

# ESI 中心理学及相关领域热点论文 信息推送

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## ESI 中心理学及相关领域热点论文信息推送

### ——基于 2014 年 9 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 4 月至 2014 年 4 月发表的文章中, 在 2014 年 5 月和 6 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 9 月 10 日。

本期 ESI 发布精神病学/心理学领域的热点文章 66 篇, 其中首次入榜文章 45 篇。单篇最高被引 76 次, 最低被引 3 次。被引 76 次的文章由英国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 Barr DJ 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)。首次入榜的 45 篇中单篇最高被引 42 次, 由英国谢菲尔德大学心理系 (Psychology Department, University of Sheffield) 的 Webb TL 等人合作发表在 *Psychological Bulletin* 上标题为 “Dealing with feeling: a meta-analysis of the effectiveness of strategies derived from the process model of emotion regulation”, 比较了多种情绪调节加工模型的不同效应。

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:

- 1-17: 情绪调节知觉和注意的脑机制;
- 1-25: 注意与意识;
- 1-41: 关于认知心理学中冲突适应 (Conflict adaptation) 的综述;
- 1-42: DSM-5 关于物质滥用障碍的诊断标准 (综述);
- 1-52: 关于领导力的综述;
- 1-56: 单个被试试验设计量表 (the Single-Case Experimental Design Scale) 的修订;
- 1-57: 个体在生命晚期发生的认知、感觉以及与自我相关的功能等方面的改变;
- 1-62: 对恐惧面孔的快速觉察依赖于高空间频率 (high-spatial-frequency) 信息;
- 1-66: 学龄前儿童分享预期 (sharing expectations) 与分享行为 (sharing behavior);

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 81 篇, 其中首次入榜文章 49 篇。单篇最高被引

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197 次，最低被引 3 次。被引 197 次的文章由美国心脏病协会会员（Fellow of the American Heart Association, FAHA）Jauch EC 等人合作发表在 *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。值得关注的是，首次入榜单篇最高被引 63 次的文章为我所左西年研究员课题组的成果，发表在 *Cerebral Cortex* 上，标题为“Network centrality in the human functional connectome”，关于人类功能连接组的网络中心性。

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：

2-38: 基底外侧杏仁核 (basolateral amygdala, BLA) 和腹侧海马 (ventral hippocampus, vHPC) 在恐惧信号传导中的作用；

2-46: 执行复杂认知任务的混合选择性神经元 (mixed selectivity neurons)；

2-54: 果蝇视觉系统中视觉运动的检测；

2-55: 反应控制的行为与神经基础；

2-64: 人脑结构连接中的性别差异；

2-65: 静息态下的全脑连接动力学；

2-68: 人脑中背侧和腹侧视觉加工系统；

2-80: 神经系统表观遗传修饰 (Epigenetic modification) 及其对认知损害的影响。

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 9 月更新的精神病学/心理学领域热点论文

注: 红色为首次入榜文章或领域; 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	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 <a href="http://www.sciencedirect.com/science/article/pii/S0749596X12001180">http://www.sciencedirect.com/science/article/pii/S0749596X12001180</a>	76
2	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	<u>ARCH GEN PSYCHIAT</u> 69 (8): 776-786 AUG 2012 <a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1151090">http://archpsyc.jamanetwork.com/article.aspx?articleid=1151090</a>	73
3	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 <a href="http://psycnet.apa.org/index.cfm?fa=search_displayRecord&amp;id=FDD6344C-AE42-CD6D-A4E6-7608566D9F94&amp;resultID=1&amp;page">http://psycnet.apa.org/index.cfm?fa=search_displayRecord&amp;id=FDD6344C-AE42-CD6D-A4E6-7608566D9F94&amp;resultID=1&amp;page</a>	58

			<a href="#">=1&amp;dbTab=all&amp;search=true</a>	
4	加拿大情绪和焦虑治疗网络 (Canadian Network for Mood and Anxiety Treatments, CANMAT) 和国际双相情感障碍联盟 (International society for bipolar disorders) 合作更新 CANMAT 双相障碍患者管理指导方针 (2013 版)	Canadian network for mood and anxiety treatments (CANMAT) and international society for bipolar disorders (ISBD) collaborative update of CANMAT guidelines for the management of patients with bipolar disorder: update 2013	<a href="#">BIPOLAR DISORD 15 (1): 1-44 FEB 2013</a> <a href="http://www.ncbi.nlm.nih.gov/pubmed/23237061">http://www.ncbi.nlm.nih.gov/pubmed/23237061</a>	55
5	执行功能	Executive functions	<a href="#">ANNU REV PSYCHOL 64: 135-168 2013</a> <a href="http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-113011-143750">http://www.annualreviews.org/doi/pdf/10.1146/annurev-psych-113011-143750</a>	52
6	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	<a href="#">JAMA PSYCHIATRY 70 (1): 31-41 JAN 2013</a> <a href="https://archpsyc.jamanetwork.com/multimediaPlayer.aspx?mediaid=5355369">https://archpsyc.jamanetwork.com/multimediaPlayer.aspx?mediaid=5355369</a>	52

7	科学乌托邦 2	Scientific utopia: ii. restructuring incentives and practices to promote truth over publishability	PSYCHOL INQ 23 (3): 217-243 2012 <a href="http://www.tandfonline.com/doi/pdf/10.1080/1047840X.2012.692215">http://www.tandfonline.com/doi/pdf/10.1080/1047840X.2012.692215</a>	48
8	情绪调节的加工模型	Dealing with feeling: a meta-analysis of the effectiveness of strategies derived from the process model of emotion regulation	PSYCHOL BULL 138 (4): 775-808 JUL 2012 <a href="http://www.ncbi.nlm.nih.gov/pubmed/22582737">http://www.ncbi.nlm.nih.gov/pubmed/22582737</a>	42
9	可复制性危机 (Replicability Crisis) 是否被夸大?	Is the replicability crisis overblown? three arguments examined	<u>PERSPECT PSYCHOL SCI</u> 7 (6): 531-536 NOV 2012 <a href="http://pps.sagepub.com/content/7/6/531.full.pdf+html">http://pps.sagepub.com/content/7/6/531.full.pdf+html</a>	38
10	首发重症抑郁的认知缺陷: 综述与元分析	A meta-analysis of cognitive deficits in first-episode major depressive disorder	J AFFECT DISORDERS 140 (2): 113-124 OCT 2012 <a href="http://www.sciencedirect.com/science/article">http://www.sciencedirect.com/science/article</a>	36

			<a href="http://psycnet.apa.org/journals/met/17/3/313">e/pii/S0165032711006720</a>	
11	贝叶斯结构方程模型 (Bayesian structural equation modeling)	Bayesian structural equation modeling: a more flexible representation of substantive theory	PSYCHOL METHODS 17 (3): 313-335 SEP 2012 <a href="http://psycnet.apa.org/journals/met/17/3/313">http://psycnet.apa.org/journals/met/17/3/313</a> .pdf	35
12	自身产生的心理活动 (self-generated mental activity)	Distinguishing how from why the mind wanders: a process-occurrence framework for self-generated mental activity	PSYCHOL BULL 139 (3): 519-535 MAY 2013 <a href="http://psycnet.apa.org/journals/bul/139/3/519">http://psycnet.apa.org/journals/bul/139/3/519</a> .pdf	34
13	心理学研究的重复	Replications in psychology research: how often do they really occur?	<u>PERSPECT PSYCHOL SCI</u> 7 (6): 537-542 NOV 2012 <a href="http://pps.sagepub.com/content/7/6/537.full">http://pps.sagepub.com/content/7/6/537.full</a> pdf	34
14	认知行为疗法的效力: 综述与元分析	The efficacy of cognitive behavioral therapy: a	COGNITIVE THER RES 36 (5): 427-440	33

		review of meta-analyses	OCT 2012 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3584580/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3584580/</a>	
15	心理学中的显著性	The rules of the game called psychological science	PERSPECT PSYCHOL SCI 7 (6): 543-554 NOV 2012 <a href="http://pps.sagepub.com/content/7/6/543.abstract">http://pps.sagepub.com/content/7/6/543.abstract</a>	33
16	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	<u>J EXP PSYCHOL-GEN</u> 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>	31
17	情绪调节知觉和注意的脑机制	Brain mechanisms for emotional influences on perception and attention: what is magic and what is not	BIOL PSYCHOL 92 (3): 492-512 SP. ISS. SI MAR 2013 <a href="http://www.sciencedirect.com/science/article/pii/S0301051112000294">http://www.sciencedirect.com/science/article/pii/S0301051112000294</a>	30



18	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 <a href="http://download.springer.com/static/pdf/212/art%253A10.1007%252Fs12160-013-9486-6.pdf?auth66=1400727697_666c8400dc76caff7cdceef7367e3566&amp;ext=.pdf">http://download.springer.com/static/pdf/212/art%253A10.1007%252Fs12160-013-9486-6.pdf?auth66=1400727697_666c8400dc76caff7cdceef7367e3566&amp;ext=.pdf</a>	30
19	精神疾病的公众“污名”(stigma)	Challenging the public stigma of mental illness: a meta-analysis of outcome studies	PSYCHIATR SERVICES 63 (10): 963-973 OCT 2012 <a href="http://psychiatryonline.org/data/Journals/PS/S/25164/963.pdf">http://psychiatryonline.org/data/Journals/PS/S/25164/963.pdf</a>	30
20	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 <a href="http://www.psychologie.hu-berlin.de/prof/peer/pdf/2013/Replicability_target_Peer_comm">http://www.psychologie.hu-berlin.de/prof/peer/pdf/2013/Replicability_target_Peer_comm</a>	29

			<a href="#">entary.pdf</a>	
21	综述：腹侧视觉通路	The ventral visual pathway: an expanded neural framework for the processing of object quality	TRENDS COGN SCI 17 (1): 26-49 JAN 2013 <a href="http://www.sciencedirect.com/science/article/pii/S1364661312002471">http://www.sciencedirect.com/science/article/pii/S1364661312002471</a>	26
22	心理学研究的可重复性	An open, large-scale, collaborative effort to estimate the reproducibility of psychological science	PERSPECT PSYCHOL SCI 7 (6): 657-660 NOV 2012 <a href="http://pps.sagepub.com/content/7/6/657.short?rss=1&amp;ssource=mfr">http://pps.sagepub.com/content/7/6/657.short?rss=1&amp;ssource=mfr</a>	23
23	精神分裂症患者的共病与死亡率	Comorbidities and mortality in persons with schizophrenia: a Swedish national cohort study	AMER J PSYCHIAT 170 (3): 324-333 MAR 2013 <a href="http://ajp.psychiatryonline.org/data/Journals/AJP/926441/324.pdf">http://ajp.psychiatryonline.org/data/Journals/AJP/926441/324.pdf</a>	22

24	细胞因子在脑中的靶标	Cytokine targets in the brain: impact on neurotransmitters and neurocircuits	<p><u>DEPRESS ANXIETY</u> 30 (4): 297-306 APR 2013</p> <p><a href="http://onlinelibrary.wiley.com/doi/10.1002/d.a.22084/abstract">http://onlinelibrary.wiley.com/doi/10.1002/d.a.22084/abstract</a></p>	22
25	注意与意识	The attentional requirements of consciousness	<p>TRENDS COGN SCI 16 (8): 411-417 AUG 2012</p> <p><a href="http://camplab.psych.yale.edu/articles/Cohen_2012_TICS.pdf">http://camplab.psych.yale.edu/articles/Cohen_2012_TICS.pdf</a></p>	22
26	心理学统计检验力	The ironic effect of significant results on the credibility of multiple-study articles	<p>PSYCHOL METHODS 17 (4): 551-566 DEC 2012</p> <p><a href="http://psycnet.apa.org/journals/met/17/4/551.pdf">http://psycnet.apa.org/journals/met/17/4/551.pdf</a></p>	22
27	翻译和改编测验的指导原则	International test commission guidelines for test translation and adaptation: second edition	<p><u>PSICOTHEMA</u> 25 (2): 151-157 MAY 2013</p> <p><a href="http://www.intestcom.org/upload/sitefiles/40.pdf">http://www.intestcom.org/upload/sitefiles/40.pdf</a></p>	18

28	综述：人类合作	Human cooperation	<u>TRENDS COGN SCI</u> 17 (8): 413-425 AUG 2013 <a href="http://www.sciencedirect.com/science/article/pii/S1364661313001216">http://www.sciencedirect.com/science/article/pii/S1364661313001216</a>	17
29	精神动力疗法与认知行为疗法治疗社交恐惧症 (Social anxiety disorder)	Psychodynamic therapy and cognitive-behavioral therapy in social anxiety disorder: a multicenter randomized controlled trial	<u>AMER J PSYCHIAT</u> 170 (7): 759-767 JUL 2013 <a href="http://ajp.psychiatryonline.org/article.aspx?articleID=1688271">http://ajp.psychiatryonline.org/article.aspx?articleID=1688271</a>	16
30	贝叶斯检验 (Bayesian tests)	Revised standards for statistical evidence	<u>PROC NAT ACAD SCI USA</u> 110 (48): 19313-19317 NOV 26 2013 <a href="http://www.stat.tamu.edu/~vjohnson/files/PNAS2013.pdf">http://www.stat.tamu.edu/~vjohnson/files/PNAS2013.pdf</a>	16
31	心理授权 (Psychological empowerment)	Toward relational empowerment	<u>AMER J COMMUN PSYCHOL</u> 50 (1-2): 114-128 SEP 2012 <a href="http://download.springer.com/static/pdf/375/art%253A10.1007%252Fs10464-011-9483-">http://download.springer.com/static/pdf/375/art%253A10.1007%252Fs10464-011-9483-</a>	16

			<a href="#">5.pdf?auth66=1411884031_05bfce8c2bbec633eb82d015cef7c45c&amp;ext=.pdf</a>	
32	工作场所中的隐形残疾 (Invisible Disabilities)	Invisible disabilities: unique challenges for employees and organizations	IND ORGAN PSYCHOL 7 (2): 204-219 JUN 2014 <a href="http://onlinelibrary.wiley.com/doi/10.1111/iops.12134/abstract">http://onlinelibrary.wiley.com/doi/10.1111/iops.12134/abstract</a>	15
33	中介分析 (Mediation analysis)	Mediation analysis allowing for exposure-mediator interactions and causal interpretation: theoretical assumptions and implementation with SAS and SPSS macros	PSYCHOL METHODS 18 (2): 137-150 JUN 2013 <a href="http://psycnet.apa.org/psycinfo/2013-03476-001/">http://psycnet.apa.org/psycinfo/2013-03476-001/</a>	15
34	抗抑郁治疗后白介素-6、C 反应蛋白和白介素-10 的水平: 元分析	Interleukin-6, c-reactive protein and interleukin-10 after antidepressant treatment in people with depression: a meta-analysis	PSYCHOL MED 42 (10): 2015-2026 OCT 2012 <a href="http://journals.cambridge.org/download.php?file=%2FPSM%2FPSM42_10%2FS00332">http://journals.cambridge.org/download.php?file=%2FPSM%2FPSM42_10%2FS00332</a>	15

			<a href="#">91712000128a.pdf&amp;code=79829cf297147ffb3592b187924f0996</a>	
35	综述：双相障碍	The clinical implications of cognitive impairment and allostatic load in bipolar disorder	EUR PSYCHIAT 28 (1): 21-29 JAN 2013 <a href="http://www.sciencedirect.com/science/article/pii/S0924933811001842">http://www.sciencedirect.com/science/article/pii/S0924933811001842</a>	14
36	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 <a href="http://www.indiana.edu/~kruschke/BEST/BEST.pdf">http://www.indiana.edu/~kruschke/BEST/BEST.pdf</a>	14
37	精神分裂症	The myth of schizophrenia as a progressive brain disease	SCHIZOPHRENIA BULL 39 (6): 1363-1372 NOV 2013 <a href="http://schizophreniabulletin.oxfordjournals.org/content/39/6/1363.full.pdf+html">http://schizophreniabulletin.oxfordjournals.org/content/39/6/1363.full.pdf+html</a>	14

38	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	NATURE 504 (7480): 427-+ DEC 19 2013 <a href="http://www.nature.com/nature/journal/v504/n7480/full/nature12715.html">http://www.nature.com/nature/journal/v504/n7480/full/nature12715.html</a>	14
39	循证精神卫生护理评估	Assessing the evidence base for behavioral health services: introduction to the series	<u>PSYCHIATR SERVICES</u> 65 (1): 11-15 JAN 2014 <a href="http://ps.psychiatryonline.org/article.aspx?articleID=1759202">http://ps.psychiatryonline.org/article.aspx?articleID=1759202</a>	12
40	自闭症或精神分裂症患者基因中的拷贝数变异 (copy-number variants, CNVs) 现象	CNVs conferring risk of autism or schizophrenia affect cognition in controls	<u>NATURE</u> 505 (7483): 361-+ JAN 16 2014 <a href="http://www.nature.com/nature/journal/v505/n7483/full/nature12818.html">http://www.nature.com/nature/journal/v505/n7483/full/nature12818.html</a>	12
41	综述: 认知心理学中的冲突适应 (Conflict adaptation)	Questioning conflict adaptation: proportion congruent and Gratton effects reconsidered	<u>PSYCHONOMIC BULL REV</u> 20 (4): 615-630 AUG 2013 <a href="http://link.springer.com/article/10.3758%2F13423-012-0373-0">http://link.springer.com/article/10.3758%2F13423-012-0373-0</a>	12

42	综述: DSM-5 关于物质滥用障碍的诊断标准	DSM-5 criteria for substance use disorders: recommendations and rationale	AMER J PSYCHIAT 170 (8): 834-851 AUG 2013 <a href="http://drleemd.org/uploads/3/1/8/8/3188722/dsm-5_criteria_for_substance_use_disorders.pdf">http://drleemd.org/uploads/3/1/8/8/3188722/dsm-5_criteria_for_substance_use_disorders.pdf</a>	12
43	童年创伤与成年后精神疾患	Pathways between childhood victimization and psychosis-like symptoms in the ALSPAC birth cohort	SCHIZOPHRENIA BULL 39 (5): 1045-1055 SEP 2013 <a href="http://schizophreniabulletin.oxfordjournals.org/content/39/5/1045.full">http://schizophreniabulletin.oxfordjournals.org/content/39/5/1045.full</a>	12
44	综述: 双相障碍药物治疗	Pharmacological approaches in bipolar disorders and the impact on cognition: a critical overview	ACTA PSYCHIAT SCAND 126 (5): 315-331 NOV 2012 <a href="http://psycnet.apa.org/index.cfm?fa=search_displayRecord&amp;id=F3A65256-F6B1-875E-A567-00248A43B224&amp;resultID=1&amp;page=1">http://psycnet.apa.org/index.cfm?fa=search_displayRecord&amp;id=F3A65256-F6B1-875E-A567-00248A43B224&amp;resultID=1&amp;page=1</a>	11



			<a href="#">&amp;dbTab=all&amp;search=true</a>	
45	现有统计方法的新应用	The new statistics: why and how	PSYCHOL SCI 25 (1): 7-29 JAN 2014 <a href="http://pss.sagepub.com/content/25/1/7">http://pss.sagepub.com/content/25/1/7</a>	10
46	精神分裂症的认知行为疗法：综述与元分析 (附数据和元分析的 EXCELL 文档)	Cognitive-behavioural therapy for the symptoms of schizophrenia: systematic review and meta-analysis with examination of potential bias	BRIT J PSYCHIAT 204 (1): 20-29 JAN 2014 <a href="http://www.ncbi.nlm.nih.gov/pubmed/24385461">http://www.ncbi.nlm.nih.gov/pubmed/24385461</a> 附件请见： <a href="http://www.cbtinschizophrenia.com/">http://www.cbtinschizophrenia.com/</a>	8
47	评价缓解期双相障碍患者认知损害的神经心理测试	Neuropsychological testing of cognitive impairment in euthymic bipolar disorder: an individual patient data meta-analysis	ACTA PSYCHIAT SCAND 128 (3): 149-162 SEP 2013 <a href="http://onlinelibrary.wiley.com/doi/10.1111/acs.12133/abstract">http://onlinelibrary.wiley.com/doi/10.1111/acs.12133/abstract</a>	8

48	配偶态度对 II 型糖尿病患者饮食依从性 (Dietary Adherence) 的调节	Spouses attempts to regulate day-to-day dietary adherence among patients with type 2 diabetes	HEALTH PSYCHOL 32 (10): 1029-1037 OCT 2013 <a href="http://psycnet.apa.org/journals/hea/32/10/1029.pdf">http://psycnet.apa.org/journals/hea/32/10/1029.pdf</a>	8
49	精神分裂症相关基因位点拷贝数变异分析	Analysis of copy number variations at 15 schizophrenia-associated loci	BRIT J PSYCHIAT 204 (2): 108-114 FEB 2014 <a href="http://www.ncbi.nlm.nih.gov/pubmed/24311552">http://www.ncbi.nlm.nih.gov/pubmed/24311552</a>	7
50	注意缺陷多动障碍与物质滥用障碍和尼古丁依赖	Stimulant treatment for attention-deficit hyperactivity disorder and risk of developing substance use disorder	BRIT J PSYCHIAT 203 (2): 112-119 AUG 2013 <a href="http://bjp.rcpsych.org/content/early/2013/06/21/bjp.bp.112.124784.full.pdf+html">http://bjp.rcpsych.org/content/early/2013/06/21/bjp.bp.112.124784.full.pdf+html</a>	7
51	双相障碍的共病与致死率	Comorbidities and mortality in bipolar disorder a Swedish national cohort study	JAMA PSYCHIATRY 70 (9): 931-939 SEP 2013	7

			<a href="http://archpsyc.jamanetwork.com/article.aspx?articleid=1714400">http://archpsyc.jamanetwork.com/article.aspx?articleid=1714400</a>	
52	关于领导力的综述	What have we learned that is critical in understanding leadership perceptions and leader-performance relations?	IND ORGAN PSYCHOL 7 (2): 158-177 JUN 2014 <a href="http://onlinelibrary.wiley.com/doi/10.1111/ops.12127/abstract">http://onlinelibrary.wiley.com/doi/10.1111/ops.12127/abstract</a>	6
53	镜像神经元 (Mirror neurons)	Mirror neurons through the lens of epigenetics	TRENDS COGN SCI 17 (9): 450-457 SEP 2013 <a href="http://www.sciencedirect.com/science/article/pii/S1364661313001496">http://www.sciencedirect.com/science/article/pii/S1364661313001496</a>	6
54	养育后代对父母个性发展的影响	Reciprocal associations between parenting challenges and parents personality development in young and middle adulthood	EUR J PERSONALITY 28 (2): 168-179 MAR 2014 <a href="http://onlinelibrary.wiley.com/doi/10.1002/per.1932/abstract">http://onlinelibrary.wiley.com/doi/10.1002/per.1932/abstract</a>	5

55	儿童期应激	Increased serotonin transporter gene (SERT) dna methylation is associated with bullying victimization and blunted cortisol response to stress in childhood: a longitudinal study of discordant monozygotic twins	PSYCHOL MED 43 (9): 1813-1823 SEP 2013 <a href="http://journals.cambridge.org/download.php?file=%2FPSM%2FPSM43_09%2FS0033291712002784a.pdf&amp;code=2e5adafa426fce91417e3dfa463249ff">http://journals.cambridge.org/download.php?file=%2FPSM%2FPSM43_09%2FS0033291712002784a.pdf&amp;code=2e5adafa426fce91417e3dfa463249ff</a>	5
56	单个被试试验设计量表 (the Single-Case Experimental Design Scale) 的修订	Revision of a method quality rating scale for single-case experimental designs and n-of-1 trials: the 15-item risk of bias in N-of-1 trials (RoBiNT) scale	NEUROPSYCHOL REHABIL 23 (5): 619-638 OCT 1 2013 <a href="http://www.tandfonline.com/doi/full/10.1080/09602011.2013.824383">http://www.tandfonline.com/doi/full/10.1080/09602011.2013.824383</a>	5
57	个体在生命晚期发生的认知、感觉以及自我相关的功能等方面的改变	Age and time-to-death trajectories of change in indicators of cognitive, sensory, physical, health, social, and self-related functions	DEVELOP PSYCHOL 49 (10): 1805-1821 OCT 2013 <a href="http://psycnet.apa.org/index.cfm?fa=search.displayRecord&amp;id=F40B5D2E-E4E1-AB31">http://psycnet.apa.org/index.cfm?fa=search.displayRecord&amp;id=F40B5D2E-E4E1-AB31</a>	5

			<a href="#">-4E40-FF2367C9B9FF&amp;resultID=1&amp;page=1&amp;dbTab=all&amp;search=true</a>	
58	心理学中康复 (recovery) 概念的错误使用	Uses and abuses of recovery: implementing recovery-oriented practices in mental health systems	WORLD PSYCHIATRY 13 (1): 12-20 FEB 2014 <a href="http://www.ncbi.nlm.nih.gov/pubmed/24497237">http://www.ncbi.nlm.nih.gov/pubmed/24497237</a>	4
59	托吡酯 (Topiramate) 治疗严重酗酒者	Topiramate treatment for heavy drinkers: moderation by a grik1 polymorphism	AMER J PSYCHIAT 171 (4): 445-452 APR 2014 <a href="http://ajp.psychiatryonline.org/article.aspx?articleID=1831620">http://ajp.psychiatryonline.org/article.aspx?articleID=1831620</a>	4
60	三段论推理 (syllogistic reasoning) 的传统分析有缺陷	Traditional difference-score analyses of reasoning are flawed	COGNITION 131 (1): 75-91 APR 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0010027713002412">http://www.sciencedirect.com/science/article/pii/S0010027713002412</a>	4

61	压力生活事件的发生时机对神经症患者的影响	Timing of stressful life events affects stability and change of neuroticism	<u>EUR J PERSONALITY</u> 28 (2): 193-200 MAR 2014 <a href="http://onlinelibrary.wiley.com/doi/10.1002/per.1929/abstract">http://onlinelibrary.wiley.com/doi/10.1002/per.1929/abstract</a>	4
62	对恐惧面孔的快速觉察依赖于高空间频率（ high-spatial-frequency）信息	Rapid fear detection relies on high spatial frequencies	<u>PSYCHOL SCI</u> 25 (2): 566-574 FEB 2014 <a href="http://pss.sagepub.com/content/25/2/566">http://pss.sagepub.com/content/25/2/566</a>	4
63	国际旅行（international mobility）对个性的影响	Do we become a different person when hitting the road? personality development of sojourners	<u>J PERSONAL SOC PSYCHOL</u> 105 (3): 515-530 SEP 2013 <a href="http://psycnet.apa.org/psycinfo/2013-20588-001/">http://psycnet.apa.org/psycinfo/2013-20588-001/</a>	4
64	戒烟（smoking cessation）对心率变异性的影响	Effects of smoking cessation on heart rate variability among long-term male smokers	<u>INT J BEHAVIORAL MEDICINE</u> 21 (2): 302-309 APR 2014 <a href="http://link.springer.com/article/10.1007%2Fs12529-013-9295-0#page-1">http://link.springer.com/article/10.1007%2Fs12529-013-9295-0#page-1</a>	3

65	青少年移民的适应	Mastering developmental transitions in immigrant adolescents: the longitudinal interplay of family functioning, developmental and acculturative tasks	<u>DEVELOP PSYCHOL</u> 50 (3): 754-765 MAR 2014 <a href="http://psycnet.apa.org/psycinfo/2013-28206-001/">http://psycnet.apa.org/psycinfo/2013-28206-001/</a>	3
66	学龄前儿童分享预期 (sharing expectations) 与分享行为 (sharing behavior)	The development of recipient-dependent sharing behavior and sharing expectations in preschool children	<u>DEVELOP PSYCHOL</u> 50 (3): 914-921 MAR 2014 <a href="http://psycnet.apa.org/psycinfo/2013-30632-001/">http://psycnet.apa.org/psycinfo/2013-30632-001/</a>	3

附表 2: ESI 2014 年 9 月更新的神经科学与行为领域热点论文

注: 红色为首次入榜文章或领域; 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	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	<u>STROKE</u> 44 (3): 870-947 MAR 2013 <a href="http://stroke.ahajournals.org/content/early/2013/01/31/STR.0b013e318284056a.full.pdf">http://stroke.ahajournals.org/content/early/2013/01/31/STR.0b013e318284056a.full.pdf</a>	197
2	$\beta$ 淀粉样前体蛋白 (Amyloid- $\beta$ 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 <a href="http://www.nature.com/nature/journal/v488/n7409/full/nature11283.html">http://www.nature.com/nature/journal/v488/n7409/full/nature11283.html</a>	180
3	综述: FMRIB 软件图书馆	FSL	<u>NEUROIMAGE</u> 62 (2): 782-790 SP. ISS. SI AUG 15 2012 <a href="http://ac.els-cdn.com/S1053811911010603/1-s2.0-S1053811911010603-main.pdf?_tid=bc84085e-99f7-11e3-b937-00000aab0f01&amp;acdnt=139">http://ac.els-cdn.com/S1053811911010603/1-s2.0-S1053811911010603-main.pdf?_tid=bc84085e-99f7-11e3-b937-00000aab0f01&amp;acdnt=139</a>	145



			<a href="#">2877685_2bdd4424cc1aa24e9272247718cc5ac</a> <u>2</u>	
4	$\alpha$ -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	<u>SCIENCE</u> 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>	118
5	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 <a href="http://www.jneurosci.org/content/32/40/13819.full.pdf+html">http://www.jneurosci.org/content/32/40/13819.full.pdf+html</a>	116
6	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 <a href="http://www.sciencedirect.com/science/article/pii/S1474442212702910">http://www.sciencedirect.com/science/article/pii/S1474442212702910</a>	113
7	2005-2009 年美国原发性脑和中枢神经	Cbtrus statistical report: primary brain and central	<u>NEURO-ONCOLOGY</u> 14: V1-V49 SUPPL. 5	112

	系统肿瘤流行病学调查	nervous system tumors diagnosed in the united states in 2005-2009	NOV 2012 <a href="http://neuro-oncology.oxfordjournals.org/content/14/suppl_5/v1.extract">http://neuro-oncology.oxfordjournals.org/content/14/suppl_5/v1.extract</a>	
8	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 <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>	111
9	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 <a href="http://cep.sagepub.com/content/33/9/629.full">http://cep.sagepub.com/content/33/9/629.full</a>	106
10	少突胶质细胞 (Oligodendroglia) 糖代谢异常导致神经元和轴突退行性病变	Oligodendroglia metabolically support axons and contribute to neurodegeneration	<u>NATURE</u> 487 (7408): 443-U1502 JUL 26 2012 <a href="http://www.nature.com/nature/journal/vaop/ncurrent/full/nature11314.html">http://www.nature.com/nature/journal/vaop/ncurrent/full/nature11314.html</a>	98
11	综述:利用 PET 和 fMRI 研究与听语言 (Heard speech)、口语(Spoken language,	A review and synthesis of the first 20 years of pet and fMRI studies of heard speech, spoken	<u>NEUROIMAGE</u> 62 (2): 816-847 Sp. Iss. SI AUG 15 2012	91

	或出声语言)和阅读有关的脑区	language and reading	<a href="http://ling.umd.edu/~ellenlau/courses/ling646/P_rice_2012.pdf">http://ling.umd.edu/~ellenlau/courses/ling646/P_rice_2012.pdf</a>	
12	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 <a href="http://ac.els-cdn.com/S1474442212703101/1-s2.0-S1474442212703101-main.pdf?_tid=d788c80c-e24e-11e3-a036-00000aab0f02&amp;acdnat=1400831580_0f13f2af1e2401c8a9e06fddb7a2b33">http://ac.els-cdn.com/S1474442212703101/1-s2.0-S1474442212703101-main.pdf?_tid=d788c80c-e24e-11e3-a036-00000aab0f02&amp;acdnat=1400831580_0f13f2af1e2401c8a9e06fddb7a2b33</a>	90
13	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	<u>NATURE</u> 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>	80
14	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 <a href="http://www.nature.com/nature/journal/v499/n7458/full/nature12354.html">http://www.nature.com/nature/journal/v499/n7458/full/nature12354.html</a>	78
15	综述: 肠道微生物对脑与行为的影响	Mind-altering microorganisms: the impact of the	NAT REV NEUROSCI 13 (10): 701-712 OCT	78

		gut microbiota on brain and behaviour	2012 <a href="http://www.nature.com/nrn/journal/v13/n10/pdf/nrn3346.pdf">http://www.nature.com/nrn/journal/v13/n10/pdf/nrn3346.pdf</a>	
16	小神经胶质细胞：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 <a href="http://www.sciencemag.org/content/339/6116/156">http://www.sciencemag.org/content/339/6116/156</a>	72
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	<u>NATURE</u> 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>	71
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	NAT REV NEUROSCI 14 (1): 7-23 JAN 2013 <a href="http://www.nature.com/nrn/journal/v14/n1/full/nrn3379.html">http://www.nature.com/nrn/journal/v14/n1/full/nrn3379.html</a>	69
19	大麻 (Cannabis) 成瘾者神经心理功能	Persistent cannabis users show neuropsychological	<u>PROC NAT ACAD SCI USA</u> 109 (40):	66

	退化	decline from childhood to midlife	E2657-E2664 OCT 2 2012 <a href="http://www.rjbf.com/PNAS_Meier.pdf">http://www.rjbf.com/PNAS_Meier.pdf</a>	
20	一种新的无偏纵向成像分析 (Unbiased longitudinal image analysis) 技术	Within-subject template estimation for unbiased longitudinal image analysis	<u>NEUROIMAGE</u> 61 (4): 1402-1418 JUL 16 2012 <a href="http://ac.els-cdn.com/S1053811912002765/1-s2.0-S1053811912002765-main.pdf?_tid=8648d1e0-b552-11e3-8400-00000aacb35d&amp;acdnat=1395885359_a0411f61d9b18285f02de012ce025793">http://ac.els-cdn.com/S1053811912002765/1-s2.0-S1053811912002765-main.pdf?_tid=8648d1e0-b552-11e3-8400-00000aacb35d&amp;acdnat=1395885359_a0411f61d9b18285f02de012ce025793</a>	63
21	人类功能连接组(human functional connectome)的网络中心性	Network centrality in the human functional connectome	<u>CEREB CORTEX</u> 22 (8): 1862-1875 AUG 2012 <a href="http://cercor.oxfordjournals.org/content/22/8/1862.full.pdf+html">http://cercor.oxfordjournals.org/content/22/8/1862.full.pdf+html</a>	63
22	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	<u>NAT REV NEUROSCI</u> 14 (4): 248-264 APR 2013	62

			<a href="http://www.nature.com/nrn/journal/v14/n4/full/nrn3430.html">http://www.nature.com/nrn/journal/v14/n4/full/nrn3430.html</a>	
23	阿尔茨海默病 NLRP3 炎症复合物的激活	NLRP3 is activated in ALzheimers disease and contributes to pathology in APP/PS1 mice	<a href="http://www.nature.com/nature/journal/v493/n7434/full/nature11729.html">NATURE 493 (7434): 674-+ JAN 31 2013 http://www.nature.com/nature/journal/v493/n7434/full/nature11729.html</a>	60
24	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 <a href="http://info.wp.xmulib.org/files/2013/01/20130108-nrneurol.2012.263-Apolipoprotein-E-and-Alzheimer-disease-risk-mechanisms-and-therapy.pdf">http://info.wp.xmulib.org/files/2013/01/20130108-nrneurol.2012.263-Apolipoprotein-E-and-Alzheimer-disease-risk-mechanisms-and-therapy.pdf</a>	59
25	散发性 (sporadic) 阿尔茨海默病中 $\beta$ 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	<a href="http://www.sciencedirect.com/science/article/pii/S1474442213700449">LANCET NEUROL 12 (4): 357-367 APR 2013 http://www.sciencedirect.com/science/article/pii/S1474442213700449</a>	58

26	分层预测机制 (Hierarchical prediction machine)	Whatever next? predictive brains, situated agents, and the future of cognitive science	<p><u>BEHAV BRAIN SCI</u> 36 (3): 181-204 JUN 2013</p> <p><a href="http://journals.cambridge.org/action/displayAbstract?fromPage=online&amp;aid=8918803&amp;fulltextType=RA&amp;fileId=S0140525X12000477">http://journals.cambridge.org/action/displayAbstract?fromPage=online&amp;aid=8918803&amp;fulltextType=RA&amp;fileId=S0140525X12000477</a></p>	57
27	NMDA 受体亚型多样性	NMDA receptor subunit diversity: impact on receptor properties, synaptic plasticity and disease	<p>NAT REV NEUROSCI 14 (6): 383-400 JUN 2013</p> <p><a href="http://www.nature.com/nrn/journal/v14/n6/full/nrn3504.html">http://www.nature.com/nrn/journal/v14/n6/full/nrn3504.html</a></p>	57
28	综述: 神经细胞自身抗原 (Neuronal autoantigens)	Neuronal autoantigens-pathogenesis, associated disorders and antibody testing	<p><u>NAT REV NEUROL</u> 8 (7): 380-390 JUL 2012</p> <p><a href="http://www.nature.com/nrneurol/journal/v8/n7/pdf/nrneurol.2012.99.pdf">http://www.nature.com/nrneurol/journal/v8/n7/pdf/nrneurol.2012.99.pdf</a></p>	52
29	老龄化与阿尔茨海默病中的认知储备 (Cognitive reserve)	Cognitive reserve in ageing and Alzheimers disease	<p><u>LANCET NEUROL</u> 11 (11): 1006-1012 NOV 2012</p>	50

			<a href="http://www.sciencedirect.com/science/article/pii/S1474442212701916">http://www.sciencedirect.com/science/article/pii/S1474442212701916</a>	
30	综述: $\alpha$ 突触核蛋白 ( $\alpha$ -synuclein)	The many faces of alpha-synuclein: from structure and toxicity to therapeutic target	<a href="http://www.nature.com/nrn/journal/v14/n1/full/nrn3406.html">NAT REV NEUROSCI 14 (1): 38-48 JAN 2013 http://www.nature.com/nrn/journal/v14/n1/full/nrn3406.html</a>	47
31	应激中的脑	Brain on stress: how the social environment gets under the skin	<a href="http://www.pnas.org/content/109/Supplement_2/17180.full.pdf+html">PROC NAT ACAD SCI USA 109: 17180-17185 SUPPL. 2 OCT 16 2012 http://www.pnas.org/content/109/Supplement_2/17180.full.pdf+html</a>	46
32	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	<a href="http://www.ncbi.nlm.nih.gov/pubmed/2339018">NEUROLOGY 80 (19): 1778-1783 MAY 2013 http://www.ncbi.nlm.nih.gov/pubmed/2339018</a>	44



33	综述: 实验诱发中风和人类中风发作时, 肿瘤坏死因子、白介素-1 和白介素-6 等炎症因子的产生及调节	Inflammatory cytokines in experimental and human stroke	<u>J CEREBR BLOOD FLOW METABOL</u> 32 (9): 1677-1698 SEP 2012 <a href="http://www.ncbi.nlm.nih.gov/pubmed/2273962">http://www.ncbi.nlm.nih.gov/pubmed/2273962</a> 3	44
34	综述: 阿尔茨海默病与 Lewy 体	100 years of Lewy pathology	<u>NAT REV NEUROL</u> 9 (1): 13-24 JAN 2013 <a href="http://www.nature.com/nrneuro/journal/v9/n1/pdf/nrneuro.2012.242.pdf?WT.ec_id=NRNEURO-201301">http://www.nature.com/nrneuro/journal/v9/n1/pdf/nrneuro.2012.242.pdf?WT.ec_id=NRNEURO-201301</a>	43
35	综述: 肌萎缩性脊髓侧索硬化症	Controversies and priorities in amyotrophic lateral sclerosis	<u>LANCET NEUROL</u> 12 (3): 310-322 MAR 2013 <a href="http://www.sciencedirect.com/science/article/pii/S147444221370036X">http://www.sciencedirect.com/science/article/pii/S147444221370036X</a>	43
36	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	<u>NAT REV NEUROSCI</u> 14 (3): 202-216 MAR 2013 <a href="http://www.nature.com/nrn/journal/v14/n3/pdf/nrn3444.pdf">http://www.nature.com/nrn/journal/v14/n3/pdf/nrn3444.pdf</a>	39

37	综述：皮层和纹状体的突触传导	Dopaminergic modulation of synaptic transmission in cortex and striatum	<u>NEURON</u> 76 (1): 33-50 OCT 4 2012 <a href="http://www.sciencedirect.com/science/article/pii/S0896627312008586">http://www.sciencedirect.com/science/article/pii/S0896627312008586</a>	39
38	基底外侧杏仁核 ( <u>basolateral amygdala</u> , BLA))和腹侧海马( <u>ventral hippocampus</u> , vHPC) 在恐惧信号传导中的作用	Gating of fear in prelimbic cortex by hippocampal and amygdala inputs	<u>NEURON</u> 76 (4): 804-812 NOV 21 2012 <a href="http://www.sciencedirect.com/science/article/pii/S0896627312008811">http://www.sciencedirect.com/science/article/pii/S0896627312008811</a>	35
39	成年小鼠中枢神经系统中的少突胶质细 胞 ( <u>oligodendrocyte</u> , OL)	Oligodendrocyte dynamics in the healthy adult CNS: evidence for myelin remodeling	<u>NEURON</u> 77 (5): 873-885 MAR 6 2013 <a href="http://www.cell.com/neuron/abstract/S0896-6273(13)00050-0">http://www.cell.com/neuron/abstract/S0896-6273(13)00050-0</a>	34
40	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	NAT REV NEUROSCI 14 (6): 417-428 JUN 2013 <a href="http://www.nature.com/nrn/journal/v14/n6/pdf/nrn3492.pdf">http://www.nature.com/nrn/journal/v14/n6/pdf/nrn3492.pdf</a>	34

41	综述：神经系统中的水通道蛋白 (Aquaporin water channels)	Aquaporin water channels in the nervous system	<u>NAT REV NEUROSCI</u> 14 (4): 265-277 APR 2013 <a href="http://www.nature.com/nrn/journal/v14/n4/pdf/nrn3468.pdf">http://www.nature.com/nrn/journal/v14/n4/pdf/nrn3468.pdf</a>	32
42	视皮层中的抑制性中间神经元	Inhibition of inhibition in visual cortex: the logic of connections between molecularly distinct interneurons	<u>NAT NEUROSCI</u> 16 (8): 1068-U130 AUG 2013 <a href="http://www.nature.com/neuro/journal/v16/n8/full/nn.3446.html">http://www.nature.com/neuro/journal/v16/n8/full/nn.3446.html</a>	32
43	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	<u>LANCET NEUROL</u> 12 (8): 822-838 AUG 2013 <a href="http://www.sciencedirect.com/science/article/pii/S1474442213701248">http://www.sciencedirect.com/science/article/pii/S1474442213701248</a>	32
44	果蝇视觉系统中视觉运动的检测	A visual motion detection circuit suggested by	NATURE 500 (7461): 175-+ AUG 8 2013	32

		drosophila connectomics	<a href="http://www.nature.com/nature/journal/v500/n7461/full/nature12450.html">http://www.nature.com/nature/journal/v500/n7461/full/nature12450.html</a>	
45	海马中间神经元	Behavior-dependent specialization of identified hippocampal interneurons	<a href="http://www.nature.com/neuro/journal/v15/n9/full/nn.3176.html">NAT NEUROSCI 15 (9): 1265-U130 SEP 2012 http://www.nature.com/neuro/journal/v15/n9/full/nn.3176.html</a>	31
46	执行复杂认知任务的混合选择性神经元 (mixed selectivity neurons)	The importance of mixed selectivity in complex cognitive tasks	<a href="http://www.nature.com/nature/journal/v497/n7451/full/nature12160.html">NATURE 497 (7451): 585-590 MAY 30 2013 http://www.nature.com/nature/journal/v497/n7451/full/nature12160.html</a>	29
47	睡眠可清除大脑代谢产物	Sleep drives metabolite clearance from the adult brain	<a href="http://www.sciencemag.org/content/342/6156/373">SCIENCE 342 (6156): 373-377 OCT 18 2013 http://www.sciencemag.org/content/342/6156/373</a>	29
48	chandelier 细胞（一种抑制性神经元）在胚胎发育中的起源地和起源时间	The spatial and temporal origin of chandelier cells in mouse neocortex	<a href="http://www.sciencemag.org/content/339/6115/70">SCIENCE 339 (6115): 70-74 JAN 4 2013 http://www.sciencemag.org/content/339/6115/70</a>	28

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49	神经退行性疾病中致病蛋白的自体繁殖 (Self-propagation)	Self-propagation of pathogenic protein aggregates in neurodegenerative diseases	<a href="#">NATURE 501 (7465): 45-51 SEP 5 2013</a> <a href="http://www.nature.com/nature/journal/v501/n7465/full/nature12481.html">http://www.nature.com/nature/journal/v501/n7465/full/nature12481.html</a>	28
50	中枢神经系统髓鞘再生 (remyelination)	M2 microglia and macrophages drive oligodendrocyte differentiation during CNS remyelination	<a href="#">NAT NEUROSCI 16 (9): 1211-U75 SEP 2013</a> <a href="http://www.nature.com/neuro/journal/v16/n9/full/nn.3469.html">http://www.nature.com/neuro/journal/v16/n9/full/nn.3469.html</a>	27
51	前额叶两种不同类型的抑制性中间神经元	Distinct behavioural and network correlates of two interneuron types in prefrontal cortex	<a href="#">NATURE 498 (7454): 363-+ JUN 20 2013</a> <a href="http://www.nature.com/nature/journal/v498/n7454/full/nature12176.html">http://www.nature.com/nature/journal/v498/n7454/full/nature12176.html</a>	22
52	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	<a href="#">NAT NEUROSCI 16 (9): 1348-U247 SEP 2013</a> <a href="http://www.nature.com/neuro/journal/v16/n9/full/nn.3470.html">http://www.nature.com/neuro/journal/v16/n9/full/nn.3470.html</a>	21

53	负责去抑制调控的皮层中间神经元	Cortical interneurons that specialize in disinhibitory control	<a href="http://www.nature.com/nature/journal/v503/n7477/full/nature12676.html">NATURE 503 (7477): 521-+ NOV 28 2013 http://www.nature.com/nature/journal/v503/n7477/full/nature12676.html</a>	21
54	果蝇视觉系统（一个经典的神经计算模型）中视觉运动的检测	A directional tuning map of Drosophila elementary motion detectors	<a href="http://www.nature.com/nature/journal/v500/n7461/full/nature12320.html">NATURE 500 (7461): 212-+ AUG 8 2013 http://www.nature.com/nature/journal/v500/n7461/full/nature12320.html</a>	19
55	反应控制的行为与神经基础	Inhibition and impulsivity: behavioral and neural basis of response control	<a href="http://www.ncbi.nlm.nih.gov/pubmed/23856628">PROG NEUROBIOL 108: 44-79 SEP 2013 http://www.ncbi.nlm.nih.gov/pubmed/23856628</a>	18
56	TET1 基因在神经元活动中起关键作用	TET1 is critical for neuronal activity-regulated gene expression and memory extinction	<a href="http://www.sciencedirect.com/science/article/pii/S0896627313007149">NEURON 79 (6): 1109-1122 SEP 18 2013 http://www.sciencedirect.com/science/article/pii/S0896627313007149</a>	18

57	躯体感觉皮层中介导运动功能整合的去抑制（disinhibitory）环路	A disinhibitory circuit mediates motor integration in the somatosensory cortex	<u>NAT NEUROSCI</u> 16 (11): 1662-1670 NOV 2013 <a href="http://www.nature.com/neuro/journal/v16/n11/full/nn.3544.html">http://www.nature.com/neuro/journal/v16/n11/full/nn.3544.html</a>	17
58	美国脑肿瘤注册中心（Central Brain Tumor Registry of the United States, CBTRUS）统计报告	CBTRUS statistical report: primary brain and central nervous system tumors diagnosed in the united states in 2006-2010	<u>NEURO-ONCOLOGY</u> 15: 1-56 SUPPL. 2 NOV 2013 <a href="http://neuro-oncology.oxfordjournals.org/content/15/suppl_2/ii1.extract">http://neuro-oncology.oxfordjournals.org/content/15/suppl_2/ii1.extract</a>	15
59	发育中的神经节突起（ganglionic eminences）	Non-epithelial stem cells and cortical interneuron production in the human ganglionic eminences	<u>NAT NEUROSCI</u> 16 (11): 1576-1587 NOV 2013 <a href="http://www.nature.com/neuro/journal/v16/n11/full/nn.3541.html">http://www.nature.com/neuro/journal/v16/n11/full/nn.3541.html</a>	14
60	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	<u>NATURE</u> 506 (7487): 179-+ FEB 13 2014 <a href="http://www.nature.com/nature/journal/v506/n74">http://www.nature.com/nature/journal/v506/n74</a>	13

			<a href="http://www.nature.com/nature12929.html">87/full/nature12929.html</a>	
61	灵长类新皮层中间神经元起源	Subcortical origins of human and monkey neocortical interneurons	<a href="http://www.nature.com/neuro/journal/v16/n11/full/nn.3536.html">NAT NEUROSCI 16 (11): 1588-1597 NOV 2013</a> <a href="http://www.nature.com/neuro/journal/v16/n11/full/nn.3536.html">http://www.nature.com/neuro/journal/v16/n11/full/nn.3536.html</a>	13
62	中枢神经系统中 TET1 基因的功能	TET1 controls CNS 5-methylcytosine hydroxylation, active dna demethylation, gene transcription, and memory formation	<a href="http://www.sciencedirect.com/science/article/pii/S0896627313007915">NEURON 79 (6): 1086-1093 SEP 18 2013</a> <a href="http://www.sciencedirect.com/science/article/pii/S0896627313007915">http://www.sciencedirect.com/science/article/pii/S0896627313007915</a>	13
63	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	<a href="http://www.nature.com/neuro/journal/v17/n1/full/nn.3594.html">NAT NEUROSCI 17 (1): 89-96 JAN 2014</a> <a href="http://www.nature.com/neuro/journal/v17/n1/full/nn.3594.html">http://www.nature.com/neuro/journal/v17/n1/full/nn.3594.html</a>	11
64	人脑结构连接中的性别差异	Sex differences in the structural connectome of the human brain	<a href="http://www.pnas.org/content/111/2/823">PROC NAT ACAD SCI USA 111 (2): 823-828</a> JAN 14 2014	11



			Sex differences in the structural connectome of the human brain	
65	静息态下的全脑连接动力学	Tracking whole-brain connectivity dynamics in the resting state	<u>CEREB CORTEX</u> 24 (3): 663-676 MAR 2014 <a href="http://cercor.oxfordjournals.org/content/24/3/663">http://cercor.oxfordjournals.org/content/24/3/663</a>	10
66	阿尔茨海默病中的微 RNA	MicroRNAs in Alzheimers disease: differential expression in hippocampus and cell-free cerebrospinal fluid	<u>NEUROBIOL AGING</u> 35 (1): 152-158 JAN 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0197458013003102">http://www.sciencedirect.com/science/article/pii/S0197458013003102</a>	9
67	TAK1 (transforming growth factor - $\beta$ -activated kinase 1, 转化生长因子 $\beta$ 活化激酶 1) 在中枢神经系统中起核心作用	A new type of microglia gene targeting shows TAK1 to be pivotal in CNS autoimmune inflammation	<u>NAT NEUROSCI</u> 16 (11): 1618-1626 NOV 2013 <a href="http://www.nature.com/neuro/journal/v16/n11/full/nn.3531.html">http://www.nature.com/neuro/journal/v16/n11/full/nn.3531.html</a>	9

68	人脑中背侧和腹侧视觉加工系统	Two action systems in the human brain	<u>BRAIN LANG</u> 127 (2): 222-229 NOV 2013 <a href="http://www.ncbi.nlm.nih.gov/pubmed/2288946">http://www.ncbi.nlm.nih.gov/pubmed/2288946</a> 7	9
69	降低卒中死亡率的因素	Factors influencing the decline in stroke mortality  a statement from the American heart association/American stroke association	<u>STROKE</u> 45 (1): 315-353 JAN 2014 <a href="http://stroke.ahajournals.org/content/45/1/315.full.pdf+html">http://stroke.ahajournals.org/content/45/1/315.full.pdf+html</a>	9
70	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	<u>NAT NEUROSCI</u> 17 (1): 17-23 JAN 2014 <a href="http://www.nature.com/neuro/journal/v17/n1/full/nn.3584.html">http://www.nature.com/neuro/journal/v17/n1/full/nn.3584.html</a>	7
71	电子烟	Acute electronic cigarette use: nicotine delivery and subjective effects in regular users	<u>PSYCHOPHARMACOLOGY</u> 231 (2): 401-407 JAN 2014 <a href="http://link.springer.com/article/10.1007%2Fs00213-013-3249-8#page-1">http://link.springer.com/article/10.1007%2Fs00213-013-3249-8#page-1</a>	7

72	自闭症	Oxytocin-mediated GABA inhibition during delivery attenuates autism pathogenesis in rodent offspring	<a href="https://www.sciencemag.org/content/343/6171/675">SCIENCE 343 (6171): 675-679 FEB 7 2014 http://www.sciencemag.org/content/343/6171/675</a>	7
73	颅内动脉瘤（intracranial aneurysms）破裂风险预测指标	Development of the PHASES score for prediction of risk of rupture of intracranial aneurysms: a pooled analysis of six prospective cohort studies	<a href="http://www.sciencedirect.com/science/article/pii/S1474442213702631">LANCET NEUROL 13 (1): 59-66 JAN 2014 http://www.sciencedirect.com/science/article/pii/S1474442213702631</a>	5
74	兴奋性和抑制性神经网络中的异步活动（Asynchronous activity）	Two types of asynchronous activity in networks of excitatory and inhibitory spiking neurons	<a href="http://www.nature.com/neuro/journal/v17/n4/abs/nn.3658.html">NAT NEUROSCI 17 (4): 594-U155 APR 2014 http://www.nature.com/neuro/journal/v17/n4/abs/nn.3658.html</a>	5
75	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	<a href="http://www.nature.com/nature/journal/v508/n7495/full/nature13186.html">NATURE 508 (7495): 207-+ APR 10 2014 http://www.nature.com/nature/journal/v508/n7495/full/nature13186.html</a>	5
76	桥尾蛋白（Gephyrin）	Gephyrin: a master regulator of neuronal function?	<a href="http://www.nature.com/nrn/journal/v15/n3/full/">NAT REV NEUROSCI 15 (3): 141-156 MAR 2014 http://www.nature.com/nrn/journal/v15/n3/full/</a>	4

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77	癫痫的家族风险	Familial risk of epilepsy: a population-based study	<a href="#">BRAIN</a> 137: 795-805 PART 3 MAR 2014 <a href="http://brain.oxfordjournals.org/content/early/2014/01/25/brain.awt368">http://brain.oxfordjournals.org/content/early/2014/01/25/brain.awt368</a>	4
78	维生素 D 水平可作为多发性硬化症 (multiple sclerosis) 的早期预测指标	Vitamin D as an early predictor of multiple sclerosis activity and progression	<a href="#">JAMA NEUROL</a> 71 (3): 306-314 MAR 2014 <a href="http://archneur.jamanetwork.com/article.aspx?articleid=1815002">http://archneur.jamanetwork.com/article.aspx?articleid=1815002</a>	4
79	老年鼠脑中血管和神经组织的再生	Vascular and neurogenic rejuvenation of the aging mouse brain by young systemic factors	<a href="#">SCIENCE</a> 344 (6184): 630-634 MAY 9 2014 <a href="http://www.sciencemag.org/content/344/6184/630">http://www.sciencemag.org/content/344/6184/630</a>	3
80	神经系统表观遗传修饰 (Epigenetic modification) 及其对认知损害的影响	Epigenetic modifications in the nervous system and their impact upon cognitive impairments	<a href="#">NEUROPHARMACOLOGY</a> 80: 70-82 SP. ISS. SI MAY 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0028390814000501">http://www.sciencedirect.com/science/article/pii/S0028390814000501</a>	3
81	交感神经系统和神经内分泌系统对急性	Acute inflammation in the joint: its control by the	<a href="#">AUTON NEUROSCI-BASIC CLIN</a> 182: 42-54	3

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