

ESI 中心理学及相关领域热点论文 信息推送

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——基于 2014 年 5 月更新数据

ESI 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 2011 年 12 月至 2013 年 12 月发表的文章中, 在 2014 年 1 月和 2 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 2014 年 5 月 10 日。

本期 ESI (Essential Science Indicators) 发布精神病学/心理学领域的热点文章 63 篇, 其中首次入榜文章 42 篇。单篇最高被引 111 次, 最低被引 3 次。被引 111 次的文章由伦敦国王学院 (King's College London) 的 Fusar-Poli P 等人发表在 *Archives of General Psychiatry* 上, 标题为“Predicting psychosis meta-analysis of transition outcomes in individuals at high clinical risk”, 该研究是对截止到 2011 年 1 月发表的有关精神病高危人群发展为临床发病的文章的元分析, 该研究在上期也是单篇被引最高的文章。首次入榜的 42 篇中单篇最高被引 43 次, 由雅虎研究院 (Yahoo! Research) 的 Mason W 和 Suri S 发表在 *Behavior Research Methods* 上标题为“Conducting behavioral research on Amazon's Mechanical Turk”, 讨论了如何在 Amazon's Mechanical Turk (一个在线劳动力市场) 上开展行为研究。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 83 篇, 其中首次入榜文章 41 篇。单篇最高被引 224 次, 最低被引 4 次。被引 224 次的文章由耶鲁大学 (Yale University) 的 Stephan J. Sanders 等人合作发表在 *NATURE* 上, 标题为“De novo mutations revealed by whole-exome sequencing are strongly associated with autism”, 利用全基因组测序 (Whole-exome sequencing) 揭示自闭症谱系障碍相关的新生突变 (De novo mutation), 该文在上期也是单篇被引最高的文章。首次入榜文章单篇最高被引 73 次, 由斯坦福大学 (Stanford University) 的 Tye KM 和 Deisseroth K 等人合作发表在 *Nature Reviews Neuroscience* 上, 标题为“Optogenetic investigation of neural circuits underlying brain disease in animal models”, 是一篇关于利用光遗传学技术研究脑疾病模型动物神经环路的综述。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 2014 年 5 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	出处及原文或摘要链接	单篇被引
1	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发病的文章进行元分析	Predicting psychosis meta-analysis of transition outcomes in individuals at high clinical risk	<u>ARCH GEN PSYCHIAT</u> 69 (3): 220-229 MAR 2012 http://archpsyc.jamanetwork.com/article.aspx?articleid=1107408	111
2	DSM-5 中自闭症谱系障碍诊断标准的敏感性与特异性	Sensitivity and specificity of proposed DSM-5 diagnostic criteria for autism spectrum disorder	J AMER ACAD CHILD ADOLESC PSY 51 (4): 368-383 APR 2012 http://api.ning.com/files/LmSiUiZvkBnxNt5yfaZCrd*ahx3cUb*m1ntV8IGIUbnPhDiGqnomAci-AFHB-L4e1UJ41FY-Y6l-iTT7z5xdJhve3Q8G15Ju/Yalestudy.pdf	68
3	与未得自闭症的高危婴儿相比, 2 岁时被确诊罹患自闭症的婴儿在 6 个月时大脑白质纤维束发育业已出现差异	Differences in white matter fiber tract development present from 6 to 24 months in infants with autism	AMER J PSYCHIAT 169 (6): 589-600 JUN 2012 http://search.proquest.com/docview/102053	59

			0301/13DE7687D7B662E57C7/9?accountid=27614	
4	自闭症谱系障碍的临床诊断：多场域（Multi-sited）研究	A multisite study of the clinical diagnosis of different autism spectrum disorders	<u>ARCH GEN PSYCHIAT</u> 69 (3): 306-313 MAR 2012 http://archpsyc.jamanetwork.com/data/Journals/PSYCH/22586/yoa110031_306_313.pdf	55
5	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	<u>AMER J PSYCHIAT</u> 170 (1): 59-70 JAN 2013 http://www.focus.psychiatryonline.org/Article.aspx?ArticleID=1387906	54
6	进食障碍的流行病学	Epidemiology of eating disorders: incidence, prevalence and mortality rates	<u>CURR PSYCHIATRY REP</u> 14 (4): 406-414 AUG 2012 http://link.springer.com/article/10.1007%2Fs11920-012-0282-y#page-2	50
7	精神分裂症患者的多巴胺功能障碍及其对治	The nature of dopamine dysfunction in	<u>ARCH GEN PSYCHIAT</u> 69 (8): 776-786	47

	疗的意义：关于影像学研究的元分析	schizophrenia and what this means for treatment	AUG 2012 http://archpsyc.jamanetwork.com/article.aspx?articleid=1151090	
8	一些有瑕疵的心理学研究活动可能是非常普遍的	Measuring the prevalence of questionable research practices with incentives for truth telling	<u>PSYCHOL SCI</u> 23 (5): 524-532 MAY 2012 http://www.cmu.edu/dietrich/sds/docs/loewenstein/MeasPrevalQuestTruthTelling.pdf	47
9	在 Amazon's Mechanical Turk (一个在线劳动力市场) 上开展行为研究	Conducting behavioral research on Amazon's Mechanical Turk	BEHAV RES METHODS 44 (1): 1-23 MAR 2012 http://download.springer.com/static/pdf/811/art%253A10.3758%252Fs13428-011-0124-6.pdf?auth66=1400294802_2a352fb2db88707464338c0f187e16b7&ext=.pdf	43
10	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	<u>J MEM LANG</u> 68 (3): 255-278 APR 2013 http://www.sciencedirect.com/science/article/pii/S0749596X12001180	39

11	元分析：工作记忆的训练是有效的吗？	Is working memory training effective? a meta-analytic review	<u>DEVELOP PSYCHOL</u> 49 (2): 270-291 FEB 2013 http://www.apa.org/pubs/journals/releases/dev-49-2-270.pdf	37
12	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	<u>J AFFECT DISORDERS</u> 138 (1-2): 9-18 APR 2012 http://www.jad-journal.com/article/S0165-0327(11)00148-0/abstract	36
13	美国 13 岁以上人群焦虑和情绪障碍的 12 个月患病率（12-month prevalence）、终身患病率（lifetime prevalence）和终身患病风险（lifetime morbid risk, LMR）	Twelve-month and lifetime prevalence and lifetime morbid risk of anxiety and mood disorders in the united states	<u>INT J METH PSYCHIATR RES</u> 21 (3): 169-184 SEP 2012 http://psycnet.apa.org/index.cfm?fa=search_displayRecord&id=FDD6344C-AE42-CD6D-A4E6-7608566D9F94&resultID=1&page=1&dbTab=all&search=true	35
14	Alpha 波震荡	Alpha-band oscillations, attention, and controlled access to stored information	<u>TRENDS COGN SCI</u> 16 (12): 606-617 DEC 2012	35

			http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3507158/	
15	综述：精神疾病高危状态	The psychosis high-risk state a comprehensive state-of-the-art review	JAMA PSYCHIATRY 70 (1): 107-120 JAN 2013 http://archpsyc.jamanetwork.com/article.aspx?articleid=1392281	33
16	重症抑郁患者血液中白介素-6、肿瘤坏死因子- α 及可溶性白介素-2 受体水平显著升高	Interleukin (IL)-6, tumour necrosis factor alpha (TNF-alpha) and soluble interleukin-2 receptors (SIL-2r) are elevated in patients with major depressive disorder: a meta-analysis and meta-regression	J AFFECT DISORDERS 139 (3): 230-239 AUG 2012 http://www.sciencedirect.com/science/article/pii/S0165032711004605	33
17	综述：执行功能与自我调控	Executive functions and self-regulation	TRENDS COGN SCI 16 (3): 174-180 MAR 2012 http://www.sciencedirect.com/science/article/pii/S1364661312000289	31

18	双相障碍的功能神经解剖	The functional neuroanatomy of bipolar disorder: a consensus model	<u>BIPOLAR DISORD</u> 14 (4): 313-325 JUN 2012 http://onlinelibrary.wiley.com/doi/10.1111/j.1399-5618.2012.01022.x/full	31
19	科学乌托邦 2	Scientific utopia: ii. restructuring incentives and practices to promote truth over publishability	<u>PERSPECT PSYCHOL SCI</u> 7 (6): 615-631 NOV 2012 http://pps.sagepub.com/content/7/6/615.short	31
20	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	<u>JAMA PSYCHIATRY</u> 70 (1): 31-41 JAN 2013 https://archpsyc.jamanetwork.com/multimediaPlayer.aspx?mediaid=5355369	30
21	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	<u>ARCH GEN PSYCHIAT</u> 69 (7): 722-731 JUL 2012 http://archpsyc.jamanetwork.com/article.asp	29

			x?articleid=1211984	
22	DSM-IV 中 ADHD 诊断标准的效度：综述与元分析	Validity of DSM-IV attention deficit/hyperactivity disorder symptom dimensions and subtypes	<u>J ABNORMAL PSYCHOL</u> 121 (4): 991-1010 NOV 2012 http://www.ncbi.nlm.nih.gov/pubmed/22612200	29
23	青春期应激	Stress in puberty unmasks latent neuropathological consequences of prenatal immune activation in mice	<u>SCIENCE</u> 339 (6123): 1095-1099 MAR 1 2013 http://www.sciencemag.org/content/339/6123/1095.full	28
24	利用质子磁共振波谱（Proton Magnetic Resonance Spectroscopy）发现精神分裂症患者前额叶 GABA 和谷氨酸-谷氨酰胺（Glutamate-Glutamine）水平升高	Elevated prefrontal cortex gamma-aminobutyric acid and glutamate-glutamine levels in schizophrenia measured in vivo with proton magnetic resonance spectroscopy	<u>ARCH GEN PSYCHIAT</u> 69 (5): 449-459 MAY 2012 http://archpsyc.jamanetwork.com/article.aspx?articleid=1151488	28
25	内源性大麻素系统（Endocannabinoid system）	The endocannabinoid system and the brain	<u>ANNU REV PSYCHOL</u> 64: 21-47 2013	23

	与脑		http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-113011-143739	
26	执行功能	Executive functions	<u>ANNU REV PSYCHOL</u> 64: 135-168 2013 http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-113011-143750	22
27	急性精神分裂症、重症抑郁和边缘型人格障碍患者血清 NMDA 受体抗体 (NMDA receptor antibodies) 类型和水平的比较	Increased prevalence of diverse N-methyl-D-aspartate glutamate receptor antibodies in patients with an initial diagnosis of schizophrenia: specific relevance of IgG NR1a antibodies for distinction from N-methyl-D-aspartate glutamate receptor encephalitis	JAMA PSYCHIATRY 70 (3): 271-278 MAR 2013 http://www.ncbi.nlm.nih.gov/pubmed/23344076	22
28	一项以文拉法辛 (venlafaxine XR, 一种抗抑郁药) 为阳性对照 (Active reference), 考察 Lu AA21004 治疗重症抑郁的随机双盲研究	A double-blind, randomized, placebo-controlled, active reference study of Lu AA21004 in patients with major depressive	INT J NEUROPSYCHOPHARMACOL 15 (5): 589-600 JUN 2012 http://moodle.med.lu.se/pluginfile.php/1443	22

		disorder	2/mod_resource/content/1/Alvarez%20et%20al.%202011.pdf	
29	基于网络的注意偏向矫正训练 (attention bias modification training) 治疗社交焦虑障碍 (social anxiety disorder): 一项随机双盲安慰剂对照试验	Internet-delivered attention bias modification training in individuals with social anxiety disorder - a double blind randomized controlled trial	BMC PSYCHIATRY 12: - JUN 25 2012 http://www.biomedcentral.com/1471-244X/12/66	19
30	精神分裂症与自身免疫病 (autoimmune diseases) 之间的关系: 一项基于台湾全民健康保险研究资料库 (Taiwan's National Health Insurance Research Database) 的研究	Prevalence of autoimmune diseases in in-patients with schizophrenia: nationwide population-based study	BRIT J PSYCHIAT 200 (5): 374-380 MAY 2012 http://bjp.rcpsych.org/content/early/2012/03/10/bjp.bp.111.092098.full.pdf	18
31	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	ARCH GEN PSYCHIAT 69 (12): 1247-1256 DEC 2012 http://archpsyc.jamanetwork.com/article.aspx?articleid=1263977	18

32	精神分裂症超高危群体中的基本自我异常 (basic self-disturbance) 可预测疾病发作	Basic self-disturbance predicts psychosis onset in the ultra high risk for psychosis prodromal population	SCHIZOPHRENIA BULL 38 (6): 1277-1287 NOV 2012 http://schizophreniabulletin.oxfordjournals.org/content/38/6/1277.full.pdf+html	17
33	如何提高心理学研究的可复制性	Recommendations for increasing replicability in psychology	EUR J PERSONALITY 27 (2): 108-119 MAR-APR 2013 http://www.psychologie.hu-berlin.de/prof/peer/pdf/2013/Replicability_target_Peer_commentary.pdf	15
34	以早期介入丹佛模式 (early start denver model , ESDM) 为基础的家长干预对自闭症谱系障碍高危儿童是否有效	Effects of a brief early start denver model (ESDM)-based parent intervention on toddlers at risk for autism spectrum disorders: a randomized controlled trial	J AMER ACAD CHILD ADOLESC PSY 51 (10): 1052-1065 OCT 2012 http://www.sciencedirect.com/science/article/pii/S089085671200593X	15

35	如果做决定的时间足够长，人的自私本性可被抑制	Honesty requires time (and lack of justifications)	PSYCHOL SCI 23 (10): 1264-1270 OCT 2012 http://pss.sagepub.com/content/23/10/1264	15
36	心不在焉 (inattention)、多动-冲动 (hyperactivity-impulsivity) 和认知速度缓慢 (sluggish cognitive tempo , SCT) 症候群的潜在结构与效度	Validity of the sluggish cognitive tempo, inattention, and hyperactivity symptom dimensions: neuropsychological and psychosocial correlates	J ABNORMAL CHILD PSYCHOL 40 (5): 683-697 JUL 2012 http://download.springer.com/static/pdf/848/art%253A10.1007%252Fs10802-011-9602-7.pdf?auth66=1400724133_161bd4584819b86a0d2c768a6828490e&ext=.pdf	14
37	经颅直流电刺激 (Transcranial direct current stimulation , tDCS) 与盐酸舍曲林 (sertraline hydrochloride, 一种抗抑郁常规药物) 联合应用的安全性与其有效性	The sertraline vs electrical current therapy for treating depression clinical study results from a factorial, randomized, controlled trial	JAMA PSYCHIATRY 70 (4): 383-391 APR 2013 http://cinausp.org/wp-content/uploads/2013/07/Brunoni-JAMA-Psych-2013.pdf	13
38	每日短暂接触亚洲女性面孔可改善白种婴儿	Brief daily exposures to Asian females reverses	J EXP CHILD PSYCHOL 112 (4): 484-495	11

	的知觉窄化 (Perceptual narrowing) 现象	perceptual narrowing for Asian faces in Caucasian infants	AUG 2012 http://ac.els-cdn.com/S0022096512000653/1-s2.0-S0022096512000653-main.pdf?_tid=0932a5e8-dfc6-11e3-9386-00000aab0f6c&cdnat=1400552920_a576a5bb2fb055d390e393799921886f	
39	同性恋或双性恋亲密关系对个体心理与行为的影响	Alternatives to monogamy among gay male couples in a community survey: implications for mental health and sexual risk	ARCH SEX BEHAV 42 (2): 303-312 FEB 2013 http://download.springer.com/static/pdf/204/art%253A10.1007%252Fs10508-011-9885-3.pdf?auth66=1400725948_89a0abe1c1149a4a3536d5d18eb87a0f&ext=.pdf	10
40	诊断为注意缺陷多动障碍 (attention-deficit/hyperactivity disorder, ADHD) 的青少年其认知速度缓慢 (Sluggish	Sluggish cognitive tempo among young adolescents with ADHD: relations to mental health, academic, and social functioning	J ATTEN DISORD 17 (8): 681-689 NOV 2013 http://jad.sagepub.com/content/17/8/681	10

	cognitive tempo, SCT)			
41	行为改变干预 (behavior change intervention) 中的行为改变技术 (behavior change techniques, BCTs) 的阶层式结构分类系统 (hierarchically structured taxonomy)	The behavior change technique taxonomy (v1) of 93 hierarchically clustered techniques: building an international consensus for the reporting of behavior change interventions	ANN BEHAVIORAL MED 46 (1): 81-95 AUG 2013 http://download.springer.com/static/pdf/212/art%253A10.1007%252Fs12160-013-9486-6.pdf?auth66=1400727697_666c8400dc76caff7cdceef7367e3566&ext=.pdf	9
42	从心理学、文化及生物学角度解释概念启动 (priming of concepts) 如何影响人们的后续行为	The affective meanings of automatic social behaviors: three mechanisms that explain priming	PSYCHOL REV 120 (1): 255-280 JAN 2013 http://cogsci.uwaterloo.ca/Articles/schroeder.affective.psychrev.2013.pdf	8
43	事件合理性 (event-based plausibility, EBP) 对言语理解的影响	Can readers ignore implausibility? evidence for nonstrategic monitoring of event-based plausibility in language comprehension	ACTA PSYCHOL 142 (1): 15-22 JAN 2013 http://ac.els-cdn.com/S0001691812001709/1-s2.0-S0001691812001709-main.pdf?_tid=5c19c7b4-dfee-11e3-bb07-00000aab0f01&a	8

			cdnat=1400570239_aa9dc703ce81e45072fbf7161bacae97	
44	每天摄入 40 毫克以上西酞普兰 (citalopram, 一种抗抑郁药) 是否会引发室性心律失常 (ventricular arrhythmias) 甚至致死	Evaluation of the FDA warning against prescribing citalopram at doses exceeding 40 mg	AMER J PSYCHIAT 170 (6): 642-650 JUN 2013 http://ajp.psychiatryonline.org/article.aspx?articleid=1685280	8
45	接触母语的时机对语音感知 (phonetic perception) 产生的影响	When does native language input affect phonetic perception? the precocious case of lexical tone	J MEM LANG 68 (2): 123-139 FEB 2013 http://www.sciencedirect.com/science/article/pii/S0749596X12001052	7
46	贝叶斯估计 (Bayesian estimation) 可取代 T 检验	Bayesian estimation supersedes the t test	J EXP PSYCHOL-GEN 142 (2): 573-603 MAY 2013 http://www.indiana.edu/~kruschke/BEST/BEST.pdf	7

47	女性产后抑郁发生的时机、自伤 (self-harm) 念头出现的比例与严重程度	Onset timing, thoughts of self-harm, and diagnoses in postpartum women with screen-positive depression findings	JAMA PSYCHIATRY 70 (5): 490-498 MAY 2013 http://www.ncbi.nlm.nih.gov/pubmed/23487258	7
48	军人和退伍老兵遭受的重复性创伤性脑损伤 (Traumatic brain injury, TBI) 与自杀风险之间的关系	Repetitive traumatic brain injury, psychological symptoms, and suicide risk in a clinical sample of deployed military personnel	JAMA PSYCHIATRY 70 (7): 686-691 JUL 2013 http://www.ncbi.nlm.nih.gov/pubmed/23676987	7
49	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	TRENDS COGN SCI 17 (10): 525-544 OCT 2013 http://ac.els-cdn.com/S1364661313001666/1-s2.0-S1364661313001666-main.pdf?_tid=441176ae-e0bf-11e3-b610-00000aab0f6c&acdnat=1400659963_411a2c9a757a6233d461ce311ea66443	7

50	男性同性恋之间的浪漫关系	Non-monogamy and sexual relationship quality among same-sex male couples	J FAMILY PSYCHOLOGY 26 (5): 669-677 OCT 2012 http://psycnet.apa.org/journals/fam/26/5/669.pdf	7
51	男性同性恋之间的浪漫关系与 HIV 感染	Factors associated with men in HIV-negative gay couples who practiced UAI within and outside of their relationship	AIDS BEHAV 17 (4): 1329-1337 MAY 2013 http://download.springer.com/static/pdf/612/art%253A10.1007%252Fs10461-012-0255-5.pdf?auth66=1400814612_00f4ed61cdd15db9282d7abca47cd135&ext=.pdf	6
52	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	BRIT J PSYCHIAT 202 (5): 329-335 MAY 2013 http://bjp.rcpsych.org/content/202/5/329.full.pdf+html	6

53	被诊断为自闭症的儿童成人后的社会功能	Social outcomes in mid- to later adulthood among individuals diagnosed with autism and average nonverbal iq as children	J AMER ACAD CHILD ADOLESC PSY 52 (6): 572-581 JUN 2013 http://www.sciencedirect.com/science/article/pii/S0890856713001615	5
54	首发精神病并缓解 (remitted first-episode psychosis, FEP) 的患者在一个持续 7 年的剂量减少/停用 (dose reduction/discontinuation, DR) 或维持治疗 (maintenance treatment, MT) 策略下的治愈率	Recovery in remitted first-episode psychosis at 7 years of follow-up of an early dose reduction/discontinuation or maintenance treatment strategy long-term follow-up of a 2-year randomized clinical trial	JAMA PSYCHIATRY 70 (9): 913-920 SEP 2013 http://www.psychodyssey.net/wp-content/uploads/2014/01/Recovery-in-remitted.pdf	5
55	衡量体育教学中的教师效能 (teacher effectiveness)	Measuring teacher effectiveness in physical education	RES QUART EXERCISE SPORT 84 (4): 407-418 DEC 1 2013 http://www.tandfonline.com/doi/pdf/10.1080/02701367.2013.844018	5

56	体育教师效能 (teacher effectiveness) 的研究	Physical education teacher effectiveness in a public health context	RES QUART EXERCISE SPORT 84 (4): 419-430 DEC 1 2013 http://www.ncbi.nlm.nih.gov/pubmed/24592772	5
57	体育教育中, 学科领域知识 (content knowledge) 对教学效果 (teaching effectiveness) 十分关键	The role of content knowledge in conceptions of teaching effectiveness in physical education	RES QUART EXERCISE SPORT 84 (4): 431-440 DEC 1 2013 http://www.ncbi.nlm.nih.gov/pubmed/24592773	5
58	对詹姆斯情绪理论 (James's theory of emotion, JATE) 的重建与发展	More on James and the physical basis of emotion	EMOT REV 6 (1): 35-46 JAN 2014 http://emr.sagepub.com/content/6/1/35.abstract	4
59	记忆的生存加工优势效应 (survival processing advantages of memory)	Adaptive memory: the survival-processing memory advantage is not due to negativity or mortality salience	MEM COGNITION 41 (4): 490-502 MAY 2013 http://link.springer.com/article/10.3758%2F	4

			s13421-012-0290-5#page-1	
60	综述：自闭症谱系障碍患者的情绪调节 (emotion regulation, ER)	The role of emotion regulation in autism spectrum disorder	J AMER ACAD CHILD ADOLESC PSY 52 (7): 679-688 JUL 2013 http://www.sciencedirect.com/science/article/pii/S0890856713003080	4
61	言语理解中的信息一致性	Validation in reading comprehension	CURR DIRECTIONS PSYCHOL SCI 22 (5): 361-366 OCT 2013 http://cdp.sagepub.com/content/22/5/361.abstract?rss=1	4
62	非甾体类抗炎药 (nonsteroidal anti-inflammatory drugs, NSAIDs) 治疗精神分裂症的效果与耐受性：元分析	Adjunctive use of nonsteroidal anti-inflammatory drugs for schizophrenia: a meta-analytic investigation of randomized controlled trials	SCHIZOPHRENIA BULL 39 (6): 1230-1241 NOV 2013 http://schizophreniabulletin.oxfordjournals.org/content/39/6/1230.full.pdf+html	4

63	综述: 信息搜寻 (Information-seeking)、好奇 与注意力	Information-seeking, curiosity, and attention: computational and neural mechanisms	TRENDS COGN SCI 17 (11): 585-593 NOV 2013 http://www.pyoudeyer.com/TICSCuriosity2013.pdf	3
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附表 2: ESI 2014 年 5 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	出处及原文或摘要链接	单篇被引
1	利用全基因组测序 (Whole-exome sequencing) 揭示自闭症谱系障碍相关的新生突变 (De novo mutation)	De novo mutations revealed by whole-exome sequencing are strongly associated with autism	<u>NATURE</u> 485 (7397): 237-U124 MAY 10 2012 http://www.nature.com/nature/journal/v485/n7397/pdf/nature10945.pdf	224
2	综述: 毒性A β 寡聚体 (Toxic A β oligomers) 促进AD神经退行性病变更发生	The toxic a beta oligomer and Alzheimers disease: an emperor in need of clothes	NAT NEUROSCI 15 (3): 349-357 MAR 2012 http://www.nature.com/neuro/journal/v15/n3/full/nn.3028.html	144
3	β 淀粉样前体蛋白 (Amyloid- β precursor protein, APP) 的编码突变 (Coding mutation) 可保护机体免于阿尔茨海默症等年龄相关认知损害	A mutation in APP protects against Alzheimers disease and age-related cognitive decline	<u>NATURE</u> 488 (7409): 96-99 AUG 2 2012 http://www.nature.com/nature/journal/v488/n7409/full/nature11283.html	144
4	脑网络组织中“成本”与所发挥功能间的	The economy of brain network organization	<u>NAT REV NEUROSCI</u> 13 (5): 336-349 MAY	122

	权衡 (Trade-off)		2012 http://www.neuroscience.cam.ac.uk/Uploads/nrn%20bullmore%20sporns%202012.pdf	
5	利用外显子测序发现 ASD 儿童存在插入/缺失 (Indels) 和点突变 (Point substitution)	De novo gene disruptions in children on the autistic spectrum	NEURON 74 (2): 285-299 APR 26 2012 http://www.sciencedirect.com/science/article/pii/S0896627312003406	122
6	借助基于神经信号的交互控制系统, 2 名长期四肢瘫痪患者成功控制机械手的三维运动并能够完成抓取东西的动作	Reach and grasp by people with tetraplegia using a neurally controlled robotic arm	NATURE 485 (7398): 372-U121 MAY 17 2012 http://www.nature.com/nature/journal/v485/n7398/pdf/nature11076.pdf	115
7	小神经胶质细胞 (Microglia) 在视网膜膝状体系统 (Retinogeniculate system) 中的作用	Microglia sculpt postnatal neural circuits in an activity and complement-dependent manner	NEURON 74 (4): 691-705 MAY 24 2012 http://www.sciencedirect.com/science/article/pii/S0896627312003340	110
8	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	Guidelines for the early management of patients with acute ischemic stroke a guideline for	STROKE 44 (3): 870-947 MAR 2013 http://stroke.ahajournals.org/content/early/2013	104

	stroke) 早期干预方针	healthcare professionals from the American heart association/American stroke association	/01/31/STR.0b013e318284056a.full.pdf	
9	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 http://www.nature.com/nrn/journal/v13/n6/full/nrn3241.html	98
10	灰质和白质的可塑性	Plasticity in gray and white: neuroimaging changes in brain structure during learning	<u>NAT NEUROSCI</u> 15 (4): 528-536 APR 2012 http://www.nature.com/neuro/journal/v15/n4/full/nn.3045.html	96
11	综述: FMRIB 软件图书馆	FSL	<u>NEUROIMAGE</u> 62 (2): 782-790 SP. ISS. SI AUG 15 2012 http://ac.els-cdn.com/S1053811911010603/1-s2_0-S1053811911010603-main.pdf?_tid=bc84085e-99f7-11e3-b937-00000aab0f01&acdnat=1392877685_2bdd4424cc1aa24e9272247718cc5ac <u>2</u>	93

12	基因编码的钙指标 (Genetically encoded calcium indicators) 的更新换代对在体神经元活动成像的推动: 从 GCaMP3 到 GCaMP5	Optimization of a GCaMP calcium indicator for neural activity imaging	<u>J NEUROSCI</u> 32 (40): 13819-13840 OCT 3 2012 http://www.jneurosci.org/content/32/40/13819.full.pdf+html	90
13	综述: 长时程增强中钙调素依赖型蛋白激酶 (Calcium/calmodulin-dependent protein kinase, CaMKII) 的作用	Mechanisms of CaMKII action in long-term potentiation	<u>NAT REV NEUROSCI</u> 13 (3): 169-182 MAR 2012 http://www.nature.com/nrn/journal/v13/n3/execution/summ/nrn3192.html	85
14	利用青少年群体大样本数据研究头动对静息态功能连接分析的影响	Impact of in-scanner head motion on multiple measures of functional connectivity: relevance for studies of neurodevelopment in youth	<u>NEUROIMAGE</u> 60 (1): 623-632 MAR 2012 http://www.sciencedirect.com/science/article/pii/S1053811911014650	76
15	综述: 利用光遗传学技术研究脑疾病模型动物的神经环路	Optogenetic investigation of neural circuits underlying brain disease in animal models	<u>NAT REV NEUROSCI</u> 13 (4): 251-266 APR 2012	73

			http://www.nature.com/nrn/journal/v13/n4/pdf/nrn3171.pdf	
16	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	<u>LANCET NEUROL</u> 12 (2): 207-216 FEB 2013 http://www.sciencedirect.com/science/article/pii/S1474442212702910	70
17	反应性胶质化的基因组分析	Genomic analysis of reactive astrogliosis	<u>J NEUROSCI</u> 32 (18): 6391-6410 MAY 2 2012 http://www.jneurosci.org/content/32/18/6391.full	70
18	慢性创伤性脑病 (Chronic traumatic encephalopathy)	The spectrum of disease in chronic traumatic encephalopathy	<u>BRAIN</u> 136: 43-64 PART 1 JAN 2013 http://brain.oxfordjournals.org/content/early/2012/12/02/brain.aws307.full	69
19	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	<u>NATURE</u> 491 (7423): 212-+ NOV 8 2012 http://www.nature.com/nature/journal/v491/n74	69

			23/full/nature11527.html	
20	综述: 正常与病理状态下的神经胶质细胞	Glial cells in (patho)physiology	J NEUROCHEM 121 (1): 4-27 APR 2012 http://onlinelibrary.wiley.com/doi/10.1111/j.1471-4159.2012.07664.x/abstract	67
21	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 http://ling.umd.edu/~ellenlau/courses/ling646/P_rice_2012.pdf	67
22	利用狂犬病毒 (Rabies virus) 追踪中脑多巴胺神经元的直接输入	Whole-brain mapping of direct inputs to midbrain dopamine neurons	NEURON 74 (5): 858-873 JUN 7 2012 http://www.sciencedirect.com/science/article/pii/S0896627312002814	66
23	额颞叶变性/肌萎缩性脊髓侧索硬化症 (FTLD/ALS) 中, 在 C9orf72 基因特定位点出现 GGGGCC 异常重复, 并最终合成相应蛋白	The C9orf72 GGGGCC repeat is translated into aggregating dipeptide-repeat proteins in FTLD/ALS	SCIENCE 339 (6125): 1335-1338 MAR 15 2013 http://www.sciencemag.org/content/339/6125/1335.abstract	65

24	针对脊髓受损导致的瘫痪，本文介绍一种电化学神经假体（electrochemical neuroprosthesis）和人机接口技术以帮助模型大鼠重建自主运动控制功能	Restoring voluntary control of locomotion after paralyzing spinal cord injury	SCIENCE 336 (6085): 1182-1185 JUN 1 2012 http://www.sciencemag.org/content/336/6085/1182.full.pdf	63
25	综述：抑郁症的突触功能障碍	Synaptic dysfunction in depression: potential therapeutic targets	SCIENCE 338 (6103): 68-72 OCT 5 2012 https://www.sciencemag.org/content/338/6103/68	59
26	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 http://www.nature.com/nature/journal/v489/n7416/full/nature11405.html	57
27	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 2005-2009	NEURO-ONCOLOGY 14: V1-V49 SUPPL. 5 NOV 2012 http://neuro-oncology.oxfordjournals.org/content/14/suppl_5/v1.extract	56

28	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	<u>NAT REV NEUROSCI</u> 14 (5): 365-376 MAY 2013 http://www.nature.com/nrn/journal/v14/n5/full/nrn3475.html	53
29	利用光遗传学和药物遗传学工具研究饥饿敏感的 AGRP 神经元与相关神经群落间突触的连接是如何调节饥饿的	Deconstruction of a neural circuit for hunger	NATURE 488 (7410): 172-177 AUG 9 2012 http://www.nature.com/nature/journal/v488/n7410/full/nature11270.html	53
30	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	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_0f13f2af1e2401c8a9e06fddb7a2b33	52
31	综述：肠道微生物对脑与行为的影响	Mind-altering microorganisms: the impact of the gut microbiota on brain and behavior	<u>NAT REV NEUROSCI</u> 13 (10): 701-712 OCT 2012	52

			http://www.nature.com/nrn/journal/v13/n10/pdf/nrn3346.pdf	
32	精神分裂症易感基因的整合功能基因组 (Convergent functional genomics) 分析: 从概述到遗传风险预测	Convergent functional genomics of schizophrenia: from comprehensive understanding to genetic risk prediction	<u>MOL PSYCHIATR</u> 17 (9): 887-905 SEP 2012 http://www.nature.com/mp/journal/v17/n9/pdf/mp201237a.pdf	51
33	综述: 功能性近红外光谱技术 (Functional near-infrared spectroscopy, fNIRS) 的发展与应用	A brief review on the history of human functional near-infrared spectroscopy (fNIRS) development and fields of application	<u>NEUROIMAGE</u> 63 (2): 921-935 NOV 1 2012 http://www.ucl.ac.uk/medphys/staff/people/neverdell/www/papers/ferrari_ni_2012.pdf	50
34	FUS/TLS 和 TDP-43 作为肌萎缩性脊髓侧索硬化症的两种主要致病蛋白, 通过作用于共同通路最终导致运动神经元退化	Divergent roles of ALS-linked proteins FUS/TLS and TDP-43 intersect in processing long pre-mRNAs	<u>NAT NEUROSCI</u> 15 (11): 1488-1497 NOV 2012 http://www.nature.com/neuro/journal/v15/n11/full/nn.3230.html	50
35	基因和童年创伤的交互作用	Allele-specific FKBP5 DNA demethylation mediates gene-childhood trauma interactions	<u>NAT NEUROSCI</u> 16 (1): 33-U59 JAN 2013 http://www.nature.com/neuro/journal/v16/n1/fu	49

			ll/nn.3275.html	
36	通过控制中脑多巴胺神经元可快速调节抑郁相关行为	Rapid regulation of depression-related behaviours by control of midbrain dopamine neurons	<u>NATURE</u> 493 (7433): 532-+ JAN 24 2013 http://www.nature.com/nature/journal/vaop/ncurrent/full/nature11713.html	49
37	神经成像学的证据不支持青春期简单的额叶不成熟模型。更多的证据指向青春期开始的社会与情感过程改变的重要性	Understanding adolescence as a period of social-affective engagement and goal flexibility	<u>NAT REV NEUROSCI</u> 13 (9): 636-650 SEP 2012 http://www.nature.com/nrn/journal/v13/n9/full/nrn3313.html	49
38	胆碱能神经元的同步活动可直接发放信号促使纹状体多巴胺释放	Striatal dopamine release is triggered by synchronized activity in cholinergic interneurons	<u>NEURON</u> 75 (1): 58-64 JUL 12 2012 http://www.stanford.edu/group/dlab/papers/Threlfell%20Neuron%202012.pdf	48
39	关于 FreeSurfer 的综述	Freesurfer	<u>NEUROIMAGE</u> 62 (2): 774-781 SP. ISS. SI AUG 15 2012 http://www.sciencedirect.com/science/article/pii/S1053811912000389	47

40	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	<u>NATURE</u> 495 (7442): 467-+ MAR 28 2013 http://www.nature.com/nature/journal/v495/n7442/full/nature11922.html	46
41	综述: 中脑边缘多巴胺 (Mesolimbic Dopamine) 在动机中的作用	The mysterious motivational functions of mesolimbic dopamine	<u>NEURON</u> 76 (3): 470-485 NOV 8 2012 http://www.sciencedirect.com/science/article/pii/S0896627312009415	44
42	小神经胶质细胞 (Microglia): 替罪羊, 破坏者, 或是其他?	Microglia: scapegoat, saboteur, or something else?	<u>SCIENCE</u> 339 (6116): 156-161 JAN 11 2013 http://www.usz.ch/SiteCollectionDocuments/Medienmitteilungen/130111_microglia.pdf	43
43	综述: 谷氨酸依赖的神经胶质钙信号活动在成年大脑和发育期大脑完全不同	Glutamate-dependent neuroglial calcium signaling differs between young and adult brain	<u>SCIENCE</u> 339 (6116): 197-200 JAN 11 2013 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2330774/	41
44	功能近红外光谱技术 (functional near infrared spectroscopy, FNIRS) 使用中,	The physiological origin of task-evoked systemic artefacts in functional near infrared spectroscopy	<u>NEUROIMAGE</u> 61 (1): 70-81 MAY 15 2012 http://www.sciencedirect.com/science/article/pii/S1053811912009415	41

	系统伪影 (artefacts) 的生理学机制		i/S1053811912002595	
45	外侧缰核 (lateral habenula, LHb) 向吻内侧被盖核 (rostromedial tegmental nucleus, RMTg) 的兴奋性投射可促进负强化反应	Activation of lateral habenula inputs to the ventral midbrain promotes behavioral avoidance	NAT NEUROSCI 15 (8): 1105-+ AUG 2012 http://www.nature.com/neuro/journal/v15/n8/full/nn.3145.html	41
46	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	NAT REV NEUROSCI 14 (1): 7-23 JAN 2013 http://www.nature.com/nrn/journal/v14/n1/full/nrn3379.html	40
47	综述: 肌萎缩性脊髓侧索硬化症发病机理的发展	The changing scene of amyotrophic lateral sclerosis	NAT REV NEUROSCI 14 (4): 248-264 APR 2013 http://www.nature.com/nrn/journal/v14/n4/full/nrn3430.html	33
48	综述: 同种细胞自组织 (self-organization) 形成器官/组织的原	Activity-dependent neuronal signalling and autism spectrum disorder	NATURE 493 (7432): 327-337 JAN 17 2013 http://www.nature.com/nature/journal/v493/n74	32

	则和机制		32/full/nature11860.html	
49	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)	<u>CEPHALALGIA</u> 33 (9): 629-808 JUL 2013 http://cep.sagepub.com/content/33/9/629.full	32
50	用于神经活动成像的超敏荧光蛋白	Ultrasensitive fluorescent proteins for imaging neuronal activity	<u>NATURE</u> 499 (7458): 295-+ JUL 18 2013 http://www.nature.com/nature/journal/v499/n7458/full/nature12354.html	32
51	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	<u>NEUROIMAGE</u> 76 (1): 183-201 AUG 1 2013 http://www.sciencedirect.com/science/article/pii/S1053811913002127	29
52	NMDA 受体亚型多样性	NMDA receptor subunit diversity: impact on receptor properties, synaptic plasticity and disease	<u>NAT REV NEUROSCI</u> 14 (6): 383-400 JUN 2013 http://www.nature.com/nrn/journal/v14/n6/full/nrn3504.html	28

53	载脂蛋白 E 与阿尔茨海默症	Apolipoprotein E and Alzheimer disease: risk, mechanisms and therapy	NAT REV NEUROL 9 (2): 106-118 FEB 2013 http://info.wp.xmulib.org/files/2013/01/20130108-nrneurol.2012.263-Apolipoprotein-E-and-Alzheimer-disease-risk-mechanisms-and-therapy.pdf	26
54	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 DEMENT 9 (2): 208-245 MAR 2013 http://www.sciencedirect.com/science/article/pii/S1552526013000769	26
55	Theta 与 gamma 震荡的交互作用	The theta-gamma neural code	NEURON 77 (6): 1002-1016 MAR 20 2013 http://www.sciencedirect.com/science/article/pii/S0896627313002316	24
56	综述: 通过血脑屏障的药物转运	Drug transport across the blood-brain barrier	J CEREBR BLOOD FLOW METABOL 32 (11): 1959-1972 NOV 2012	24

			http://www.nature.com/jcbfm/journal/v32/n11/pdf/jcbfm2012126a.pdf	
57	综述：关于肌萎缩性脊髓侧索硬化症的争议	Controversies and priorities in amyotrophic lateral sclerosis	LANCET NEUROL 12 (3): 310-322 MAR 2013 http://www.sciencedirect.com/science/article/pii/S147444221370036X	23
58	肌张力失常 (dystonia)	Phenomenology and classification of dystonia: a consensus update	MOVEMENT DISORD 28 (7): 863-873 JUN 15 2013 http://www.movementdisorders.org/MDS-Files/1/PDFs/Task-Force-Papers/mdsDystoniaPaper2014.pdf	22
59	终纹床核 (bed nucleus of the stria terminalis, BNST) 作为泛杏仁核 (extended amygdala) 的组成部分在动	Distinct extended amygdala circuits for divergent motivational states	NATURE 496 (7444): 224-+ APR 11 2013 http://www.nature.com/nature/journal/v496/n7444/full/nature12041.html	21

	机调控中的作用			
60	综述: 星形胶质细胞在神经环路发育中的作用	Emerging roles of astrocytes in neural circuit development	NAT REV NEUROSCI 14 (5): 311-321 MAY 2013 http://www.nature.com/nrn/journal/v14/n5/full/nrn3484.html	21
61	癫痫 (Epilepsy) 发作时知觉的短暂丧失	Impaired consciousness in epilepsy	LANCET NEUROL 11 (9): 814-826 SEP 2012 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3732214/	19
62	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	NEUROLOGY 80 (19): 1778-1783 MAY 2013 http://www.ncbi.nlm.nih.gov/pubmed/2339018 <u>1</u>	18
63	综述: 海马、杏仁核和内侧前额叶等情景依赖行为中的角色	The contextual brain: implications for fear conditioning, extinction and psychopathology	NAT REV NEUROSCI 14 (6): 417-428 JUN 2013	16

			http://www.nature.com/nrn/journal/v14/n6/pdf/nrn3492.pdf	
64	果蝇视觉系统中视觉运动的检测	A visual motion detection circuit suggested by drosophila connectomics	NATURE 500 (7461): 175-+ AUG 8 2013 http://www.nature.com/nature/journal/v500/n7461/full/nature12450.html	14
65	利用光遗传技术研究强迫症	Optogenetic stimulation of lateral orbitofronto-striatal pathway suppresses compulsive behaviors	SCIENCE 340 (6137): 1243-1246 JUN 7 2013 http://www.sciencemag.org/content/340/6137/1243	13
66	多巴胺神经元信号转导与学习之间是否存在因果关系	A causal link between prediction errors, dopamine neurons and learning	NAT NEUROSCI 16 (7): 966-U248 JUL 2013 http://www.nature.com/neuro/journal/v16/n7/full/nn.3413.html	13
67	光遗传学技术应用中的阻碍与相应解决办法	Targeting neurons and photons for optogenetics	NAT NEUROSCI 16 (7): 805-815 JUL 2013 http://www.nature.com/neuro/journal/v16/n7/full/	12

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68	GABA 能抑制 (GABAergic inhibition)	Compartmentalization of GABAergic inhibition by dendritic spines	SCIENCE 340 (6133): 759-762 MAY 10 2013 http://interactomics.kist.re.kr/Journal/0607w-suple-Compartmentalization%20of%20GABAergic%20Inhibition%20by%20Dendritic%20Spines.pdf	11
69	对 NMDA 受体的兴奋性或抑制性进行调节的物质对治疗精神分裂症和情感障碍有潜在作用	Glutamate modulators as potential therapeutic drugs in schizophrenia and affective disorders	EUR ARCH PSYCHIAT CLIN NEUROS 263 (5): 367-377 AUG 2013 http://download.springer.com/static/pdf/505/article_253A10.1007%252Fs00406-013-0399-y.pdf?auth66=1401437787_8e8e1b0acc77c8af0fedbcf7d8d1973a&ext=.pdf	10
70	酮酯饮食 (ketone ester-based diet) 可以减少阿尔茨海默症模型小鼠的 A β 和 tau	A ketone ester diet exhibits anxiolytic and cognition-sparing properties, and lessens amyloid	NEUROBIOL AGING 34 (6): 1530-1539 JUN 2013	9

	蛋白	and tau pathologies in a mouse model of Alzheimers disease	http://www.ncbi.nlm.nih.gov/pubmed/2327638 4	
71	皮层 GABA 能中间神经元	Lineage-specific laminar organization of cortical gabaergic interneurons	NAT NEUROSCI 16 (9): 1199-U64 SEP 2013 http://www.nature.com/neuro/journal/v16/n9/full/n16093485a.html	8
72	神经退行性疾病中致病蛋白的聚集	Self-propagation of pathogenic protein aggregates in neurodegenerative diseases	NATURE 501 (7465): 45-51 SEP 5 2013 http://www.nature.com/nature/journal/v501/n7465/full/nature12481.html	8
73	发现一种叫做 VIP 中间神经元的抑制性 神经元，在皮层多个区域内专门负责抑 制其它的抑制性神经元，即去抑制 (disinhibitory) 神经元	Cortical interneurons that specialize in disinhibitory control	NATURE 503 (7477): 521-+ NOV 28 2013 http://www.nature.com/nature/journal/v503/n7477/full/nature12676.html	8
74	利用弥散 MRI 研究白质纤维构造	Investigating the prevalence of complex fiber configurations in white matter tissue with diffusion	HUM BRAIN MAPP 34 (11): 2747-2766 NOV 2013	8

		magnetic resonance imaging	http://onlinelibrary.wiley.com/doi/10.1002/hbm.22099/abstract	
75	德国一项针对酒精依赖患者的随机双盲、安慰剂对照药物试验研究（名为 PREDICT Study）及其与美国的 COMBINE Study 研究的比较	Results of a double-blind, placebo-controlled pharmacotherapy trial in alcoholism conducted in Germany and comparison with the US COMBINE study	ADDICT BIOL 18 (6): 937-946 NOV 2013 http://onlinelibrary.wiley.com/doi/10.1111/adb.12012/full	7
76	灵长类外室管膜下区（又称外脑室下区，outer subventricular zone, OSVZ）的细胞来源	Precursor diversity and complexity of lineage relationships in the outer subventricular zone of the primate	NEURON 80 (2): 442-457 OCT 16 2013 http://198.81.200.84/neuron/abstract/S0896-6273(13)00863-5	6
77	利用听觉新异性（auditory novelty）反应研究无反应（unresponsive）患者的残留意识（residual consciousness）	Single-trial decoding of auditory novelty responses facilitates the detection of residual consciousness	NEUROIMAGE 83: 726-738 DEC 2013 http://www.sciencedirect.com/science/article/pii/S1053811913007684	6
78	改进近红外光谱仪（Near-Infrared	Further improvement in reducing superficial	NEUROIMAGE 85: 127-135 PART 1 SP. ISS.	5

	Spectroscopy , NIRS) 使用中由于系统干扰导致的信号污染	contamination in nirs using double short separation measurements	SI JAN 15 2014 http://www.sciencedirect.com/science/article/pii/S1053811913001201	
79	量化组织内血红蛋白浓度和氧饱和度的动力模型	Dynamic model for the tissue concentration and oxygen saturation of hemoglobin in relation to blood volume, flow velocity, and oxygen consumption: implications for functional neuroimaging and coherent hemodynamics spectroscopy (CHS)	NEUROIMAGE 85: 202-221 PART 1 SP. ISS. SI JAN 15 2014 http://www.sciencedirect.com/science/article/pii/S1053811913003157	5
80	利用近红外光谱仪 (near infrared spectroscopy, NIRS) 研究新生儿躯体感觉皮层激活时大脑的代谢情况	利用近红外光谱仪 (near infrared spectroscopy, NIRS) 研究新生儿躯体感觉皮层激活时的大脑的代谢情况	NEUROIMAGE 85: 279-286 PART 1 SP. ISS. SI JAN 15 2014 http://www.sciencedirect.com/science/article/pii/S1053811913000827	5
81	Red-activatable ChR (ReaChR), 一种光敏	ReaChR: a red-shifted variant of channelrhodopsin	NAT NEUROSCI 16 (10): 1499-+ OCT 2013	5

	感通道 (Channelrhodopsins, ChRs) 的变体	enables deep transcranial optogenetic excitation	http://www.nature.com/neuro/journal/v16/n10/full/nn.3502.html	
82	外侧下丘脑 (lateral hypothalamus, LH) 在觅食行为 (feeding behaviors) 中的作用	The inhibitory circuit architecture of the lateral hypothalamus orchestrates feeding	SCIENCE 341 (6153): 1517-1521 SEP 27 2013 http://www.sciencemag.org/content/341/6153/1517.full	5
83	一种新的血流动力学模型	Validation of a novel hemodynamic model for coherent hemodynamics spectroscopy (CHS) and functional brain studies with fNIRS and fMRI	NEUROIMAGE 85: 222-233 PART 1 SP. ISS. SI JAN 15 2014 http://www.sciencedirect.com/science/article/pii/S1053811913002863	4