	综述：腹侧视觉通路	The ventral visual pathway: an expanded neural framework for the processing of object quality	Kravitz, DJ NIMH, Lab Brain & Cognit, NIH, USA	TRENDS COGN SCI 17 (1): 26-49 JAN 2013 http://www.sciencedirect.com/science/article/pii/S1364661312002471	44

15	综述：感觉运动同步	Sensorimotor synchronization: a review of recent research (2006-2012)	Repp, BH Haskins Labs Inc, USA.	PSYCHONOMIC BULL REV 20 (3): 403-452 JUN 2013 http://www.ncbi.nlm.nih.gov/pubmed/23397235	43
16	美国儿童、青少年和成人接受抗精神病处方药物治疗的现状	National trends in the office-based treatment of children, adolescents, and adults with antipsychotics	Olfson, M Columbia Univ, Coll Phys & Surg, New York State Psychiat Inst, Dept Psychiat, USA	ARCH GEN PSYCHIAT 69 (12): 1247-1256 DEC 2012 http://archpsyc.jamanetwork.com/article.aspx?articleid=1263977	42
17	美国青少年群体的自杀行为：来自美国全国青少年精神疾病流行病学调查(National Comorbidity Survey Replication Adolescent	Prevalence, correlates, and treatment of lifetime suicidal behavior among adolescents results from the national comorbidity	Nock, MK Harvard Univ, Dept Psychol, USA	JAMA PSYCHIATRY 70 (3): 300-310 MAR 2013 http://www.wjh.harvard.edu/~nock/nocklab/Nock%20et%20al_2013_JAMA_Psychi	37

	Supplement,NCS-A)的结果	survey replication adolescent supplement		atry.pdf	
18	阴性症状的临床评估面试（clinical assessment interview for negative symptoms，CAINS）	The clinical assessment interview for negative symptoms (CAINS): final development and validation	Kring, AM Univ Calif Berkeley, Dept Psychol, USA	AMER J PSYCHIAT 170 (2): 165-172 FEB 2013 http://www.ncbi.nlm.nih.gov/pubmed/23377637	36
19	双语优势（bilingual advantage）与执行功能（executive processing）	There is no coherent evidence for a bilingual advantage in executive processing	Paap, KR San Francisco State Univ, Dept Psychol, USA	COG PSYCHOL 66 (2): 232-258 MAR 2013 http://www.sciencedirect.com/science/article/pii/S0010028513000029	33
20	老年抑郁（late-life depression）患者发生血管性痴呆（vascular dementia）和阿尔茨海默症的几率：系统回顾与元分析	Late-life depression and risk of vascular dementia and Alzheimers disease: systematic review and meta-analysis of community-based cohort studies	Butters, MA Univ Pittsburgh, Sch Med, Dept Psychiat, USA	BRIT J PSYCHIAT 202 (5): 329-335 MAY 2013 http://bjp.rcpsych.org/content/202/5/329.full.pdf+html	30

21	自闭症儿童的注意力	Attention to eyes is present but in decline in 2-6-month-old infants later diagnosed with autism	Jones, W Childrens Healthcare Atlanta, Marcus Autism Ctr, USA	NATURE 504 (7480): 427-+ DEC 19 2013 http://www.nature.com/nature/journal/v504/n7480/full/nature12715.html	29
22	统计新实践	The new statistics: why and how	Cumming, G La Trobe Univ, Stat Cognit Lab, Sch Psychol Sci, Australia	PSYCHOL SCI 25 (1): 7-29 JAN 2014 http://pss.sagepub.com/content/25/1/7	28
23	产后抑郁研究现状与未来方向	Postpartum depression: current status and future directions	O'Hara, MW Univ Iowa, Dept Psychol, USA	ANNU REV CLIN PSYCHOL 9: 379-407 2013 http://www.annualreviews.org/doi/pdf/10.1146/annurev-clinpsy-050212-185612	27
24	综述：ADHD 治疗	Practitioner review: current best practice in the management of adverse events during treatment	Cortese, S NYU Child Study Ctr, Inst Pediat Neurosci, USA	J CHILD PSYCHOL PSYCHIAT 54 (3): 227-246 MAR 2013 http://www.ncbi.nlm.nih.gov/pubmed/232	26

		with ADHD medications in children and adolescents		94014	
25	综述：低频心率变异性（low frequency heart rate variability）	The utility of low frequency heart rate variability as an index of sympathetic cardiac tone: a review with emphasis on a reanalysis of previous studies	del Paso, GAR Univ Jaen, Dept Psicol, Jaen 23071, Spain	PSYCHOPHYSIOLOGY 50 (5): 477-487 MAY 2013 https://www.google.com.tw/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&ved=0CCcQFjAB&url=http%3a%2f%2fwww%2eresearchgate%2enet%2fpublication%2f235749070_The_utility_of_low_frequency_heart_rate_variability_as_an_index_of_sympathetic_cardiac_tone_A_review_with_emphasis_on_a_reanalysis_of_previous_studies%2flinks%2f00b49515d2ac3aeffe000000%2epdf&ei=g263VKTADsnIuATA9oGwCQ&usg=AFQjCNHZ1RLzIVkJy8bTMQuf64xewFKIbA&bvm=bv.83640239,d.dGY&cad=rjt	25

26	欧洲心血管疾病预防临床实践指导方针（2012 版）	European guidelines on cardiovascular disease prevention in clinical practice (version 2012)	Perk, J Linnaeus Univ, Sch Hlth & Caring Sci, Sweden	INT J BEHAVIORAL MEDICINE 19 (4): 403-488 DEC 2012 http://eurheartj.oxfordjournals.org/content/ehj/early/2012/05/02/eurheartj.ehs092.full.pdf	25
27	精神病性体验（psychotic experiences）：综述与元分析	An updated and conservative systematic review and meta-analysis of epidemiological evidence on psychotic experiences in children and adults: on the pathway from proneness to persistence to dimensional expression across mental disorders	van Os, J Maastricht Univ, EURON, Dept Psychiat & Psychol, South Limburg Mental Hlth Res & Teaching Network, Netherlands	PSYCHOL MED 43 (6): 1133-1149 JUN 2013 http://journals.cambridge.org/download.php?file=%2FPSM%2FPSM43_06%2FS0033291712001626a.pdf&code=c6687b8fed7b8c6a954f7b01a59f9543	24
28	综述：视觉工作记忆容量	Visual working memory capacity: from psychophysics and	Luck, SJ Univ Calif Davis, Ctr Mind &	TRENDS COGN SCI 17 (8): 391-400 AUG 2013	24

		neurobiology to individual differences	Brain, USA	http://www.sciencedirect.com/science/article/pii/S1364661313001265	
29	国际双相障碍联盟（International Society for Bipolar Disorders）关于双相障碍抗抑郁药物治疗的工作报告	The international society for bipolar disorders (ISBD) task force report on antidepressant use in bipolar disorders	Vieta, E Univ Barcelona, CIBERSAM Ctr Biomed Res Network Mental Hlth, Spain.	AMER J PSYCHIAT 170 (11): 1249-1262 NOV 2013 http://www.ncbi.nlm.nih.gov/pubmed/24030475	24
30	人脑网络中心节点	Network hubs in the human brain	Sporns, O Indiana Univ, Dept Psychol & Brain Sci, USA.	TRENDS COGN SCI 17 (12): 683-696 DEC 2013 http://www.cell.com/trends/cognitive-sciences/pdf/S1364-6613(13)00216-7.pdf	23
31	综述：运动（physical activity）对脑结构与可塑性的作用	Bridging animal and human models of exercise-induced brain plasticity	Voss, MW Univ Iowa, Dept Psychol, USA	TRENDS COGN SCI 17 (10): 525-544 OCT 2013 http://www.sciencedirect.com/science/arti	21

				cle/pii/S1364661313001666	
32	综述：催产素对自闭症、焦虑、产后抑郁、强迫症、精神分裂症、边缘型人格障碍和创伤后应激障碍等精神心理疾患的疗效	Sniffing around oxytocin: review and meta-analyses of trials in healthy and clinical groups with implications for pharmacotherapy	Bakermans-Kranenburg, MJ Leiden Univ, Ctr Child & Family Studies, Netherlands	TRANSL PSYCHIATR 3: - MAY 2013 http://www.nature.com/tp/journal/v3/n5/pdf/tp201334a.pdf	20
33	临界阳性率（Critical positivity ratio）	The complex dynamics of wishful thinking the critical positivity ratio	Sokal, AD NYU, Dept Phys, 4 Washington Pl, USA	AMER PSYCHOL 68 (9): 801-813 DEC 2013 http://psycnet.apa.org/psycinfo/2013-24609-001/	18
34	有关正念疗法（Mindfulness-based therapy，MBT）的元分析	Mindfulness-based therapy: a comprehensive meta-analysis	Khoury, B Univ Montreal, Dept Psychol, Canada	CLIN PSYCHOL REV 33 (6): 763-771 AUG 2013 http://www.sciencedirect.com/science/article/pii/S0272735813000731	17
35	刻板印象威胁（Stereotype Threat）	Is stereotype threat a useful	von Hippel, C	IND ORGAN PSYCHOL 7 (3): 381-402	16

		construct for organizational psychology research and practice?	Univ Queensland, Sch Psychol, Australia.	SEP 2014 http://onlinelibrary.wiley.com/doi/10.1111/iops.12167/abstract	
36	商学院中的工业组织心理学	Industrial-organizational psychologists in business schools: brain drain or eye opener?	Aguinis, H Indiana Univ, Kelley Sch Business, Dept Management & Entrepreneurship, USA	IND ORGAN PSYCHOL 7 (3): 284-303 SEP 2014 http://onlinelibrary.wiley.com/doi/10.1111/iops.12151/abstract	15
37	509 位精神疾患高危个体存在抑郁与焦虑的共病	Comorbid depressive and anxiety disorders in 509 individuals with an at-risk mental state: impact on psychopathology and transition to psychosis	Fusar-Poli, P Kings Coll London, Inst Psychiat, England	SCHIZOPHRENIA BULL 40 (1): 120-131 JAN 2014 http://schizophreniabulletin.oxfordjournals.org/content/40/1/120.full.pdf+html	14
38	抑制性反应与右侧下额叶皮层（right inferior frontal cortex，rIFC）	Inhibitrion and the right inferior frontal cortex: one decade on	Aron, AR Univ Calif San Diego, Dept Psychol, USA	TRENDS COGN SCI 18 (4): 177-185 APR 2014 http://www.sciencedirect.com/science/arti	13

				cle/pii/S136466131300274X	
39	双相情感障碍患者和健康对照被试的细胞因子：综述与元分析	Cytokines in bipolar disorder vs. healthy control subjects: a systematic review and meta-analysis	Munkholm, K Psychiat Ctr Copenhagen, Denmark	J PSYCHIATR RES 47 (9): 1119-1133 SEP 2013 http://www.sciencedirect.com/science/article/pii/S0022395613001581	13
40	综述：项目组合（item parcels）	Why the items versus parcels controversy needn't be one	Little, TD Univ Kansas, Ctr Res Methods & Data Anal, USA	PSYCHOL METHODS 18 (3): 285-300 SEP 2013 http://psycnet.apa.org/psycarticles/2013-24390-001	13
41	双语使用与语言加工和认知	Understanding the consequences of bilingualism for language processing and cognition	Kroll, JF Penn State Univ, Dept Psychol, USA	J COGN PSYCHOL 25 (5): 497-514 SP. ISS. SI AUG 1 2013 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3820916/	13

42	催产素通路与人类行为进化	Oxytocin pathways and the evolution of human behavior	Carter, CS Univ N Carolina, Sch Med, Dept Psychiat,USA.	ANNU REV PSYCHOL 65: 17-39 2014 http://www.annualreviews.org/doi/abs/10.1146/annurev-psych-010213-115110	11
43	黑暗三合一（Dark Triad）：自恋（Narcissism）、心理变态（psychopathy）和马基雅维利主义（Machiavellianism）三种黑暗人格的组合	Creatures of the night: chronotypes and the dark triad traits	Jonason, PK Univ Western Sydney, Sch Social Sci & Psychol, Australia	PERS INDIV DIFFER 55 (5): 538-541 SEP 2013 http://www.sciencedirect.com/science/article/pii/S0191886913001918	11
44	美国儿童 ADHD 流行程度：来自全国儿童健康调查（National Survey of Children's Health，NSCH）的数据	Trends in the parent-report of health care provider-diagnosed and medicated attention-deficit/hyperactivity disorder: united states, 2003-2011	Visser, SN Ctr Dis Control & Prevent, Natl Ctr Birth Defects & Dev Disabil, USA	J AMER ACAD CHILD ADOLESC PSY 53 (1): 34-46 JAN 2014 http://www.sciencedirect.com/science/article/pii/S0890856713005947	10
45	预测创造力（creativity）的新模型	The road to creative achievement: a latent variable model of ability and	Jauk, E Graz Univ, Dept Psychol,	EUR J PERSONALITY 28 (1): 95-105 JAN 2014	10

		personality predictors	Austria	http://onlinelibrary.wiley.com/doi/10.1002/per.1941/abstract	
46	雷美替胺（Ramelteon）对谵妄（Delirium）的预防作用	Preventive effects of ramelteon on delirium a randomized placebo-controlled trial	Hatta, K Juntendo Univ, Nerima Hosp, Dept Psychiat, Japan	JAMA PSYCHIATRY 71 (4): 397-403 APR 2014 http://archpsyc.jamanetwork.com/article.aspx?articleID=1831407	9
47	与欺骗有关的信息处理理论（Information Manipulation Theory）	Information manipulation theory 2: a propositional theory of deceptive discourse production	McCornack, SA Michigan State Univ, Dept Commun, USA	J LANG SOC PSYCHOL 33 (4): 348-377 SP. ISS. SI SEP 2014 http://jls.sagepub.com/content/33/4/348	9
48	真相缺省理论（Truth-Default Theory，TDT)：关于欺骗与欺骗觉察的新理论	Truth-default theory (TDT): a theory of human deception and deception detection	Levine, TR Korea Univ, Sch Media & Commun, South Korea	J LANG SOC PSYCHOL 33 (4): 378-392 SP. ISS. SI SEP 2014 http://jls.sagepub.com/content/33/4/378.abstract	9

49	饮酒游戏（Drinking game）类型分析	Are they all the same? an exploratory, categorical analysis of drinking game types	LaBrie, JW Loyola Marymount Univ, Dept Psychol, USA	ADDICT BEHAV 38 (5): 2133-2139 MAY 2013 http://www.sciencedirect.com/science/article/pii/S0306460312003905	9
50	自杀与抑郁	BDNF promoter methylation and suicidal behavior in depressive patients	Kim, JM Chonnam Natl Univ, Dept Psychiat, Sch Med, South Korea	J AFFECT DISORDERS 151 (2): 679-685 NOV 2013 http://www.sciencedirect.com/science/article/pii/S0165032713005867	8
51	循证心理治疗（evidence-based psychotherapies）	From the laboratory to the therapy room national dissemination and implementation of evidence-based psychotherapies in the u.s. department of veterans affairs health care system	Karlin, BE US Dept Vet Affairs, Natl Mental Hlth Director Psychotherapy & Psychog, Mental Hlth Serv USA	AMER PSYCHOL 69 (1): 19-33 JAN 2014 http://psycnet.apa.org/index.cfm?fa=search.displayRecord&id=0003C825-EB3F-198C-CA3C-C26618C40B6E&resultID=1&page=1&dbTab=all&search=true	7

52	自我控制（Self-control）	Why self-control seems (but may not be) limited	Inzlicht, M Univ Toronto, Dept Psychol, Toronto, Canada	TRENDS COGN SCI 18 (3): 127-133 MAR 2014 http://www.sciencedirect.com/science/article/pii/S1364661313002945	7
53	孩子出生时父亲年龄越大，孩子长大后出现心理疾病与学业问题的风险越大	Paternal age at childbearing and offspring psychiatric and academic morbidity	D'Onofrio, BM Indiana Univ, Dept Psychol & Brain Sci, USA	JAMA PSYCHIATRY 71 (4): 432-438 APR 2014 http://archpsyc.jamanetwork.com/article.aspx?articleid=1833092	7
54	月经周期（Menstrual Cycle）对女性择偶偏好（Mate Preferences）的影响	Meta-analysis of menstrual cycle effects on womens mate preferences	Wood, W Univ So Calif, Dept Psychol, USA	EMOT REV 6 (3): 229-249 JUL 2014 http://emr.sagepub.com/content/6/3/229.short	7
55	乳腺癌治疗伴随的认知神经功能障碍	Pretreatment worry and neurocognitive responses in women with breast cancer	Berman, MG Univ S Carolina, Dept Psychol, USA	HEALTH PSYCHOL 33 (3): 222-231 MAR 2014 http://psycnet.apa.org/index.cfm?fa=search.displayRecord&id=000E9222-A9AB-85	6

				14-6C7A-B1AEA2F12171&resultID=1&page=1&dbTab=all&search=true	
56	EEG 神经反馈（EEG-neurofeedback）能否提高 ADHD 患儿认知神经功能？	Does EEG-neurofeedback improve neurocognitive functioning in children with attention-deficit/hyperactivity disorder? a systematic review and a double-blind placebo-controlled study	van Dongen-Boomsma, M Reinier Postlaan 12, NL-6525 GC Nijmegen, Netherlands	J CHILD PSYCHOL PSYCHIAT 55 (5): 460-472 MAY 2014 http://onlinelibrary.wiley.com/doi/10.1111/jcpp.12143/abstract	6
57	早晚期双语者（early and late bilinguals.）在认知上的优势与劣势	Cognitive advantages and disadvantages in early and late bilinguals	Pelham, SD Univ Florida, Dept Psychol, USA	J EXP PSYCHOL-LEARN MEM COGN 40 (2): 313-325 MAR 2014 http://psycnet.apa.org/index.cfm?fa=search.displayRecord&id=0017927E-017B-D9E9-A88F-7161EF0F1866&resultID=1&page=1&dbTab=all&search=true	5

58	Flanker 任务（又称侧抑制任务）中的一致效应（congruency effect）	Congruency sequence effect without feature integration and contingency learning	Cho, YS Dept Psychol, South Korea	ACTA PSYCHOL 149: 60-68 SP. ISS. SI JUN 2014 http://www.sciencedirect.com/science/article/pii/S0001691814000791	5
59	精神病超高危人群与首发精神病患者的认知缺陷：元分析	Meta-analysis of cognitive deficits in ultra-high risk to psychosis and first-episode psychosis: do the cognitive deficits progress over, or after, the onset of psychosis?	Bora, E Univ Melbourne, Melbourne Neuropsychiat Ctr, Dept Psychiat, Australia	SCHIZOPHRENIA BULL 40 (4): 744-755 JUL 2014 http://schizophreniabulletin.oxfordjournals.org/content/early/2013/06/14/schbul.sbt085.full.pdf	5
60	综述：麻醉的无意识状态	Acceptably aware during general anaesthesia: dysanaesthesia - the uncoupling of perception from sensory inputs	Pandit, JJ Oxford Univ Hosp, England	CONSCIOUS COGN 27: 194-212 JUL 2014 http://www.sciencedirect.com/science/article/pii/S1053810014000816	5

61	冲突监测（conflict monitoring）	Conflict-triggered top-down control: default mode, last resort, or no such thing?	Bugg, JM Washington Univ, Dept Psychol, USA	J EXP PSYCHOL-LEARN MEM COGN 40 (2): 567-587 MAR 2014 http://psycnet.apa.org/journals/xlm/40/2/567/	4
62	网络游戏成瘾（internet gaming disorder）	Evaluation of the diagnostic criteria of internet gaming disorder in the DSM-5 among young adults in taiwan	Yen, CF Kaohsiung Med Univ Hosp, Dept Psychiat, Taiwan	J PSYCHIATR RES 53: 103-110 JUN 2014 http://www.sciencedirect.com/science/article/pii/S002239561400048X	4
63	反应效应相容性（response-effect compatibility）	Joint response-effect compatibility	Pfister, R Univ Wurzburg, Dept Psychol 3, Germany	PSYCHONOMIC BULL REV 21 (3): 817-822 JUN 2014 http://link.springer.com/article/10.3758/s13423-013-0528-7	4
64	一致性序列效应(Congruency sequence effects, CSE)	Congruency sequence effects without feature integration or	Weissman, DH Univ Michigan, Dept Psychol,	PLOS ONE 9 (7): - JUL 14 2014 http://www.plosone.org/article/fetchObject	4

		contingency learning confounds	USA	.action?uri=info:doi/10.1371/journal.pone.0102337&representation=PDF	
65	综述：重症抑郁的多维度理论	From stress to inflammation and major depressive disorder: a social signal transduction theory of depression	Slavich, GM Univ Calif Los Angeles, Cousins Ctr Psychoneuroimmunol, USA	PSYCHOL BULL 140 (3): 774-815 MAY 2014 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4006295/	3
66	工作记忆与流体智力（fluid intelligence）	Working memory and fluid intelligence: capacity, attention control, and secondary memory retrieval	Unsworth, N Univ Oregon, Dept Psychol, USA.	COG PSYCHOL 71: 1-26 JUN 2014 http://www.sciencedirect.com/science/article/pii/S0010028514000140	3
67	心理障碍的炎性生物标记	Inflammatory biomarker profiles of mental disorders and their relation to clinical, social and lifestyle factors	Mondelli, V Kings Coll London, Dept Psychol Med, Inst Psychiat, Stress Psychiat & Immunol Lab,J England.	SOC PSYCHIAT PSYCHIAT EPIDEM 49 (6): 841-849 JUN 2014 http://link.springer.com/article/10.1007%2Fs00127-014-0887-z#page-1	3

附表 2：ESI 2015 年 1 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或领域；黑色在往期亦是热点文章。

序号	文章主题	题目	第一/通讯作者及第一/通讯单位	出处及原文或摘要链接	单篇被引
1	由美国心脏病协会/美国卒中协会提出的急性缺血性脑卒中（Acute ischemic stroke）早期干预方针	Guidelines for the early management of patients with acute ischemic stroke a guideline for healthcare professionals from the American heart association/American stroke association	Amer Heart Assoc Stroke Council ; Council Cardiovasc Nursing ; Council Peripheral Vasc Dis ; Council Clinical Cardiology	STROKE 44 (3): 870-947 MAR 2013 http://stroke.ahajournals.org/content/early/2013/01/31/STR.0b013e318284056a.full.pdf	281
2	阿尔茨海默症的主要生物标记物	Tracking pathophysiological processes in Alzheimers disease: an updated hypothetical model of dynamic biomarkers	Jack, CR Mayo Clin, 200 1st St SW, Rochester, USA	LANCET NEUROL 12 (2): 207-216 FEB 2013 http://www.sciencedirect.com/science/article/pii/S1474442212702910	173
3	检验力失败：为什么小样本	Power failure: why small sample	Munafo, MR	NAT REV NEUROSCI 14 (5): 365-376 MAY	165

	损害了神经科学的信度	size undermines the reliability of neuroscience	Univ Bristol, Sch Expt Psychol, England	2013 http://www.nature.com/nrn/journal/v14/n5/full/nrn3475.html	
4	2005-2009 年美国原发性脑和中枢神经系统肿瘤流行病学调查	CBTRUS statistical report: primary brain and central nervous system tumors diagnosed in the united states in 20052009	DOLECEK TA	NEURO-ONCOLOGY 14: V1-V49 SUPPL. 5 NOV 2012 http://neuro-oncology.oxfordjournals.org/content/14/suppl_5/v1.extract	157
5	2013 国际头痛协会（International Headache society，HIS）国际头痛分类第三版（beta 版）	The international classification of headache disorders, 3rd edition (beta version)	IHS	CEPHALALGIA 33 (9): 629-808 JUL 2013 http://cep.sagepub.com/content/33/9/629.full	152
6	α-synuclein 蛋白的病理性	Pathological alpha-synuclein	Lee, VMY	SCIENCE 338 (6109): 949-953 NOV 16	150

	传递诱发非转基因大鼠的帕金森氏神经退行	transmission initiates parkinson-like neurodegeneration in nontransgenic mice	Univ Penn, Dept Pathol & Lab Med, Inst Aging, USA	2012 http://www.sciencemag.org/content/338/6109/949.full	
7	抗 NMDA 受体脑炎（anti-NMDA receptor encephalitis）患者的长期预后	Treatment and prognostic factors for long-term outcome in patients with anti-NMDA receptor encephalitis: an observational cohort study	Dalmau, J Univ Barcelona, ICREA IDIBAPS Hosp Clin, Dept Neurol, Spain	LANCET NEUROL 12 (2): 157-165 FEB 2013 http://ac.els-cdn.com/S1474442212703101/1-s2.0-S1474442212703101-main.pdf?_tid=d788c80c-e24e-11e3-a036-00000aab0f02&acdnat=1400831580_0f13f2af1e2401c8a9e06fddbb7a2b33	123
8	用于神经活动成像的超敏荧光蛋白	Ultrasensitive fluorescent proteins for imaging neuronal activity	Orger, MB Champalimaud Ctr Unknown, Champalimaud Neurosci Programme, Portugal	NATURE 499 (7458): 295-+ JUL 18 2013 http://www.nature.com/nature/journal/v499/n7458/full/nature12354.html	120

9	慢性创伤性脑病 (Chronic traumatic encephalopathy)	The spectrum of disease in chronic traumatic encephalopathy	McKee, AC VA Boston Healthcare Syst, USA	BRAIN 136: 43-64 PART 1 JAN 2013 http://brain.oxfordjournals.org/content/early/2012/12/02/brain.aws307.full	116
10	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	Malenka, RC Stanford Univ, Sch Med, Dept Psychiat & Behav Sci, USA	NATURE 491 (7423): 212-+ NOV 8 2012 http://www.nature.com/nature/journal/v491/n7423/full/nature11527.html	115
11	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机制	THE C9orf72 GGGGCC repeat is translated into aggregating dipeptide-repeat proteins in FTLD/ALS	Edbauer, D Univ Munich, Adolf Butenandt Inst, Germany	SCIENCE 339 (6125): 1335-1338 MAR 15 2013 http://www.sciencemag.org/content/339/6125/1335.long	113
12	痴呆的全球患病率：综述与元分析	The global prevalence of dementia: a systematic review and metaanalysis	Prince, M Kings Coll London, Inst Psychiat, England	ALZHEIMERS DEMENT 9 (1): 63-75 JAN 2013 http://www.sciencedirect.com/science/ar	107

				ticle/pii/S1552526012025319	
13	阿尔茨海默症协会发布的美国阿尔茨海默症报告（2013 版）	2013 Alzheimers disease facts and figures Alzheimers association	Alzheimer's Assoc	ALZHEIMERS DEMENT 9 (2): 208-245 MAR 2013 http://www.sciencedirect.com/science/article/pii/S1552526013000769	107
14	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	Petrucelli, L Mayo Clin Florida, Dept Neurosci, USA	NEURON 77 (4): 639-646 FEB 20 2013 https://www.cell.com/neuron/abstract/S0896-6273(13)00135-9?switch=standard	103
15	基因和童年创伤的交互作用	Allele-specific FKBP5 DNA demethylation mediates gene-childhood trauma interactions	Klengel, T Max Planck Inst Psychiat, Munich, Germany	NAT NEUROSCI 16 (1): 33-U59 JAN 2013 http://www.nature.com/neuro/journal/v16/n1/full/nn.3275.html	98
16	小神经胶质细胞：替罪羊，	Microglia: scapegoat, saboteur, or	Aguzzi, A	SCIENCE 339 (6116): 156-161 JAN 11 2013	98

	破坏者，或是其他？	something else?	Univ Zurich Hosp, Inst Neuropathol, Switzerland	http://www.sciencemag.org/content/339/6116/156	
17	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	Taylor, JP St Jude Childrens Res Hosp, Dept Dev Neurobiol, USA	NATURE 495 (7442): 467-+ MAR 28 2013 http://www.nature.com/nature/journal/v495/n7442/full/nature11922.html	97
18	综述：神经营养因子对神经环路发育与功能的调控	Neurotrophin regulation of neural circuit development and function	Poo, MM Univ Calif Berkeley, Helen Wills Neurosci Inst, Dept Mol & Cell Biol, Div Neurobiol, USA	NAT REV NEUROSCI 14 (1): 7-23 JAN 2013 http://www.nature.com/nrn/journal/v14/n1/full/nrn3379.html	95
19	皮层微环路（Cortical microcircuit）与神经计算（Neuronal computation）	Canonical microcircuits for predictive coding	Friston, KJ UCL, Wellcome Trust Ctr Neuroimaging, England	NEURON 76 (4): 695-711 NOV 21 2012 http://www.fil.ion.ucl.ac.uk/~karl/Canonical%20Microcircuits%20for%20Predictive%20Coding.pdf	89

20	Whatever next? predictive brains, situated agents, and the future of cognitive science	Whatever next? predictive brains, situated agents, and the future of cognitive science	Clark, A Univ Edinburgh, Sch Philosophy Psychol & Language Sci, Scotland	BEHAV BRAIN SCI 36 (3): 181-204 JUN 2013 http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8918803&fulltextType=RA&fileId=S0140525X12000477	88
21	散发性（sporadic）阿尔茨海默病中β淀粉样蛋白沉积、神经退行性变以及认知功能下降	Amyloid beta deposition, neurodegeneration, and cognitive decline in sporadic alzheimers disease: a prospective cohort study	Villemagne, VL Austin Hlth, Dept Nucl Med, Australia	LANCET NEUROL 12 (4): 357-367 APR 2013 http://www.sciencedirect.com/science/article/pii/S1474442213700449	87
22	NMDA 受体亚型多样性	NMDA receptor subunit diversity:	Paoletti, P	NAT REV NEUROSCI 14 (6): 383-400 JUN	86

		impact on receptor properties, synaptic plasticity and disease	Ecole Normale Super, Inst Biol Ecole Normale Super, France	2013 http://www.nature.com/nrn/journal/v14/n6/full/nrn3504.html	
23	小胶质细胞的来源	Microglia emerge from erythromyeloid precursors via pu.1- and irf8-dependent pathways	Prinz, M Univ Freiburg, Dept Neuropathol, Germany	NAT NEUROSCI 16 (3): 273-280 MAR 2013 http://www.nature.com/neuro/journal/v16/n3/full/nn.3318.html	77
24	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?	Kapur, S Kings Coll London, Inst Psychiat, England	MOL PSYCHIATR 17 (12): 1174-1179 DEC 2012 http://www.nature.com/mp/journal/v17/n12/full/mp2012105a.html	73
25	大脑中催产素和抗利尿激	Balance of brain oxytocin and	Neumann, ID	TRENDS NEUROSCI 35 (11): 649-659	70

	素之间的平衡对焦虑、抑郁和社交行为的影响	vasopressin: implications for anxiety, depression, and social behaviors	Univ Regensburg, Dept Behav & Mol Neurobiol, Germany	NOV 2012 http://www.sciencedirect.com/science/article/pii/S016622361200152X	
26	对美国 2010 至 2050 年阿尔茨海默症的发病情况进行评估	Alzheimer disease in the united states (2010-2050) estimated using the 2010 census	Hebert, LE Rush Inst Hlth Aging, Chicago, IL USA.	NEUROLOGY 80 (19): 1778-1783 MAY 2013 http://www.ncbi.nlm.nih.gov/pubmed/23390181	69
27	脑小血管病（Cerebral small vessel disease ，CSVD）与老龄化和神经退行性变	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration	Wardlaw, JM Univ Edinburgh, Western Gen Hosp, Scotland	LANCET NEUROL 12 (8): 822-838 AUG 2013 http://www.sciencedirect.com/science/article/pii/S1474442213701248	68
28	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	Milham, MP Ctr Dev Brain, Child Mind Inst, USA.	NEUROIMAGE 76 (1): 183-201 AUG 1 2013 http://www.sciencedirect.com/science/article/pii/S1053811913002127	67

29	综述：海马、杏仁核和内侧前额叶等在情景依赖行为中的角色	The contextual brain: implications for fear conditioning, extinction and psychopathology	Maren, S Texas A&M Univ, Dept Psychiat, USA	NAT REV NEUROSCI 14 (6): 417-428 JUN 2013 http://www.nature.com/nrn/journal/v14/n6/pdf/nrn3492.pdf	67
30	皮层 GABA 能中间神经元分类与命名的新观点	New insights into the classification and nomenclature of cortical gabaergic interneurons	DeFelipe, J Univ Politecn Madrid, Spain	NAT REV NEUROSCI 14 (3): 202-216 MAR 2013 http://www.nature.com/nrn/journal/v14/n3/pdf/nrn3444.pdf	63
31	神经退行性疾病中致病蛋白的聚集	Self-propagation of pathogenic protein aggregates in neurodegenerative diseases	Jucker, M Univ Tubingen, Hertie Inst Clin Brain Res, Dept Cellular Neurol, Germany	NATURE 501 (7465): 45-51 SEP 5 2013 http://www.nature.com/nature/journal/v501/n7465/full/nature12481.html	58
32	成年小鼠中枢神经系统中的少突胶质细胞（oligodendrocyte ，OL）	Oligodendrocyte dynamics in the healthy adult CNS: evidence for myelin remodeling	Richardson, WD UCL, Wolfson Inst Biomed Res, England	NEURON 77 (5): 873-885 MAR 6 2013 http://www.cell.com/neuron/abstract/S0896-6273(13)00050-0	54

33	成功重构一块小鼠视网膜中所有的神经元和它们之间的连接	Connectomic reconstruction of the inner plexiform layer in the mouse retina	Helmstaedter, M Max Planck Inst Neurobiol, Germany.	NATURE 500 (7461): 168-+ AUG 8 2013 http://www.nature.com/nature/journal/v500/n7461/full/nature12346.html	54
34	运动相关脑震荡(sports concussion)评估与诊断的新版指南	Summary of evidence-based guideline update: evaluation and management of concussion in sports report of the guideline development subcommittee of the American academy of neurology	Giza, CC Univ Calif Los Angeles, David Geffen Sch Med, Mattel Childrens Hosp, Div Pediat Neurol, USA	NEUROLOGY 80 (24): 2250-2257 JUN 11 2013 http://www.neurology.org/content/80/24/2250.full	53
35	睡眠可清除大脑代谢产物	Sleep drives metabolite clearance from the adult brain	Nedergaard, M Univ Rochester, Med Ctr, Dept Neurosurg, USA	SCIENCE 342 (6156): 373-377 OCT 18 2013 http://www.sciencemag.org/content/342/6156/373	51

36	电子游戏训练提高老年人的认知控制水平	Video game training enhances cognitive control in older adults	Anguera, JA Univ Calif San Francisco, Dept Neurol, USA	NATURE 501 (7465): 97-+ SEP 5 2013 http://www.nature.com/nature/journal/v501/n7465/full/nature12486.html	48
37	综述：钠离子通道 NaV1.7 与痛觉信号传导	The NaV1.7 sodium channel: from molecule to man	Waxman, SG Yale Univ, Sch Med, Dept Neurol, USA.	NAT REV NEUROSCI 14 (1): 49-62 JAN 2013 http://www.nature.com/nrn/journal/v14/n1/full/nrn3404.html	46
38	综述：控制的期望值（expected value of control，EVC）理论	The expected value of control: an integrative theory of anterior cingulate cortex function	Cohen, JD Princeton Univ, Princeton Neurosci Inst, USA	NEURON 79 (2): 217-240 JUL 24 2013 http://www.sciencedirect.com/science/article/pii/S0896627313006077	45
39	反义寡核苷酸（antisense oligonucleotide，ASO）疗法可缓和 ALS/FTD 相关脑损	RNA toxicity from the ALS/FTD C9orf72 expansion is mitigated by antisense intervention	Sattler, R Johns Hopkins Univ, Dept Neurol, USA.	NEURON 80 (2): 415-428 OCT 16 2013 http://www.cell.com/neuron/abstract/S0896-6273(13)00918-5	45

	伤				
40	综述：组蛋白乙酰化（Histone acetylation）与记忆	Histone acetylation: molecular mnemonics on the chromatin	Tsai, LH MIT, Dept Brain & Cognit Sci, Picower Inst Learning & Memory, USA	NAT REV NEUROSCI 14 (2): 97-111 FEB 2013 http://www.nature.com/nrn/journal/v14/n2/abs/nrn3427.html	43
41	从第二者（second-person）角度出发研究社会神经科学	Toward a second-person neuroscience	Schilbach, L Univ Hosp Cologne, Dept Psychiat, Germany	BEHAV BRAIN SCI 36 (4): 393-414 AUG 2013 http://www.leonhardschilbach.de/publications_files/S0140525X12000660a.pdf	43
42	额顶叶皮层在认知控制和任务完成中的核心作用	Multi-task connectivity reveals flexible hubs for adaptive task control	Cole, MW Washington Univ, Dept Psychol, USA	NAT NEUROSCI 16 (9): 1348-U247 SEP 2013 http://www.nature.com/neuro/journal/v16/n9/full/nn.3470.html	39

43	钠通道功能获得型突变（Gain-of-function）与痛性神经病（Painful neuropathy）	Gain-of-function Na(v)1.8 mutations in painful neuropathy	Waxman, SG Yale Univ, Sch Med, Dept Neurol, USA	PROC NAT ACAD SCI USA 109 (47): 19444-19449 NOV 20 2012 http://www.pnas.org/content/109/47/19444.long	39
44	2006-2010 年美国原发性脑和中枢神经系统肿瘤流行病学调查	CBTRUS statistical report: primary brain and central nervous system tumors diagnosed in the united states in 2006-2010	Ostrom, QT Case Western Reserve Univ, Sch Med, USA	NEURO-ONCOLOGY 15: 1-56 SUPPL. 2 NOV 2013 http://neuro-oncology.oxfordjournals.org/content/15/suppl_2/ii1.extract	38
45	亲代的嗅觉经验可影响后代的行为与神经结构，提示恐惧可以跨代遗传	Parental olfactory experience influences behavior and neural structure in subsequent generations	Dias, BG Emory Univ, Sch Med, Dept Psychiat & Behav Sci, USA	NAT NEUROSCI 17 (1): 89-96 JAN 2014 http://www.nature.com/neuro/journal/v17/n1/full/nn.3594.html	37
46	少突胶质细胞祖细胞在成年大脑中具有高度动态性	Oligodendrocyte progenitors balance growth with self-repulsion	Bergles, DE Johns Hopkins Univ, Sch Med,	NAT NEUROSCI 16 (6): 668-+ JUN 2013	36

		to achieve homeostasis in the adult brain	USA.	http://www.nature.com/neuro/journal/v16/n6/full/nn.3390.html	
47	动态功能连接（Dynamic functional connectivity）	Dynamic functional connectivity: promise, issues, and interpretations	Hutchison, RM Univ Western Ontario, Robarts Res Inst, Canada	NEUROIMAGE 80: 360-378 OCT 15 2013 http://www.sciencedirect.com/science/article/pii/S105381191300579X	36
48	HPA 轴功能与炎性反应和忧郁型抑郁症（melancholic depression）及非典型抑郁症（atypical depression）等抑郁症亚型间的关系	Evidence for a differential role of HPA-axis function, inflammation and metabolic syndrome in melancholic versus atypical depression	Lamers, F NIMH, Genet Epidemiol Res Branch, Intramural Res Program, NIH, USA	MOL PSYCHIATR 18 (6): 692-699 JUN 2013 http://www.nature.com/mp/journal/v18/n6/full/mp2012144a.html	33
49	精神分裂症的遗传变异往往聚集在几个功能相关基因网络中	De novo mutations in schizophrenia implicate synaptic networks	Owen, MJ Cardiff Univ, Inst Psychol Med & Clin Neurosci, Wales	NATURE 506 (7487): 179-+ FEB 13 2014 http://www.nature.com/nature/journal/v506/n7487/full/nature12929.html	32

50	HCP 中 MRI 数据预处理方法	The minimal preprocessing pipelines for the human connectome project	Glasser, MF Washington Univ, Sch Med, Dept Anat & Neurobiol, USA	NEUROIMAGE 80: 105-124 OCT 15 2013 http://ac.els-cdn.com/S1053811913005053/1-s2.0-S1053811913005053-main.pdf?_tid=f2508856-9ac7-11e3-b76f-00000aab0f01&acdnat=1392967110_ed9560b404c5e1308913ee188dc0a38a	31
51	利用源自 iPSC（induced pluripotent stem cell，诱导性多能干细胞）的神经元可模拟额颞叶型痴呆和肌萎缩性脊髓侧索硬化症的核心神经病理特征	Modeling key pathological features of frontotemporal dementia with C9orf72 repeat expansion in ipsc-derived human neurons	Gao, FB Univ Massachusetts, Sch Med, Dept Neurol, USA	ACTA NEUROPATHOL 126 (3): 385-399 SEP 2013 http://link.springer.com/article/10.1007%2Fs00401-013-1149-y	29
52	以 C9orf72 基因非编码区重复扩增为靶标治疗及萎	Targeted degradation of sense and antisense C9orf72 RNA foci as	Cleveland, DW Univ Calif San Diego, Dept	PROC NAT ACAD SCI USA 110 (47): E4530-E4539 NOV 19 2013	26

	缩性脊髓侧索硬化症和额颞叶型痴呆	therapy for ALS and frontotemporal degeneration	Neurosci, USA	http://www.pnas.org/content/early/2013/10/28/1318835110.abs	
53	FTD/ALS 中 C9orf72 重复扩增的反转录机制	Antisense transcripts of the expanded C9orf72 hexanucleotide repeat form nuclear RNA foci and undergo repeat-associated non-atg translation in C9FTD/ALS	Dickson, DW Mayo Clin Florida, Dept Neurosci, USA	ACTA NEUROPATHOL 126 (6): 829-844 DEC 2013 http://link.springer.com/article/10.1007%2Fs00401-013-1192-8#page-1	24
54	小鼠全脑范围内细胞水平的中尺度（mesoscale）连接组（connectome）	A mesoscale connectome of the mouse brain	Zeng, HK Allen Inst Brain Sci, USA	NATURE 508 (7495): 207-+ APR 10 2014 http://www.nature.com/nature/journal/v508/n7495/full/nature13186.html	23
55	肌萎缩性脊髓侧索硬化症/额颞叶型痴呆（FTD/ALS）中 C9orf72 重复扩增的反转	RAN proteins and RNA foci from antisense transcripts in C9orf72 ALS and frontotemporal dementia	Ranum, LPW Univ Florida, Coll Med, Ctr NeuroGenet, USA	PROC NAT ACAD SCI USA 110 (51): E4968-E4977 DEC 17 2013 http://www.pnas.org/content/110/51/E496	20

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56	星形胶质细胞通过选择性地除去突触修整了神经细胞回路	Astrocytes mediate synapse elimination through MEGF10 and MERTK pathways	Chung, WS Stanford Univ, Sch Med, Dept Neurobiol, USA	NATURE 504 (7480): 394-+ DEC 19 2013 http://www.nature.com/nature/journal/v504/n7480/abs/nature12776.html	20
57	肌萎缩性脊髓侧索硬化症的遗传学病因	State of play in amyotrophic lateral sclerosis genetics	Traynor, BJ NIA, Neuromuscular Dis Res Unit, USA	NAT NEUROSCI 17 (1): 17-23 JAN 2014 http://www.nature.com/neuro/journal/v17/n1/full/nn.3584.html	18
58	FTD/ALS 中 C9orf72 重复扩增的双向转录	Bidirectional transcripts of the expanded C9orf72 hexanucleotide repeat are translated into aggregating dipeptide repeat proteins	Haass, C German Ctr Neurodegenerat Dis DZNE, Germany	ACTA NEUROPATHOL 126 (6): 881-893 DEC 2013 http://link.springer.com/article/10.1007%2Fs00401-013-1189-3#page-1	18
59	小神经胶质细胞	Identification of a unique TGF-beta	Butovsky, O	NAT NEUROSCI 17 (1): 131-143 JAN 2014	17

		dependent molecular and functional signature in microglia	Harvard Univ, Brigham & Womens Hosp, Sch Med, Ctr Neurol Dis,Dept Neurol, USA	http://www.nature.com/neuro/journal/v17/n1/full/nn.3599.html	
60	采用外显子组测序方法来识别对阿尔茨海默氏症有较大影响的新遗传风险变异体	Rare coding variants in the phospholipase D3 gene confer risk for Alzheimers disease	Cruchaga, C Washington Univ, Dept Psychiat, USA	NATURE 505 (7484): 550-+ JAN 23 2014 http://www.nature.com/nature/journal/v505/n7484/full/nature12825.html	17
61	综述：结构与功能脑网络	Structural and functional brain networks: from connections to cognition	Park, HJ Yonsei Univ, Coll Med, Dept Nucl Med, Project Med Sci South Korea	SCIENCE 342 (6158): 579-+ NOV 1 2013 http://www.sciencemag.org/content/342/6158/1238411.figures-only	17
62	基底前脑胆碱能神经元快速调节皮层活动性和视知觉	Fast modulation of visual perception by basal forebrain cholinergic neurons	Pinto, L Univ Calif Berkeley, Howard Hughes Med Inst, Div	NAT NEUROSCI 16 (12): 1857-1863 DEC 2013 http://www.nature.com/neuro/journal/v16/	17

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63	GDF11 蛋白可逆转小鼠衰老迹象	Vascular and neurogenic rejuvenation of the aging mouse brain by young systemic factors	Katsimpardi, L Harvard Univ, Dept Stem Cell & Regenerat Biol, Cambridge, USA	SCIENCE 344 (6184): 630-634 MAY 9 2014 http://www.sciencemag.org/content/344/6184/630.abstract	14
64	神经细胞内氯离子稳态	Local impermeant anions establish the neuronal chloride concentration	Staley, KJ Harvard Univ, Massachusetts Gen Hosp, Sch Med, Dept Neurol, USA	SCIENCE 343 (6171): 670-675 FEB 7 2014 http://www.sciencemag.org/content/343/6171/670.abstract	13
65	综述：自闭症谱系障碍与智障（intellectual disability）共享的功能通路改变	A de novo convergence of autism genetics and molecular neuroscience	Eichler, EE Univ Washington, Dept Genome Sci, USA	TRENDS NEUROSCI 37 (2): 95-105 FEB 2014 http://www.sciencedirect.com/science/article/pii/S0166223613002257	13

66	女性卒中预防的指导方针：来自美国心脏病学会/美国卒中学会的说明	Guidelines for the prevention of stroke in women： a statement for healthcare professionals from the American heart association/American stroke association		STROKE 45 (5): 1545-1588 MAY 2014 http://www.omco.pd.it/news14/news1/prevention_of_stroke_in_woman.pdf	13
67	神经甾体（Neurosteroid）在网络兴奋性中的作用	Neurosteroid interactions with synaptic and extrasynaptic GABA(A) receptors: regulation of subunit plasticity, phasic and tonic inhibition, and neuronal network excitability	Reddy, DS Texas A&M Univ, Hlth Sci Ctr, Coll Med, Dept Neurosci & Expt Therapeut, USA.	PSYCHOPHARMACOLOGY 230 (2): 151-188 NOV 2013 http://link.springer.com/article/10.1007/s00213-013-3276-5	13
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70	胶质传递（gliotransmission）：星形胶质细胞与神经元之间的信号传导方式	Gliotransmitters travel in time and space	Carmignoto, G Univ Padua, CNR, Ist Neurosci, Italy	NEURON 81 (4): 728-739 FEB 19 2014 http://www.sciencedirect.com/science/article/pii/S0896627314001056	10
71	多形性胶质母细胞瘤（Glioblastoma multiforme，GBM）	A small noncoding RNA signature found in exosomes of GBM patient serum as a diagnostic tool	Alonso, MM Univ Navarra Clin, Dept Med Oncol, Spain	NEURO-ONCOLOGY 16 (4): 520-527 APR 2014 http://neuro-oncology.oxfordjournals.org/content/16/4/520	10
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73	利用光遗传技术证实神经元活动可以调节髓鞘形成（myelination）	Neuronal activity promotes oligodendrogenesis and adaptive myelination in the mammalian brain	Monje, M Stanford Univ, Dept Neurol, Sch Med, Inst Stem Cell Biol & Regenerat Med, USA	SCIENCE 344 (6183): 487-+ MAY 2 2014 http://www.sciencemag.org/content/344/6183/1252304.abstract	9
74	改变脊髓兴奋性可使完全性瘫痪患者自主运动成为可能	Altering spinal cord excitability enables voluntary movements after chronic complete paralysis in humans	Harkema, SJ 220 Abraham Flexner Way, Louisville, USA	BRAIN 137: 1394-1409 PART 5 MAY 2014 http://www.reevebigidea.org/assets/pdf/Spinal_Cord_Stimulation_Study_Brain_Journal_of_Neurology_ReeveBigIdea.pdf	9
75	饥饿的神经机制	An excitatory paraventricular nucleus to AgRP neuron circuit that	Lowell, BB Harvard Univ, Beth Israel	NATURE 507 (7491): 238-+ MAR 13 2014	7

		drives hunger	Deaconess Med Ctr, Sch Med, Div Endocrinol Diabet & Metab, USA	http://www.nature.com/nature/journal/v507/n7491/full/nature12956.html	
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77	缺血性卒中（ischemic stroke）和短暂性脑缺血发作（Transient Ischemic Attack）幸存者如何预防中风发作？	Guidelines for the prevention of stroke in patients with stroke and transient ischemic attack： a guideline for healthcare professionals from the American heart association/American stroke association	Kernan, WN Yale Univ, USA.	STROKE 45 (7): 2160-2236 JUL 2014 http://stroke.ahajournals.org/content/45/7/2160	7
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81	胰岛素、胰岛素生长因子-1（Insulin Growth Factor-1，IGF-1）和胰高血糖素样肽-1（Glucagon like peptide-1，	Insulin, igf-1 and glp-1 signaling in neurodegenerative disorders: targets for disease modification?	Meissner, WG Univ Bordeaux, Inst Neurodegenerat Dis, France	PROG NEUROBIOL 118: 1-18 JUL 2014 http://www.sciencedirect.com/science/article/pii/S030100821400029X	5

	GLP-1）在神经退行性疾病中作用				
82	名为 Jaws 的新型光敏蛋白：可以响应头骨外的光源，实现非侵入性的神经元控制，为光遗传学技术治疗癫痫等神经系统疾病奠定基础	Noninvasive optical inhibition with a red-shifted microbial rhodopsin	Boyden, ES MIT, Media Lab, Dept Media Arts & Sci, USA	NAT NEUROSCI 17 (8): 1123-1129 AUG 2014 http://www.nature.com/neuro/journal/v17/n8/full/nn.3752.html	5
83	富有神经毡和真性菊形团的胚胎性肿瘤（Embryonal Tumor with Abundant Neuropil and True Rosettes, ETANTR）	Embryonal tumor with abundant neuropil and true rosettes (ETANTR), ependymoblastoma, and medulloepithelioma share molecular similarity and comprise a single clinicopathological entity	Kool, M German Canc Res Ctr, Div Pediat Neurooncol, Neuenheimer Germany	ACTA NEUROPATHOL 128 (2): 279-289 AUG 2014 http://download.springer.com/static/pdf/404/art%253A10.1007%252Fs00401-013-1228-0.pdf?auth66=1422261494_d0ad549856cae883feca98fdc5863b49&ext=.pdf	5
84	动物学习分类不同圆点图案时来自纹状体和前额叶的脑波变成同步的	Increases in functional connectivity between prefrontal cortex and striatum during category learning	Antzoulatos, EG MIT, Dept Brain & Cognit Sci, Picower Inst Learning & Memory, USA	NEURON 83 (1): 216-225 JUL 2 2014 http://www.sciencedirect.com/science/article/pii/S0896627314003912	5

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86	综述：进食成瘾与物质滥用障碍	Overlap of food addiction and substance use disorders definitions: analysis of animal and human studies	Fecteau, S Univ Laval, Ctr Rech Inst Univ Sante Mentale Quebec, Ctr Interdisciplinaire Rech Readaptat & Integrat, Lab Canada Res Chair Cognit Neurosci,Sch Med, Canada	NEUROPHARMACOLOGY 85: 81-90 OCT 2014 http://www.sciencedirect.com/science/article/pii/S0028390814001865	4
87	催产素受体（Oxytocin Receptor，OXTR）基因与	Oxytocin receptor genotype modulates ventral striatal activity to	Loth, E Kings Coll London, Social	BIOL PSYCHIAT 76 (5): 367-376 SEP 1 2014	3

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88	脑部早期 DNA 甲基化（DNA methylation）参与阿尔茨海默症的发生	Alzheimers disease: early alterations in brain DNA methylation at ank1, bin1, rhbdf2 and other loci	De Jager, PL Brigham & Womens Hosp, Dept Neurol, Inst Neurosci, USA	NAT NEUROSCI 17 (9): 1156-1163 SEP 2014 http://www.nature.com/neuro/journal/v17/n9/full/nn.3786.html	3
89	综述： 发生于阿尔茨海默症初期的白质变性	Diffusion tensor imaging of white matter degeneration in Alzheimers disease and mild cognitive impairment	Amlien, IK Univ Oslo, Dept Psychol, Norway	NEUROSCIENCE 276: 206-215 SEP 12 2014 http://www.sciencedirect.com/science/article/pii/S0306452214001213	3
90	阅读障碍（dyslexia）	Cognitive subtypes of dyslexia are characterized by distinct patterns of grey matter volume	Jednorog, K M Nencki Inst Expt Biol, Dept Neurophysiol, Psychophysiol Lab,, Poland	BRAIN STRUCT FUNCT 219 (5): 1697-1707 SEP 2014 http://download.springer.com/static/pdf/652/art%253A10.1007%252Fs00429-013-05	3

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91	中枢神经系统细胞分类	An RNA-sequencing transcriptome and splicing database of glia, neurons, and vascular cells of the cerebral cortex	Zhang, Y Stanford Univ, Sch Med, Dept Neurobiol, USA	J NEUROSCI 34 (36): 11929-11947 SEP 3 2014 http://www.jneurosci.org/content/34/36/11929.short	3
92	综述：慢性痛概念验证（Proof-of-concept）临床试验	Research designs for proof-of-concept chronic pain clinical trials: IMMPACT recommendations	Gewandter, JS Univ Rochester, Sch Med & Dent, Dept Anesthesiol, USA	PAIN 155 (9): 1683-1695 SEP 2014 http://www.sciencedirect.com/science/article/pii/S0304395914002589	3