

# ESI 中神经科学与行为领域热点论文 信息推送

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## ESI 中神经科学与行为领域热点论文信息推送

### ——基于 2016 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 2013 年 8 月至 2015 年 8 月发表的文章中, 在 2015 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 2016 年 1 月 14 日。

本期发布神经科学与行为领域热点文章 95 篇, 其中首次入榜文章 46 篇。单篇最高被引 152 次, 最低被引 3 次。被引 152 次的文章由耶鲁大学的 Walter N. Kernan 等人发表在 *Stroke* 上, 标题为 “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”, 提出缺血性卒中 (ischemic stroke) 和短暂性脑缺血发作 (transient ischemic attack) 幸存者预防中风发作的指导方针。首次入榜的 46 篇中单篇最高被引 70 次的是欧洲分子生物学实验室 (European Molecular Biology Laboratory, EMBL) 的 Cornelius T Gross 等人合作发表在 *Nature Neuroscience* 上的工作, 标题为 “Deficient neuron-microglia signaling results in impaired functional brain connectivity and social behavior”, 文章指出小神经胶质细胞 (microglia) 信号传导通路受损影响小鼠社会性互动行为, 损伤海马与前额叶之间的功能连接。

就研究主题而言, 除肌萎缩性脊髓侧索硬化症、多发性硬化症、癫痫和疼痛等神经系统疾病、阿尔茨海默症等神经系统退行性病、神经系统发育、可塑性、学习记忆等长期入榜的主题之外, 另有首次入榜的文章值得关注, 如:

- 39: 基于长时程增强 (long-term potentiation, LTP) 和长时程抑制 (long-term depression, LTD) 原理, 成功剔除大鼠记忆并为其重新恢复记忆;
- 44: 阿尔茨海默症临床前期的主观性认知减退 (subjective cognitive decline, SCD);
- 47: 利用激活可能性估计 (activation likelihood estimation, ALE) 和脑连通性元分析模型 (meta-analytic connectivity modeling) 研究情感调节 (emotion regulation, ER);
- 49: 睡眠与疼痛;
- 67: 有关恐惧条件化和恐惧记忆的神经编码机制的综述;
- 71: 丘脑室旁核 (paraventricular nucleus, PVT) 调节中央杏仁核的恐惧加工;
- 74: 针对脑、脊髓与神经根的非侵入性电刺激与磁刺激的临床实践基本原则;

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77: 一个新型小鼠模型, 呈现出与肌萎缩性脊髓侧索硬化症 (ALS) 和额颞叶型痴呆(FTD) 相似的神经病理学和遗传学改变;

78: 益生元 (prebiotics) 对人体神经生理机能的影响;

87: 表面拉普拉斯 (surface Laplacian) 技术与 EEG。

该领域所有热点文章的详细信息请见附表 (按文章被引次数排列)。

中科院心理所信息中心

附表：ESI 2016 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	通讯作者及其单位	出处及原文或摘要链接	单篇被引
1	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, New Haven, CT 06520 USA.	STROKE 45 (7): 2160-2236 JUL 2014 <a href="http://stroke.ahajournals.org/content/45/7/2160">http://stroke.ahajournals.org/content/45/7/2160</a>	152
2	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, Neurogenet Lab, NIH, Bethesda, MD 20892 USA.	NAT NEUROSCI 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>	124
3	推动阿尔茨海默症的诊断	Advancing research diagnostic	Dubois, B	LANCET NEUROL 13 (6):	111

	标准: IWG-2 标准	criteria for Alzheimer's disease: the IWG-2 criteria	Salpêtrière Hosp, Ctr Malad Cognit & Comportement, Pavil F Lhermitte, 47 Bld Hop, F-75013 Paris, France.	614-629 JUN 2014 <a href="http://www.sciencedirect.com/science/article/pii/S1474442214700900">http://www.sciencedirect.com/science/article/pii/S1474442214700900</a>	
4	小神经胶质细胞	Identification of a unique TGF-beta dependent molecular and functional signature in microglia	Butovsky, O Harvard Univ, Brigham & Womens Hosp, Sch Med, Ctr Neurol Dis, Dept Neurol, Boston, MA 02115 USA.	NAT NEUROSCI 17 (1): 131-143 JAN 2014 <a href="http://www.nature.com/neuro/journal/v17/n1/full/nn.3599.html">http://www.nature.com/neuro/journal/v17/n1/full/nn.3599.html</a>	110
5	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, Seattle, WA 98103 USA.	NATURE 508 (7495): 207-+ APR 10 2014 <a href="http://www.nature.com/nature/journal/v508/n7495/full/nature13186.html">http://www.nature.com/nature/journal/v508/n7495/full/nature13186.html</a>	106

6	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	Kepecs, A Cold Spring Harbor Lab, 1 Bungtown Rd, Cold Spring Harbor, NY 11724 USA.	NATURE 503 (7477): 521-+ NOV 28 2013 <a href="http://www.nature.com/nature/journal/v503/n7477/full/nature12676.html">http://www.nature.com/nature/journal/v503/n7477/full/nature12676.html</a>	95
7	综述：后扣带回（Posterior cingulate cortex）在认知与脑疾患中的作用	The role of the posterior cingulate cortex in cognition and disease	Leech, R Univ London Imperial Coll Sci Technol & Med, Computat Cognit & Clin Neuroimaging Lab, Div Brain Sci, Hammersmith Hosp Campus, Du Cane Rd, London W12 0NN, England.	BRAIN 137: 12-32 PART 1 JAN 2014 <a href="http://brain.oxfordjournals.org/content/brain/early/2013/07/18/brain.a-wt162.full.pdf">http://brain.oxfordjournals.org/content/brain/early/2013/07/18/brain.a-wt162.full.pdf</a>	93
8	静息态下的全脑连接动力	Tracking Whole-Brain Connectivity	Allen, EA	CEREB CORTEX 24 (3): 663-676	90

	学	Dynamics in the Resting State	Mind Res Network, Albuquerque, NM 87106 USA.	MAR 2014 <a href="http://cercor.oxfordjournals.org/content/24/3/663">http://cercor.oxfordjournals.org/content/24/3/663</a>	
9	睡眠可能是中枢神经系统可塑性改变不可或缺的一部分	Sleep and the Price of Plasticity: From Synaptic and Cellular Homeostasis to Memory Consolidation and Integration	Tononi, G Univ Wisconsin, Dept Psychiat, Madison, WI 53719 USA.	NEURON 81 (1): 12-34 JAN 8 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0896627313011860">http://www.sciencedirect.com/science/article/pii/S0896627313011860</a>	89
10	国际抗癫痫联盟 (International League Against Epilepsy, ILAE) 报告: 癫痫临床定义	ILAE Official Report: A practical clinical definition of epilepsy	Fisher, RS Stanford Univ, Sch Med, Room A343,300 Pasteur Dr, Stanford, CA 94305 USA.	EPILEPSIA 55 (4): 475-482 APR 2014 <a href="http://onlinelibrary.wiley.com/doi/10.1111/epi.12550/epdf">http://onlinelibrary.wiley.com/doi/10.1111/epi.12550/epdf</a>	88
11	去掉静息态 fMRI 运动伪	Methods to detect, characterize, and	Power, JD	NEUROIMAGE 84: 320-341 JAN	81

	迹的方法	remove motion artifact in resting state fMRI	Wash Univ, Sch Med, Dept Neurol, 660 S Euclid Ave, Box 8111, St Louis, MO 63110 USA.	1 2014 <a href="http://www.sciencedirect.com/science/article/pii/S1053811913009117">http://www.sciencedirect.com/science/article/pii/S1053811913009117</a>	
12	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	Amer Heart Assoc Stroke Council ; Council Cardiovasc Stroke Nursing ; Council Quality Care Outcomes Res ; Council Functional Genomics Transl	STROKE 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>	78
13	毛细血管周细胞 (Capillary pericyte)	Capillary pericytes regulate cerebral blood flow in health and disease	Attwell, D UCL, Dept Neurosci Physiol & Pharmacol, Gower St, London WC1E 6BT, England.	NATURE 508 (7494): 55-+ APR 3 2014 <a href="http://www.nature.com/nature/journal/v508/n7494/full/nature13165.html">http://www.nature.com/nature/journal/v508/n7494/full/nature13165.html</a>	77
14	综述: 单核吞噬细胞 (Mononuclear phagocytic cells) 的功能及其概念演化	Microglia and brain macrophages in the molecular age: from origin to neuropsychiatric disease	Prinz, M Univ Freiburg, Inst Neuropathol, Breisacherstr 64, D-79106 Freiburg,	NAT REV NEUROSCI 15 (5): 300-312 MAY 2014 <a href="http://www.nature.com/nrn/journal/">http://www.nature.com/nrn/journal/</a>	76



			Germany	<a href="http://www.sciencedirect.com/science/article/pii/S147444221470136X">v15/n5/full/nrn3722.html</a>	
15	阿尔茨海默症一级预防 (primary prevention, 即病因预防) 的可能性	Potential for primary prevention of Alzheimer's disease: an analysis of population-based data	Brayne, C Univ Cambridge, Inst Publ Hlth, Cambridge CB2 0SR, England.	LANCET NEUROL 13 (8): 788-794 AUG 2014 <a href="http://www.sciencedirect.com/science/article/pii/S147444221470136X">http://www.sciencedirect.com/science/article/pii/S147444221470136X</a>	76
16	利用 RNA 测序发现小胶质细胞存在用来感知致病组织、毒素或损伤细胞的基因	The microglial sensome revealed by direct RNA sequencing	Hickman, SE Massachusetts Gen Hosp, Ctr Immunol & Inflammatory Dis, Charlestown, MA 02129 USA.	NAT NEUROSCI 16 (12): 1896-1905 DEC 2013 <a href="http://www.nature.com/neuro/journal/v16/n12/full/nn.3554.html">http://www.nature.com/neuro/journal/v16/n12/full/nn.3554.html</a>	74
17	小神经胶质细胞 (microglia) 信号传导通路受损影响小鼠社会性互动行为, 损伤海马与前额叶之间的功能连接	Deficient neuron-microglia signaling results in impaired functional brain connectivity and social behavior	Gross, CT EMBL, Mouse Biol Unit, Monterotondo, Italy.	NAT NEUROSCI 17 (3): 400-406 MAR 2014 <a href="http://www.nature.com/neuro/journal/v17/n3/full/nn.3641.html">http://www.nature.com/neuro/journal/v17/n3/full/nn.3641.html</a>	70
18	躯体感觉皮层中介导运动功能整合的去抑制	A disinhibitory circuit mediates motor integration in the	Rudy, B NYU, Sch Med, Neurosci Inst, Dept	NAT NEUROSCI 16 (11): 1662-1670 NOV 2013	68

	(disinhibitory) 环路	somatosensory cortex	Neurosci & Physiol, Smilow Res Ctr, New York, NY 10012 USA.	<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>	
19	综述: 中枢神经系统损伤与疾病	Reactive Gliosis and the Multicellular Response to CNS Damage and Disease	Sofroniew, MV Univ Calif Los Angeles, Dept Neurobiol, Los Angeles, CA 90095 USA.	NEURON 81 (2): 229-248 JAN 22 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0896627314000117">http://www.sciencedirect.com/science/article/pii/S0896627314000117</a>	65
20	多发性硬化症临床病程的定义 (2013 修订版)	Defining the clinical course of multiple sclerosis The 2013 revisions	Lublin, FD Icahn Sch Med Mt Sinai, Corinne Goldsmith Dickenson Ctr Multiple Sclerosis, New York, NY 10029 USA	NEUROLOGY 83 (3): 278-286 JUL 15 2014 <a href="http://www.ncbi.nlm.nih.gov/pubmed/24871874">http://www.ncbi.nlm.nih.gov/pubmed/24871874</a>	64
21	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, 299 Campus Dr, Fairchild Bldg, Stanford, CA 94305 USA.	J NEUROSCI 34 (36): 11929-11947 SEP 3 2014 <a href="http://www.jneurosci.org/content/34/36/11929.short">http://www.jneurosci.org/content/34/36/11929.short</a>	62
22	情感的认知重评: 关于人类	Cognitive Reappraisal of Emotion:	Buhle, JT	CEREB CORTEX 24 (11):	60

	神经成像研究的元分析	A Meta-Analysis of Human Neuroimaging Studies	Columbia Univ, Social Cognit Affect Neurosci Unit, Dept Psychol, 406 Schermerhorn Hall, 1190 Amsterdam Ave, New York, NY 10027 USA	2981-2990 NOV 2014 <a href="http://cercor.oxfordjournals.org/content/24/11/2981">http://cercor.oxfordjournals.org/content/24/11/2981</a>	
23	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	Prinz, M Univ Freiburg, Inst Neuropathol, Hugstetter Str 55, D-79106 Freiburg, Germany.	NAT NEUROSCI 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>	60
24	综述: 通过模拟和分析局部场电位来研究皮层环路功能	Modelling and analysis of local field potentials for studying the function of cortical circuits	Einevoll, GT Norwegian Univ Life Sci, Dept Math Sci & Technol, N-1432 As, Norway.	NAT REV NEUROSCI 14 (11): 770-785 NOV 2013 <a href="http://www.nature.com/nrn/journal/v14/n11/full/nrn3599.html">http://www.nature.com/nrn/journal/v14/n11/full/nrn3599.html</a>	59
25	利用弥散 MRI 研究白质纤维构造	Investigating the Prevalence of Complex Fiber Configurations in	Jeurissen, B Univ Antwerp, Vis Lab, Dept Phys,	HUM BRAIN MAPP 34 (11): 2747-2766 NOV 2013	58

		White Matter Tissue with Diffusion Magnetic Resonance Imaging	Univ Pl 1, B-2610 Antwerp, Belgium.	<a href="http://onlinelibrary.wiley.com/doi/10.1002/hbm.22099/abstract">http://onlinelibrary.wiley.com/doi/10.1002/hbm.22099/abstract</a>	
26	集落刺激因子 1 受体 (Colony-stimulating factor receptor, CSF1R) 抑制剂可 以完全清除成体小鼠大脑 CNS 中的小胶质细胞, 后者 可以加速包括阿尔茨海默 病和帕金森在内的多种神 经系统疾病的恶化	Colony-Stimulating Factor 1 Receptor Signaling Is Necessary for Microglia Viability, Unmasking a Microglia Progenitor Cell in the Adult Brain	Green, KN Univ Calif Irvine, Inst Memory Impairments & Neurol Disorders, Dept Neurobiol & Behav, Irvine, CA 92697 USA.	NEURON 82 (2): 380-397 APR 16 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0896627314001718">http://www.sciencedirect.com/science/article/pii/S0896627314001718</a>	55
27	NMDA 受体离子通道的晶 体结构 (crystal structure)	Crystal structure of a heterotetrameric NMDA receptor ion channel	Furukawa, H Cold Spring Harbor Lab, WM Keck Struct Biol Lab, One Bungtown Rd, Cold Spring Harbor, NY 11724 USA.	SCIENCE 344 (6187): 992-997 MAY 30 2014 <a href="http://www.sciencemag.org/content/344/6187/992.abstract">http://www.sciencemag.org/content/344/6187/992.abstract</a>	55

28	芬戈莫德 (fingolimod) 治疗复发缓解型多发性硬化症 (relapsing-remitting multiple sclerosis) 的安全性与疗效	Safety and efficacy of fingolimod in patients with relapsing-remitting multiple sclerosis (FREEDOMS II): a double-blind, randomised, placebo-controlled, phase 3 trial	Calabresi, PA 600 North Wolfe St, Baltimore, MD 21287 USA.	LANCET NEUROL 13 (6): 545-556 JUN 2014 <a href="http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(14)70049-3/abstract">http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(14)70049-3/abstract</a>	55
29	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 2007-2011	Ostrom, QT Case Western Reserve Univ, Sch Med, Case Comprehens Canc Ctr, Cleveland, OH 44106 USA.	NEURO-ONCOLOGY 16: 1-63 SUPPL. 4 OCT 2014 <a href="http://neuro-oncology.oxfordjournals.org/content/16/suppl_4/iv1.full">http://neuro-oncology.oxfordjournals.org/content/16/suppl_4/iv1.full</a>	55
30	杏仁核与内侧前额叶在恐惧条件化的形成与消退中的作用	Long-Range Connectivity Defines Behavioral Specificity of Amygdala Neurons	Luthi, A Friedrich Miescher Inst Biomed Res, Maulbeerstr 66, CH-4058 Basel,	NEURON 81 (2): 428-437 JAN 22 2014 <a href="http://www.cell.com/neuron/abstrac">http://www.cell.com/neuron/abstrac</a>	51

			Switzerland	<a href="mailto:t/S0896-6273(13)01040-4">t/S0896-6273(13)01040-4</a>	
31	小神经胶质细胞在神经退行性疾病中的作用	Microglial priming in neurodegenerative disease	Perry, VH Univ Southampton, Fac Nat & Environm Sci, Ctr Biol Sci, Tremona Rd, Southampton SO16 6YD, Hants, England.	NAT REV NEUROL 10 (4): 217-224 APR 2014 <a href="http://www.nature.com/nrneuro/journal/v10/n4/full/nrneuro.2014.38.html">http://www.nature.com/nrneuro/journal/v10/n4/full/nrneuro.2014.38.html</a>	50
32	人脑连接组中的中枢节点 (hub nodes) 多参与脑疾病的病理机制	The hubs of the human connectome are generally implicated in the anatomy of brain disorders	Crossley, NA Kings Coll London, Inst Psychiat, Dept Psychosis Studies, London SE5 8AF, England.	BRAIN 137: 2382-2395 PART 8 AUG 2014 <a href="http://brain.oxfordjournals.org/content/early/2014/06/18/brain.awu132">http://brain.oxfordjournals.org/content/early/2014/06/18/brain.awu132</a>	48
33	神经系统肿瘤分类与评级指导方针	International Society of Neuropathology-Haarlem	Louis, DN Massachusetts Gen Hosp, Pathol	BRAIN PATHOL 24 (5): 429-435 SEP 2014	48

		Consensus Guidelines for Nervous System Tumor Classification and Grading	Serv, WRN225,55 Fruit St, Boston, MA 02114 USA.	<a href="http://onlinelibrary.wiley.com/doi/10.1111/bpa.12171/full">http://onlinelibrary.wiley.com/doi/10.1111/bpa.12171/full</a>	
34	综述：遗传学进展推动对自闭症谱系障碍表型异质性的理解 (phenotypic heterogeneity)	Disentangling the heterogeneity of autism spectrum disorder through genetic findings	Jeste, SS Semel Inst Neurosci & Human Behav, 760 Westwood Plaza,Suite 68-237, Los Angeles, CA 90064 USA.	NAT REV NEUROL 10 (2): 74-81 FEB 2014 <a href="http://www.nature.com/nrneuro/journal/v10/n2/full/nrneuro.2013.278.html">http://www.nature.com/nrneuro/journal/v10/n2/full/nrneuro.2013.278.html</a>	47
35	在神经退行性疾病中，Tau 蛋白具有类似朊病毒 (Prion) 的繁殖特征	Distinct Tau Prion Strains Propagate in Cells and Mice and Define Different Tauopathies	Diamond, MI Washington Univ, Dept Neurol, St Louis, MO 63105 USA.	NEURON 82 (6): 1271-1288 JUN 18 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0896627314003626">http://www.sciencedirect.com/science/article/pii/S0896627314003626</a>	46

36	重复经颅磁刺激治疗性应用的循证指导方针	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS)	Lefaucheur, JP Hop Henri Mondor, Serv Physiol, 51 Ave Lattre Tassigny, F-94010 Creteil, France	CLIN NEUROPHYSIOL 125 (11): 2150-2206 NOV 2014 <a href="http://www.sciencedirect.com/science/article/pii/S138824571400296X">http://www.sciencedirect.com/science/article/pii/S138824571400296X</a>	46
37	综述: 医用大麻 (marijuana) 用于部分神经系统疾病的疗效与安全性	Systematic review: Efficacy and safety of medical marijuana in selected neurologic disorders  Report of the Guideline Development Subcommittee of the American Academy of Neurology	Koppel, BS Amer Acad Neurol, Minneapolis, MN  USA.	NEUROLOGY 82 (17): 1556-1563  APR 29 2014 <a href="http://www.dolor.org.co/articulos/Koppel%20Marijuana%20in%20Neurologic%20Disorders%202014.pdf">http://www.dolor.org.co/articulos/Koppel%20Marijuana%20in%20Neurologic%20Disorders%202014.pdf</a>	45
38	综述: 杏仁核环路在条件性恐惧 (conditioned fear) 调	Amygdala Microcircuits Controlling Learned Fear	Pare, D  Rutgers State Univ, Ctr Mol & Behav	NEURON 82 (5): 966-980 JUN 4  2014	45



	节中的作用		Neurosci, 197 Univ Ave, Newark, NJ 07102 USA	<a href="http://www.sciencedirect.com/science/article/pii/S0896627314003572">http://www.sciencedirect.com/science/article/pii/S0896627314003572</a>	
39	基于长时程增强 (long-term potentiation, LTP) 和长时程抑制 (long-term depression, LTD 原理, 成功剔除大鼠记忆并为其重新恢复记忆	Engineering a memory with LTD and LTP	Malinow, R Univ Calif San Diego, Dept Neurosci, Ctr Neural Circuits & Behav, La Jolla, CA 92093 USA.	NATURE 511 (7509): 348-+ JUL 17 2014 <a href="http://www.nature.com/nature/journal/vaop/ncurrent/full/nature13294.html">http://www.nature.com/nature/journal/vaop/ncurrent/full/nature13294.html</a>	44
40	C9orf72 重复扩增产生富含精氨酸的毒性蛋白进而引发神经退行性疾病	C9orf72 repeat expansions cause neurodegeneration in Drosophila through arginine-rich proteins	Isaacs, AM UCL Inst Neurol, Dept Neurodegenerat Dis, London WC1N 3BG, England.	SCIENCE 345 (6201): 1192-1194 SEP 5 2014 <a href="http://www.sciencemag.org/content/345/6201/1192.abstract">http://www.sciencemag.org/content/345/6201/1192.abstract</a>	44
41	综述: 小神经胶质细胞极化	Neuroinflammation and M2	O'Banion, MK	J NEUROINFLAMM 11: - JUN 3	42

	与神经系统疾病	microglia: the good, the bad, and the inflamed	Univ Rochester, Sch Med & Dent, Dept Neurobiol & Anat, Rochester, NY 14642 USA	2014 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4060849/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4060849/</a>	
42	综述: 中枢神经系统中的炎症小体 (inflammasomes)	Inflammasomes in the CNS	Power, C Univ Alberta, Dept Med Neurol, Edmonton, AB T6G 2S2, Canada.	NAT REV NEUROSCI 15 (2): 84-97 FEB 2014 <a href="http://www.nature.com/nrn/journal/v15/n2/full/nrn3638.html">http://www.nature.com/nrn/journal/v15/n2/full/nrn3638.html</a>	41
43	人脑中固有和任务诱发的网络结构	Intrinsic and Task-Evoked Network Architectures of the Human Brain	Cole, MW Rutgers State Univ, Ctr Mol & Behav Neurosci, Newark, NJ 07102 USA.	NEURON 83 (1): 238-251 JUL 2 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0896627314004000">http://www.sciencedirect.com/science/article/pii/S0896627314004000</a>	40
44	阿尔茨海默症临床前期的主观性认知减退 (subjective	A conceptual framework for research on subjective cognitive	Jessen, F Univ Bonn, Dept Psychiat, Bonn,	ALZHEIMERS DEMENT 10 (6): 844-852 NOV 2014	39

	cognitive decline, SCD)	decline in preclinical Alzheimer's disease	Germany	<a href="http://www.sciencedirect.com/science/article/pii/S1552526014000028">http://www.sciencedirect.com/science/article/pii/S1552526014000028</a>	
45	位于杏仁核的中间神经元基于去抑制 (disinhibitory) 机制调控恐惧条件化的习得	Amygdala interneuron subtypes control fear learning through disinhibition	Luthi, A Friedrich Miescher Inst Biomed Res, Maulbeerstr 66, CH-4058 Basel, Switzerland	NATURE 509 (7501): 453-+ MAY 22 2014 <a href="http://www.nature.com/nature/journal/v509/n7501/full/nature13258.html">http://www.nature.com/nature/journal/v509/n7501/full/nature13258.html</a>	38
46	综述: 大麻二酚 (cannabidiol) 在癫痫及其他神经精神疾病中的潜在治疗作用	Cannabidiol: Pharmacology and potential therapeutic role in epilepsy and other neuropsychiatric disorders	Devinsky, O NYU, Sch Med, Comprehens Epilepsy Ctr, 223 East 34th St, New York, NY 10016 USA	EPILEPSIA 55 (6): 791-802 JUN 2014 <a href="http://onlinelibrary.wiley.com/doi/10.1111/epi.12631/abstract">http://onlinelibrary.wiley.com/doi/10.1111/epi.12631/abstract</a>	38
47	利用激活可能性估计 (activation likelihood estimation, ALE)和脑连通	Neural network of cognitive emotion regulation - An ALE meta-analysis and MACM analysis	Kohn, N Rhein Westfal TH Aachen, Dept Psychiat Psychotherapy &	NEUROIMAGE 87: 345-355 FEB 15 2014 <a href="http://www.sciencedirect.com/scien">http://www.sciencedirect.com/scien</a>	33

	性元分析模型 (meta-analytic connectivity modeling) 研究情感调节 (emotion regulation, ER)		Psychosomat Med, Pauwelsstr 30, D-52074 Aachen, Germany	<a href="http://www.sciencedirect.com/science/article/pii/S1053811913010902">ce/article/pii/S1053811913010902</a>	
48	综述: 从遗传学角度考察多 发性硬化症	Multiple sclerosis genetics	Sawcer, S Univ Cambridge, Dept Clin Neurosci, Box 165, Cambridge Biomed Campus, Cambridge CB2 0QQ, England	LANCET NEUROL 13 (7): 700-709 JUL 2014 <a href="http://www.sciencedirect.com/science/article/pii/S1474442214700419">http://www.sciencedirect.com/science/article/pii/S1474442214700419</a>	33
49	睡眠与疼痛	The Association of Sleep and Pain: An Update and a Path Forward	Finan, PH Johns Hopkins Univ, Sch Med, 5510 Nathan Shock Dr, Baltimore, MD 21224 USA.	J PAIN 14 (12): 1539-1552 DEC 2013 <a href="http://www.ncbi.nlm.nih.gov/pubmed/24290442">http://www.ncbi.nlm.nih.gov/pubmed/24290442</a>	31
50	利用单细胞转录组分析技术 (single-cell RNA-Seq) 揭示小鼠皮层和海马的细	Cell types in the mouse cortex and hippocampus revealed by single-cell RNA-seq	Linnarsson, S Karolinska Inst, Dept Med Biochem & Biophys, Div Mol Neurobiol,	SCIENCE 347 (6226): 1138-1142 MAR 6 2015 <a href="http://www.sciencemag.org/content">http://www.sciencemag.org/content</a>	29

	胞类型		S-17177 Stockholm, Sweden	<a href="#">/347/6226/1138.abstract</a>	
51	自闭症谱系障碍患者大脑树突修剪功能障碍与依赖mTOR的自噬功能受损	Loss of mTOR-Dependent Macroautophagy Causes Autistic-like Synaptic Pruning Deficits	Sulzer, D Columbia Univ, Med Ctr, Dept Neurol, New York, NY 10032 USA	NEURON 83 (5): 1131-1143 SEP 3 2014 <a href="http://www.sciencedirect.com/science/article/pii/S0896627314006515">http://www.sciencedirect.com/science/article/pii/S0896627314006515</a>	29
52	综述: 阳离子-氯离子共转运体 (cation-chloride cotransporters, CCC) 作为一类离子转运蛋白家族, 其在神经发育、可塑性与神经疾病中的作用	Cation-chloride cotransporters in neuronal development, plasticity and disease	Kaila, K Univ Helsinki, Dept Biosci, FIN-00014 Helsinki, Finland.	NAT REV NEUROSCI 15 (10): 637-654 OCT 2014 <a href="http://www.nature.com/nrn/journal/v15/n10/abs/nrn3819.html">http://www.nature.com/nrn/journal/v15/n10/abs/nrn3819.html</a>	28
53	成人神经病理性疼痛 (neuropathic pain) 的药物治疗: 综述与元分析	Pharmacotherapy for neuropathic pain in adults: a systematic review and meta-analysis	Attal, N Hop Ambroise Pare, INSERM, U987, Boulogne, France.	LANCET NEUROL 14 (2): 162-173 FEB 2015 <a href="http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(14)70">http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(14)70</a>	27

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54	通过大规模单个细胞 RNA 测序确定感觉神经元类型	Unbiased classification of sensory neuron types by large-scale single-cell RNA sequencing	Ernfors, P Karolinska Inst, Dept Med Biochem & Biophys, Div Mol Neurobiol, Stockholm, Sweden	NAT NEUROSCI 18 (1): 145-+ JAN 2015 <a href="http://www.nature.com/neuro/journal/v18/n1/full/nn.3881.html">http://www.nature.com/neuro/journal/v18/n1/full/nn.3881.html</a>	26
55	进行性多灶性白质脑病 (progressive multifocal leukoencephalopathy)	Anti-JC Virus Antibody Levels in Serum or Plasma Further Define Risk of Natalizumab-Associated Progressive Multifocal Leukoencephalopathy	Subramanyam, M Biogen Idec Inc, 14 Cambridge Ctr, Cambridge, MA 02142 USA.	ANN NEUROL 76 (6): 802-812 DEC 2014 <a href="http://onlinelibrary.wiley.com/doi/10.1002/ana.24286/full">http://onlinelibrary.wiley.com/doi/10.1002/ana.24286/full</a>	25
56	小胶质细胞 (microglia) 和巨噬细胞 (macrophage) 在脑损伤修复中的积极作用	Microglial and macrophage polarization -new prospects for brain repair	Chen, J Univ Pittsburgh, Sch Med, Ctr Cerebrovasc Dis Res, 200 Lothrop St, Pittsburgh, PA 15213 USA	NAT REV NEUROL 11 (1): 56-64 JAN 2015 <a href="http://www.nature.com/nrneuro/journal/v11/n1/full/nrneuro1.2014.20">http://www.nature.com/nrneuro/journal/v11/n1/full/nrneuro1.2014.20</a>	23

				<a href="#">7.html</a>	
57	综述: PINK1、Parkin 与线粒体在帕金森氏病中的作用	The Roles of PINK1, Parkin, and Mitochondrial Fidelity in Parkinson's Disease	Youle, RJ NINDS, Biochem Sect, Surg Neurol Branch, NIH, Bethesda, MD 20892 USA.	NEURON 85 (2): 257-273 JAN 21 2015 <a href="http://www.sciencedirect.com/science/article/pii/S0896627314010885">http://www.sciencedirect.com/science/article/pii/S0896627314010885</a>	23
58	c9FTD/ALS (额颞叶型痴呆和肌萎缩性脊髓侧索硬化症被认为是同一类神经退行性疾病, 具有共同的临床病理学和遗传学特征, 由 C9orf72 基因上 GGGGCC 六核苷酸重复序列扩增引起的, 因此这类疾病统称为 c9FTD/ALS)	Aggregation-prone c9FTD/ALS poly(GA) RAN-translated proteins cause neurotoxicity by inducing ER stress	Petrucelli, L Mayo Clin Florida, Dept Neurosci, Jacksonville, FL 32224 USA	ACTA NEUROPATHOL 128 (4): 505-524 OCT 2014 <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4159567/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4159567/</a>	21
59	杏仁核: 从解剖连接到行为	From circuits to behaviour in the	Janak, PH	NATURE 517 (7534): 284-292	20

	功能	amygdala	Johns Hopkins Univ, Dept Psychol & Brain Sci, Baltimore, MD 21218  USA	JAN 15 2015 <a href="http://www.nature.com/nature/journal/v517/n7534/full/nature14188.html">http://www.nature.com/nature/journal/v517/n7534/full/nature14188.html</a>	
60	利用高分辨率 MRI 发现, 正常老龄化大脑血脑屏障的破坏始于海马	Blood-Brain Barrier Breakdown in the Aging Human Hippocampus	Zlokovic, BV Univ So Calif, Keck Sch Med, Zilkha Neurogenet Inst, Los Angeles, CA 90089 USA	NEURON 85 (2): 296-302 JAN 21 2015 <a href="http://www.sciencedirect.com/science/article/pii/S0896627314011416">http://www.sciencedirect.com/science/article/pii/S0896627314011416</a>	20
61	综述: 阿尔茨海默症中的神经炎症	Neuroinflammation in Alzheimer's disease	Heneka, MT Univ Bonn, Dept Neurol, Univ Hosp Bonn, D-53127 Bonn, Germany.	LANCET NEUROL 14 (4): 388-405 APR 2015 <a href="http://www.sciencedirect.com/science/article/pii/S1474442215700165">http://www.sciencedirect.com/science/article/pii/S1474442215700165</a>	19
62	综述: 正常和异常脑功能状态中多聚不饱和脂肪酸	Polyunsaturated fatty acids and their metabolites in brain function	Bazinet, RP Univ Toronto, Dept Nutr Sci,	NAT REV NEUROSCI 15 (12): 771-785 DEC 2014	19



	(polyunsaturated fatty acid) 及其代谢	and disease	Toronto, ON M5S 3E2, Canada	<a href="http://www.nature.com/nrn/journal/v15/n12/abs/nrn3820.html">http://www.nature.com/nrn/journal/v15/n12/abs/nrn3820.html</a>	
63	为脊髓严重受损的瘫痪大鼠植入电子硬脊膜 (Electronic dura, 一种在柔软度、拉伸能力和变形能力等方面与脊髓的外层保护膜硬脊膜十分接近的柔性器材), 使其恢复行走能力	Electronic dura mater for long-term multimodal neural interfaces	Courtine, G Ecole Polytech Fed Lausanne, Ctr Neuroprosth, Int Parapleg Fdn Chair Spinal Cord Repair, CH-1015 Lausanne, Switzerland.	SCIENCE 347 (6218): 159-163 JAN 9 2015 <a href="http://www.sciencemag.org/content/347/6218/159">http://www.sciencemag.org/content/347/6218/159</a>	17
64	恐惧记忆产生后, 检索恐惧记忆的大脑回路会随着时间推移发生改变	A temporal shift in the circuits mediating retrieval of fear memory	Do-Monte, FH Univ Puerto Rico, Dept Psychiat, Sch Med, POB 365067, San Juan, PR 00936 USA	NATURE 519 (7544): 460-+ MAR 26 2015 <a href="http://www.nature.com/nature/journal/v519/n7544/full/nature14030.html">http://www.nature.com/nature/journal/v519/n7544/full/nature14030.html</a>	17
65	综述: 正念冥想的神经科学	The neuroscience of mindfulness	Tang, YY	NAT REV NEUROSCI 16 (4):	17

	机制	meditation	Texas Tech Univ, Dept Psychol Sci, Lubbock, TX 79409 USA	213-U80 APR 2015 <a href="http://www.nature.com/nrn/journal/v16/n4/abs/nrn3916.html">http://www.nature.com/nrn/journal/v16/n4/abs/nrn3916.html</a>	
66	自闭症谱系障碍患者静息态功能连接模式异常	The idiosyncratic brain: distortion of spontaneous connectivity patterns in autism spectrum disorder	Malach, R Weizmann Inst Sci, Dept Neurobiol, IL-76100 Rehovot, Israel.	NAT NEUROSCI 18 (2): 302-309 FEB 2015 <a href="http://www.nature.com/neuro/journal/v18/n2/full/nn.3919.html">http://www.nature.com/neuro/journal/v18/n2/full/nn.3919.html</a>	16
67	综述: 恐惧条件化和恐惧记忆的神经编码机制	Encoding of fear learning and memory in distributed neuronal circuits	Johansen, JP RIKEN Brain Sci Inst, Lab Neural Circuitry Memory, Wako, Saitama, Japan.	NAT NEUROSCI 17 (12): 1644-1654 DEC 2014 <a href="http://www.nature.com/neuro/journal/v17/n12/full/nn.3869.html">http://www.nature.com/neuro/journal/v17/n12/full/nn.3869.html</a>	16
68	帕金森氏症的病理学依据	Direct evidence of Parkinson pathology spread from the gastrointestinal tract to the brain in	Li, JY Lund Univ, Neural Plast & Repair Unit, Dept Expt Med Sci, Wallenberg	ACTA NEUROPATHOL 128 (6): 805-820 DEC 2014 <a href="http://link.springer.com/article/10.1">http://link.springer.com/article/10.1</a>	15

		rats	Neurosci Ctr, BMC A10, S-22184 Lund, Sweden	<a href="#">007%2Fs00401-014-1343-6</a>	
69	炎性神经病变 (inflammatory neuropathies)	Changing outcome in inflammatory neuropathies Rasch-comparative responsiveness	Draak, THP Univ Med Ctr Maastricht, Dept Neurol, Maastricht, Netherlands	NEUROLOGY 83 (23): 2124-2132 DEC 2 2014 <a href="http://www.neurology.org/content/83/23/2124">http://www.neurology.org/content/83/23/2124</a>	13
70	综述: 新皮层神经环路	The neocortical circuit: themes and variations	Harris, KD UCL, Inst Neurol, London, England	NAT NEUROSCI 18 (2): 170-181 FEB 2015 <a href="http://www.nature.com/neuro/journal/v18/n2/full/nn.3917.html?WT.ec_id=NEURO-201502">http://www.nature.com/neuro/journal/v18/n2/full/nn.3917.html?WT.ec_id=NEURO-201502</a>	12
71	丘脑室旁核 (paraventricular nucleus, PVT) 调节中央杏仁核的恐惧加工	The paraventricular thalamus controls a central amygdala fear circuit	Penzo, MA Cold Spring Harbor Lab, POB 100, Cold Spring Harbor, NY 11724 USA.	NATURE 519 (7544): 455-+ MAR 26 2015 <a href="http://www.nature.com/nature/journal/v519/n7544/full/nature13978.ht">http://www.nature.com/nature/journal/v519/n7544/full/nature13978.ht</a>	10

				<a href="#">ml</a>	
72	慢性痛治疗中阿片的误用、滥用与成瘾：综述与资料综合（data synthesis）	Rates of opioid misuse, abuse, and addiction in chronic pain: a systematic review and data synthesis	Vowles, KE Univ New Mexico, Dept Psychol, MSC03 2220, Logan Hall, 1 Univ New Mexico, Albuquerque, NM 87131 USA.	PAIN 156 (4): 569-576 APR 2015 <a href="http://idhdp.com/media/400537/rates_of_opioid_misuse-abuse-and_addiction_in3.pdf">http://idhdp.com/media/400537/rates_of_opioid_misuse-abuse-and_addiction_in3.pdf</a>	10
73	正强化和负强化背后的神经环路机制	A circuit mechanism for differentiating positive and negative associations	Tye, KM MIT, Dept Brain & Cognit Sci, Picower Inst Learning & Memory, E25-618, Cambridge, MA 02139 USA	NATURE 520 (7549): 675-U208 APR 30 2015 <a href="http://www.nature.com/nature/journal/v520/n7549/full/nature14366.html">http://www.nature.com/nature/journal/v520/n7549/full/nature14366.html</a>	10
74	综述：针对脑、脊髓与神经根的非侵入性电刺激与磁刺激的临床实践基本原则	Non-invasive electrical and magnetic stimulation of the brain, spinal cord, roots and peripheral nerves: Basic principles and	Di Iorio, R Univ Cattolica Sacro Cuore, Dept Geriatr Neurosci & Orthoped, Policlin A Gemelli, Inst Neurol, Lgo	CLIN NEUROPHYSIOL 126 (6): 1071-1107 JUN 2015 <a href="http://www.sciencedirect.com/science/article/pii/S1388245715000711">http://www.sciencedirect.com/science/article/pii/S1388245715000711</a>	10

		procedures for routine clinical and research application. An updated report from an IFCN Committee	A Gemelli 8, I-00168 Rome, Italy.		
75	综述：炎症在阿尔茨海默症发病机制中的角色	Immune attack: the role of inflammation in Alzheimer disease	Heppner, FL Charite, Dept Neuropathol, Charite Pl 1, D-10117 Berlin, Germany.	NAT REV NEUROSCI 16 (6): 358-372 JUN 2015 <a href="http://www.nature.com/nrn/journal/v16/n6/full/nrn3880.html">http://www.nature.com/nrn/journal/v16/n6/full/nrn3880.html</a>	10
76	成瘾的多巴胺理论	The dopamine theory of addiction: 40 years of highs and lows	Nutt, DJ Univ London Imperial Coll Sci Technol & Med, Ctr Neuropsychopharmacol, Div Brain Sci, Burlington Danes Bldg, London W12 0NN, England	NAT REV NEUROSCI 16 (5): 305-312 MAY 2015 <a href="http://www.nature.com/nrn/journal/v16/n5/full/nrn3939.html">http://www.nature.com/nrn/journal/v16/n5/full/nrn3939.html</a>	8
77	一个新型小鼠模型，呈现出与肌萎缩性脊髓侧索硬化症（ALS）和额颞叶型痴呆	C9ORF72 repeat expansions in mice cause TDP-43 pathology, neuronal loss, and behavioral	Petrucelli, L Mayo Clin, Dept Neurosci, 4500 San Pablo Rd, Jacksonville, FL 32224	SCIENCE 348 (6239): 1151-1154 JUN 5 2015 <a href="http://www.ncbi.nlm.nih.gov/pubm">http://www.ncbi.nlm.nih.gov/pubm</a>	8

	(FTD)相似的神经病理学和遗传学改变	deficits	USA	<a href="#">ed/25977373</a>	
78	益生元 (prebiotics) 对人体神经生理机能的影响	Prebiotic intake reduces the waking cortisol response and alters emotional bias in healthy volunteers	Burnet, PWJ Univ Oxford, Warneford Hosp, Dept Psychiat, Oxford OX3 7JX, England.	PSYCHOPHARMACOLOGY 232 (10): 1793-1801 MAY 2015 <a href="http://link.springer.com/article/10.1007%2Fs00213-014-3810-0">http://link.springer.com/article/10.1007%2Fs00213-014-3810-0</a>	7
79	口服大麻提取物治疗难治性癫痫 (refractory epilepsy)	Parental reporting of response to oral cannabis extracts for treatment of refractory epilepsy	Chapman, KE 13123 East 16th Ave, Box B155, Aurora, CO 80045 USA.	EPILEPSY BEHAV 45: 49-52 APR 2015 <a href="http://www.sciencedirect.com/science/article/pii/S1525505015001043">http://www.sciencedirect.com/science/article/pii/S1525505015001043</a>	7
80	综述: 视神经脊髓炎谱系障碍 (neuromyelitis optica spectrum disorders) 的诊断标准	International consensus diagnostic criteria for neuromyelitis optica spectrum disorders	Wingerchuk, DM Mayo Clin, Dept Neurol, Scottsdale, AZ 85259 USA	NEUROLOGY 85 (2): 177-189 JUL 14 2015 <a href="http://www.neurology.org/content/85/2/177.abstract">http://www.neurology.org/content/85/2/177.abstract</a>	7

81	催产素易化恐惧条件化的消退	Oxytocin Facilitates the Extinction of Conditioned Fear in Humans	Hurlemann, R Univ Bonn, Dept Psychiat, Sigmund Freud Str 25, D-53105 Bonn, Germany.	BIOL PSYCHIAT 78 (3): 194-202 AUG 1 2015 <a href="http://www.sciencedirect.com/science/article/pii/S0006322314007951">http://www.sciencedirect.com/science/article/pii/S0006322314007951</a>	6
82	特约综述: 炎性细胞因子的神经调制功能	Neuromodulatory properties of inflammatory cytokines and their impact on neuronal excitability	Vezzani, A IRCCS Mario Negri Inst Pharmacol Res, Dept Neurosci, Lab Expt Neurol, Via G La Masa 19, I-20156 Milan, Italy	NEUROPHARMACOLOGY 96: 70-82 PART A SP. ISS. SI SEP 2015 <a href="http://www.sciencedirect.com/science/article/pii/S002839081400402X">http://www.sciencedirect.com/science/article/pii/S002839081400402X</a>	6
83	美国心脏协会 (AMERICAN HEART ASSOCIATION) / 美国中风协会(American Stroke Association): 自发性脑出血 (spontaneous intracerebral	Guidelines for the Management of Spontaneous Intracerebral Hemorrhage A Guideline for Healthcare Professionals From the American Heart Association/American Stroke	Hemphill, JC Univ Calif San Francisco, San Francisco, CA 94143 USA.	STROKE 46 (7): 2032-2060 JUL 2015 <a href="http://stroke.ahajournals.org/content/46/7/2032.full">http://stroke.ahajournals.org/content/46/7/2032.full</a>	4

	hemorrhage)诊断与治疗的 指导方针	Association			
84	共生菌调控小神经胶质细胞的成熟与功能	Host microbiota constantly control maturation and function of microglia in the CNS	Prinz, M Univ Freiburg, Inst Neuropathol, Hugstetter Str 55, D-79106 Freiburg, Germany	NAT NEUROSCI 18 (7): 965-+ JUL 2015 <a href="http://www.nature.com/neuro/journal/v18/n7/abs/nn.4030.html">http://www.nature.com/neuro/journal/v18/n7/abs/nn.4030.html</a>	4
85	由于雄性和雌性小鼠机械痛敏由不同免疫细胞调制,因此在痛觉研究中,雄性小鼠不能作为雌性小鼠的替代品	Different immune cells mediate mechanical pain hypersensitivity in male and female mice	Mogil, JS McGill Univ, Dept Psychol, Montreal, PQ, Canada.	NAT NEUROSCI 18 (8): 1081-+ AUG 2015 <a href="http://www.nature.com/neuro/journal/v18/n8/full/nn.4053.html">http://www.nature.com/neuro/journal/v18/n8/full/nn.4053.html</a>	4
86	动作相关脑区的神经编码	Neural coding within human brain areas involved in actions	Culham, JC Univ Western Ontario, Brain & Mind Inst, London, ON, Canada	CURR OPIN NEUROBIOL 33: 141-149 AUG 2015 <a href="http://www.sciencedirect.com/science/article/pii/S0959438815000677">http://www.sciencedirect.com/science/article/pii/S0959438815000677</a>	4



87	综述：表面拉普拉斯 (surface Laplacian) 技术与 EEG	The surface Laplacian technique in EEG: Theory and methods	Carvalhoes, C Stanford Univ, Ctr Study Language & Informat, 220 Panama St, Stanford, CA 94305 USA	INT J PSYCHOPHYSIOL 97 (3): 174-188 SP. ISS. SI SEP 2015 <a href="http://www.sciencedirect.com/science/article/pii/S0167876015001749">http://www.sciencedirect.com/science/article/pii/S0167876015001749</a>	4
88	EEG 的空间与时间分辨率	Spatial and temporal resolutions of EEG: Is it really black and white? A scalp current density view	Burle, B Aix Marseille Univ, Lab Neurosci Cognit, CNRS, Case C,3,PI Victor Hugo, F-13331 Marseille 3, France	INT J PSYCHOPHYSIOL 97 (3): 210-220 SP. ISS. SI SEP 2015 <a href="http://www.sciencedirect.com/science/article/pii/S0167876015001865">http://www.sciencedirect.com/science/article/pii/S0167876015001865</a>	4
89	表面拉普拉斯技术与 EEG 参考电极	Hemifield-dependent N1 and event-related theta/delta oscillations: An unbiased comparison of surface Laplacian and common EEG reference choices	Kayser, J New York State Psychiat Inst & Hosp, Div Cognit Neurosci, Unit 50,1051 Riverside Dr, New York, NY 10032 USA.	INT J PSYCHOPHYSIOL 97 (3): 258-270 SP. ISS. SI SEP 2015 <a href="http://www.sciencedirect.com/science/article/pii/S0167876014016730">http://www.sciencedirect.com/science/article/pii/S0167876014016730</a>	4
90	表面拉普拉斯技术在脑-机	The advantages of the surface	McFarland, DJ	INT J PSYCHOPHYSIOL 97 (3):	4

	接口 (brain-computer interface, BCI) 研究中的优势	Laplacian in brain-computer interface research	New York State Dept Hlth, Wadsworth Ctr, Lab Neural Injury & Repair, Albany, NY 12201 USA	271-276 SP. ISS. SI SEP 2015 <a href="http://www.sciencedirect.com/science/article/pii/S016787601400186X">http://www.sciencedirect.com/science/article/pii/S016787601400186X</a>	
91	综述: 神经病学家 (neurologists) 在临床与研究工作中用到的各种测量指标	Rasch-ionale for neurologists	Merkies, ISJ Maastricht Univ, Med Ctr, Dept Neurol, Maastricht & Spaarne Hosp, Spaarnepoort 1, NL-2134 TM Hoofddorp, Netherlands	J PERIPHER NERV SYST 20 (3): 260-268 SEP 2015 <a href="http://onlinelibrary.wiley.com/doi/10.1111/jns.12122/abstract">http://onlinelibrary.wiley.com/doi/10.1111/jns.12122/abstract</a>	4
92	基于 Rasch 分析的多灶性运动神经病 (multifocal motor neuropathy) 残疾评定量表	Rasch-built Overall Disability Scale for Multifocal motor neuropathy (MMN-RODS(C))	Merkies, ISJ Maastricht Univ, Med Ctr, Maastricht & Spaarne Hosp, Hoofddorp, Netherlands.	J PERIPHER NERV SYST 20 (3): 296-305 SEP 2015 <a href="http://onlinelibrary.wiley.com/doi/10.1111/jns.12141/abstract">http://onlinelibrary.wiley.com/doi/10.1111/jns.12141/abstract</a>	4
93	反复脑损伤或加速衰老增加痴呆风险	Beta-amyloid deposition in chronic traumatic encephalopathy	Stein, TD VA Boston Healthcare Syst, Boston, MA 02130 USA	ACTA NEUROPATHOL 130 (1): 21-34 JUL 2015 <a href="http://link.springer.com/article/10.1">http://link.springer.com/article/10.1</a>	3

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94	BDNF Val66Met 基因多态性影响不同类型记忆的老年化	<i>BDNF</i> val66met polymorphism affects aging of multiple types of memory	Kennedy, KM Univ Texas Dallas, Sch Behav & Brain Sci, Ctr Vital Longev, 1600 Viceroy Dr, Ste 800, Dallas, TX 75235 USA	BRAIN RES 1612: 104-117 JUL 1 2015 <a href="http://www.sciencedirect.com/science/article/pii/S0006899314012931">http://www.sciencedirect.com/science/article/pii/S0006899314012931</a>	3
95	额颞叶型痴呆与运动神经元疾病	Accumulation of dipeptide repeat proteins predates that of TDP-43 in frontotemporal lobar degeneration associated with hexanucleotide repeat expansions in C9ORF72 gene	Mann, DMA Univ Manchester, Salford Royal Fdn NHS Trust, Inst Brain Behav & Mental Hlth, Clin & Cognit Neurosci Res Grp, Salford M6 8HD, Lancs, England.	NEUROPATHOL APPL NEUROBIOL 41 (5): 601-612 AUG 2015 <a href="http://onlinelibrary.wiley.com/doi/10.1111/nan.12178/full">http://onlinelibrary.wiley.com/doi/10.1111/nan.12178/full</a>	3