

ESI 中神经科学与行为领域热点论文 信息推送

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——基于 2016 年 3 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 10 月至 2015 年 10 月发表的文章中, 在 2015 年 11 月和 12 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 3 月 10 日。

本期发布神经科学与行为领域热点文章 101 篇, 其中首次入榜文章 54 篇。单篇最高被引 183 次, 最低被引 3 次。被引 183 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 54 篇中单篇最高被引 61 次的是德国哥廷根大学 (Universität Göttingen) 的 Rizzoli, SO 等人合作发表在 *SCIENCE* 上的工作, 标题为“Composition of isolated synaptic boutons reveals the amounts of vesicle trafficking proteins”, 文章有关突触囊泡再循环 (Synaptic Vesicle Recycling)。

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:

- 34: fMRI 数据自动降噪;
- 36: 电脑芯片可模仿人脑的特征;
- 46: 非侵入性刺激背外侧前额叶对工作记忆的影响;
- 58: 突显网络 (Salience Network) 与神经精神障碍;
- 65: 有关脑疾病的神经连接组学 (Connectomics) 的综述;
- 70: 母体免疫系统激活 (Maternal Immune Activation, MIA) 与后代脑发育异常;
- 73: 多巴胺神经元调制奖赏通路;
- 77: 来自后顶叶皮层 (Posterior Parietal Cortex, PPC) 的信号可被解码并最终用于控制电脑光标或机器人肢体移动;
- 101: RDoC 框架下的心理病理学研究。

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)。

附表：ESI 2016 年 3 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 http://stroke.ahajournals.org/content/45/7/2160	183
2	推动阿尔茨海默症的诊断标准：IWG-2 标准	Advancing research diagnostic criteria for Alzheimer's disease: the IWG-2 criteria	Dubois, B Salpetriere Hosp, Ctr Malad Cognit & Comportement, Pavil F Lhermitte, 47 Bld Hop, F-75013 Paris, France.	LANCET NEUROL 13 (6): 614-629 JUN 2014 http://www.sciencedirect.com/science/article/pii/S1474442214700900	143
3	ALS 的遗传学病因	State of play in amyotrophic lateral	Traynor, BJ	NAT NEUROSCI 17 (1): 17-23	139

		sclerosis genetics	NIA, Neuromuscular Dis Res Unit, Neurogenet Lab, NIH, Bethesda, MD 20892 USA	JAN 2014 http://www.nature.com/neuro/journal/v17/n1/full/nn.3584.html	
4	亲代的嗅觉经验可影响后代的行为与神经结构, 提示恐惧可以跨代遗传	Parental olfactory experience influences behavior and neural structure in subsequent generations	Dias, BG Emory Univ, Sch Med, Dept Psychiat & Behav Sci, Atlanta, GA 30322 USA.	NAT NEUROSCI 17 (1): 89-96 JAN 2014 http://www.nature.com/neuro/journal/v17/n1/full/nn.3594.html	127
5	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 http://www.nature.com/neuro/journal/v17/n1/full/nn.3599.html	123
6	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 http://www.sciencedirect.com/scie	108

				nce/article/pii/S089662731301186	
				0	
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 http://brain.oxfordjournals.org/content/brain/early/2013/07/18/brain.awt162.full.pdf	107
8	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 http://onlinelibrary.wiley.com/doi/10.1111/epi.12550/epdf	101
9	去掉静息态 fMRI 运动伪迹的	Methods to detect, characterize, and	Power, JD	NEUROIMAGE 84: 320-341	98

	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	JAN 1 2014 http://www.sciencedirect.com/science/article/pii/S1053811913009117	
10	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 http://www.nature.com/nature/journal/v508/n7494/full/nature13165.html	96
11	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 http://www.jneurosci.org/content/34/36/11929.short	93
12	阿尔茨海默症一级预防 (primary prevention, 即病因预防) 的可	Potential for primary prevention of Alzheimer's disease: an analysis of	Brayne, C Univ Cambridge, Inst Publ Hlth,	LANCET NEUROL 13 (8): 788-794 AUG 2014	92

	能性	population-based data	Cambridge CB2 0SR, England.	http://www.sciencedirect.com/science/article/pii/S147444221470136X	
13	综述: 发育毒性 (Developmental toxicity)	Neurobehavioural effects of developmental toxicity	Grandjean, P Harvard Univ, Sch Publ Hlth, 401 Pk Dr E-110, Boston, MA 02215 USA	LANCET NEUROL 13 (3): 330-338 MAR 2014 http://www.sciencedirect.com/science/article/pii/S1474442213702783	89
14	神经退行性病变细胞自我吞噬 (autophagy) 功能障碍	Autophagy and apoptosis dysfunction in neurodegenerative disorders	Los, MJ Linkoping Univ, Div Cell Biol, Integrat Regenerat Med Ctr IGEN, Dept Clin & Expt Med IKE, Linkoping, Sweden.	PROG NEUROBIOL 112: 24-49 JAN 2014 http://www.sciencedirect.com/science/article/pii/S0301008213001044	87
15	综述: 单核吞噬细胞	Microglia and brain macrophages in	Prinz, M	NAT REV NEUROSCI 15 (5):	87

	(Mononuclear phagocytic cells) 的功能及其概念演化	the molecular age: from origin to neuropsychiatric disease	Univ Freiburg, Inst Neuropathol, Breisacherstr 64, D-79106 Freiburg, Germany	300-312 MAY 2014 http://www.nature.com/nrn/journal/v15/n5/full/nrn3722.html	
16	胶质传递 (gliotransmission): 星 形胶质细胞与神经元之间的信 号传导方式	Gliotransmitters Travel in Time and Space	Carmignoto, G Univ Padua, CNR, Ist Neurosci, I-35121 Padua, Italy.	NEURON 81 (4): 728-739 FEB 19 2014 http://www.sciencedirect.com/science/article/pii/S0896627314001056	86
17	人类胎儿妊娠中期详细大脑基 因表达图谱	Transcriptional landscape of the prenatal human brain	Lein, ES Allen Inst Brain Sci, Seattle, WA 98103 USA	NATURE 508 (7495): 199-+ APR 10 2014 http://www.nature.com/nature/journal/v508/n7495/full/nature13185.html	85
18	GDF11 蛋白可逆转小鼠衰老迹 象	Vascular and Neurogenic Rejuvenation of the Aging Mouse Brain by Young	Katsimpardi, L Harvard Univ, Dept Stem Cell	SCIENCE 344 (6184): 630-634 MAY 9 2014	81

		Systemic Factors	& Regenerat Biol, Cambridge, MA 02138 USA.	http://www.sciencemag.org/content/344/6184/630.abstract	
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 http://www.sciencedirect.com/science/article/pii/S0896627314000117	77
20	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 http://neuro-oncology.oxfordjournals.org/content/16/suppl_4/iv1.full	75
21	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	NEUROLOGY 83 (3): 278-286 JUL 15 2014 http://www.ncbi.nlm.nih.gov/pub	74

			Ctr Multiple Sclerose, New York, NY 10029 USA.	med/24871874	
22	兴奋性中毒 (Excitotoxicity) 是中风后神经元受损的主要机制	Excitotoxicity and stroke: Identifying novel targets for neuroprotection	Lai, TW China Med Univ, Grad Inst Clin Med Sci, 91 Hsueh Shih Rd, Taichung 40402, Taiwan.	PROG NEUROBIOL 115: 157-188 SP. ISS. SI APR 2014 http://www.sciencedirect.com/science/article/pii/S0301008213001305	71
23	情感的认知重评: 关于人类神经成像研究的元分析	Cognitive Reappraisal of Emotion: A Meta-Analysis of Human Neuroimaging Studies	Buhle, JT Columbia Univ, Social Cognit Affect Neurosci Unit, Dept Psychol, 406 Schermerhorn Hall, 1190 Amsterdam Ave, New York, NY 10027 USA	CEREB CORTEX 24 (11): 2981-2990 NOV 2014 http://cercor.oxfordjournals.org/content/24/11/2981	70
24	芬戈莫德 (fingolimod) 治疗复发缓解型多发性硬化症 (relapsing-remitting multiple sclerosis (FREEDOMS II): a	Safety and efficacy of fingolimod in patients with relapsing-remitting multiple sclerosis (FREEDOMS II): a	Calabresi, PA 600 North Wolfe St, Baltimore, MD 21287 USA	LANCET NEUROL 13 (6): 545-556 JUN 2014 http://www.thelancet.com/journal	64

	sclerosis) 的安全性 与 疗效	double-blind, randomised, placebo-controlled, phase 3 trial		s/aneur/article/PIIS1474-4422(14) 70049-3/abstract	
25	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 http://brain.oxfordjournals.org/co ntent/early/2014/06/18/brain.awu 132	64
26	突触囊泡再循环 (Synaptic Vesicle Recycling)	Composition of isolated synaptic boutons reveals the amounts of vesicle trafficking proteins	Rizzoli, SO Univ Gottingen, European Neurosci Inst, Cluster Excellence Nanoscale Microscopy & Mol Phy, Med Ctr, Dept Neuro & Sensory Physiol, D-37073 Gottingen, Germany	SCIENCE 344 (6187): 1023-1028 MAY 30 2014 http://science.sciencemag.org/cont ent/344/6187/1023.full	61

27	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 http://www.sciencedirect.com/science/article/pii/S138824571400296X	61
28	一般线性模型的数据排列 (permutation) 方法	Permutation inference for the general linear model	Winkler, AM Univ Oxford, Oxford Ctr Funct MRI Brain, Oxford, England.	NEUROIMAGE 92: 381-397 MAY 15 2014 http://www.sciencedirect.com/science/article/pii/S1053811914000913	60
29	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 http://www.nature.com/nature/journal/vaop/ncurrent/full/nature13294.html	56

30	关于病因不明的栓塞性中风 (Embolic strokes)	Embolic strokes of undetermined source: the case for a new clinical construct	Hart, RG Braley Res Inst, 237 Barton St East, Hamilton, ON L8L 2X2, Canada	LANCET NEUROL 13 (4): 429-438 APR 2014 http://www.sciencedirect.com/science/article/pii/S1474442213703107	55
31	基于团块的阈值化 (Cluster-extent Thresholding)	Cluster-extent based thresholding in fMRI analyses: Pitfalls and recommendations	Wager, TD Univ Colorado, Dept Psychol & Neurosci, 345 UCB, Boulder, CO 80309 USA.	NEUROIMAGE 91: 412-419 MAY 1 2014 http://www.sciencedirect.com/science/article/pii/S1053811914000020	53
32	一个新的用来描述个体老龄化过程中常见脑病理改变的专有名词——原发性年龄相关Tau蛋白病变 (primary age-related	Primary age-related tauopathy (PART): a common pathology associated with human aging	Crary, JF Columbia Univ, Med Ctr, Dept Pathol & Cell Biol, New York, NY 10032 USA.	ACTA NEUROPATHOL 128 (6): 755-766 DEC 2014 http://link.springer.com/article/10.1007/s00401-014-1349-0/fulltext	53

	tauopathy, PART)			<u>html</u>	
33	综述: 中脑多巴胺神经元	Reward and aversion in a heterogeneous midbrain dopamine system	Malenka, RC Stanford Univ, Sch Med, Dept Psychiat & Behav Sci, 265 Campus Dr, Room G1021, Stanford, CA 94305 USA	NEUROPHARMACOLOGY 76: 351-359 PART B SP. ISS. SI JAN 2014 http://www.sciencedirect.com/science/article/pii/S002839081300115	51
34	fMRI 数据自动降噪	Automatic denoising of functional MRI data: Combining independent component analysis and hierarchical fusion of classifiers	Salimi-Khorshidi, G Univ Oxford, Ctr Funct MRI Brain FMRIB, Oxford, England	NEUROIMAGE 90: 449-468 APR 15 2014 http://www.sciencedirect.com/science/article/pii/S105381191301195	51
35	候选基因与环境的交互作用	Gene x Environment Interaction Studies Have Not Properly Controlled for Potential Confounders: The	Keller, MC Univ Colorado, Dept Psychol & Neurosci, 1480 30th	BIOL PSYCHIAT 75 (1): 18-24 JAN 1 2014 http://www.biologicalpsychiatryjo	50

		Problem and the (Simple) Solution	St,Muenzinger Hall,345 UCB, Boulder, CO 80309 USA	urnal.com/article/S0006-3223(13) 00825-1/fulltext	
36	电脑芯片可模仿人脑的特征	A million spiking-neuron integrated circuit with a scalable communication network and interface	Modha, DS IBM Res Almaden, 650 Harry Rd, San Jose, CA 95120 USA	SCIENCE 345 (6197): 668-673 AUG 8 2014 http://science.sciencemag.org/content/345/6197/668	49
37	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 http://www.nature.com/nature/journal/v509/n7501/full/nature13258.html	48
38	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 http://onlinelibrary.wiley.com/doi/10.1111/epi.12631/abstract	48

39	不宁腿综合征 (Restless legs Syndrome, RLS) /威利斯埃克波姆症(Willis Ekbohm Disease)	Restless legs syndrome/Willis-Ekbohm disease diagnostic criteria: updated International Restless Legs Syndrome Study Group (IRLSSG) consensus criteria - history, rationale, description, and significance	Picchiotti, DL Univ Illinois, Sch Med, 602 W Univ Ave, Urbana, IL 61801 USA.	SLEEP MED 15 (8): 860-873 AUG 2014 http://www.sciencedirect.com/science/article/pii/S1389945714001907	46
40	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胞类型	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, S-17177 Stockholm, Sweden	SCIENCE 347 (6226): 1138-1142 MAR 6 2015 http://www.sciencemag.org/content/347/6226/1138.abstract	45
41	综述: 应激、5-羟色胺系统和海马神经发生(Hippocampal Neurogenesis)与抑郁的关系	Stress, serotonin, and hippocampal neurogenesis in relation to depression and antidepressant effects	Mahar, I Douglas Inst, 6875 LaSalle Blvd,FBC F-2112, Verdun, PQ H4H IR3, Canada	NEUROSCI BIOBEHAV REV 38: 173-192 JAN 2014 http://www.sciencedirect.com/science/article/pii/S0149763413002972	45

42	中风的病因预防 (Primary Prevention)	Guidelines for the Primary Prevention of Stroke A Statement for Healthcare Professionals From the American Heart Association/American Stroke Association The American Academy of Neurology affirms the value of these guidelines as an educational tool for neurologists	Amer Heart Assoc Stroke Council ; Council Cardiovasc Stroke Nursing ; Council Clinical Cardiology ; Council Functional Genomics Transl ; Council Hypertension	STROKE 45 (12): 3754-+ DEC 2014 http://stroke.ahajournals.org/content/early/2014/10/28/STR.0000000000000046.full.pdf+html	45
43	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 http://www.sciencedirect.com/science/article/pii/S1474442214700419	43
44	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	LANCET NEUROL 14 (4): 388-405 APR 2015	42

			Hosp Bonn, D-53127 Bonn, Germany	http://www.sciencedirect.com/science/article/pii/S1474442215700165	
45	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)	Neural network of cognitive emotion regulation - An ALE meta-analysis and MACM analysis	Kohn, N Rhein Westfal TH Aachen, Dept Psychiat Psychotherapy & Psychosomat Med, Pauwelsstr 30, D-52074 Aachen, Germany	NEUROIMAGE 87: 345-355 FEB 15 2014 http://www.sciencedirect.com/science/article/pii/S105381191301090 2	42
46	非侵入性刺激背外侧前额叶对工作记忆的影响: 元分析	Working memory improvement with non-invasive brain stimulation of the dorsolateral prefrontal cortex: A systematic review and meta-analysis	Brunoni, AR Univ Hosp, Ctr Interdisciplinar Neuromdoulacao Aplicada, Av Prof Lineu Prestes 2565, BR-05508000 Butanta, Brazil	BRAIN COGNITION 86: 1-9 APR 2014 http://www.sciencedirect.com/science/article/pii/S0278262614000104 04	42

47	综述：静息态 fMRI 的重测信度 (test-retest reliability) 分析	Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: A systems neuroscience perspective	Zuo, XN Chinese Acad Sci, Inst Psychol, Key Lab Behav Sci, Beijing 100101, Peoples R China	NEUROSCI BIOBEHAV REV 45: 100-118 SEP 20 http://www.sciencedirect.com/science/article/pii/S0149763414001262	40
48	神经胶质瘤 (Gliomas)	A neurocentric perspective on glioma invasion	Sontheimer, H Univ Alabama Birmingham, Ctr Glial Biol Med, Dept Neurobiol, 1719 6th Ave South, C1RC 425, Birmingham, AL 35294 USA.	NAT REV NEUROSCI 15 (7): 455-465 JUL 2014 http://www.nature.com/nrn/journal/v15/n7/full/nrn3765.html	38
49	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 http://www.nature.com/neuro/journal/v18/n1/full/nn.3881.html	37
50	综述：PINK1、Parkin 与线粒体	The Roles of PINK1, Parkin, and	Youle, RJ	NEURON 85 (2): 257-273 JAN	37

	在帕金森氏病中的作用	Mitochondrial Fidelity in Parkinson's Disease	NINDS, Biochem Sect, Surg Neurol Branch, NIH, Bethesda, MD 20892 USA	21 2015 http://www.sciencedirect.com/science/article/pii/S0896627314010885	
51	综述: 海马纵轴的功能架构	Functional organization of the hippocampal longitudinal axis	Strange, BA Tech Univ Madrid, Ctr Biomed Technol, Lab Clin Neurosci, Campus Montegancedo, Pozuelo De Alarcon 28223, Spain	NAT REV NEUROSCI 15 (10): 655-669 OCT 2014 http://www.nature.com/nrn/journal/v15/n10/full/nrn3785.html?WT.ec_id=NRN-201410	35
52	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 http://onlinelibrary.wiley.com/doi/10.1002/ana.24286/full	35
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55	发声学习(Vocal Learning)的专门化 (Specialization)	Convergent transcriptional specializations in the brains of humans and song-learning birds	Pfenning, AR Duke Univ, Med Ctr, Howard Hughes Med Inst, Dept Neurobiol, Durham, NC 27710 USA	SCIENCE 346 (6215): 1333-+ DEC 12 2014 http://science.sciencemag.org/content/346/6215/1256846.full	33
56	杜氏肌营养不良 (Duchenne Muscular Dystrophy)	Safety and efficacy of drisapersen for the treatment of Duchenne muscular dystrophy (DEMAND II): an	Voit, T Univ Paris 06, GH Pitie Salpetriere, Inst Myol, INSERM	LANCET NEUROL 13 (10): 987-996 OCT 20 http://www.sciencedirect.com/scie	30

		exploratory, randomised, placebo-controlled phase 2 study	UMR 974,CNRS FRE 3617, Paris, France.	nce/article/pii/S14744422147019 54	
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61	髓鞘参与新运动技能 (Motor Skill) 的学习	Motor skill learning requires active central myelination	Richardson, WD UCL, Wolfson Inst Biomed Res, Gower St, London WC1E 6BT, England	SCIENCE 346 (6207): 318-322 OCT 17 2014 http://science.sciencemag.org/content/346/6207/318.long	24
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64	抗 N-甲基-D-天门冬氨酸受体（N-methyl-D-aspartate receptor, NMDAR）脑炎	Human N-methyl D-aspartate receptor antibodies alter memory and behaviour in mice	Dalmau, J Univ Barcelona, Dept Neurol, IDIBAPS Hosp Clin, C Villarroel 170, E-08036 Barcelona, Spain.	BRAIN 138: 94-109 PART 1 JAN 1 2015 http://www.neuroimmunologybcn.org/media/upload/pdf/2dalmau_human_n-methyl_d-aspartate_editor_86_3_1.pdf	20
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67	随着精神疾病的恶化，皮层厚度进行性变薄：一个多点（multisite）纵向神经影像研究	Progressive Reduction in Cortical Thickness as Psychosis Develops: A Multisite Longitudinal Neuroimaging Study of Youth at Elevated Clinical Risk	Cannon, TD Yale Univ, Dept Psychol, 2 Hillhouse Ave, POB 208205, New Haven, CT 06520 USA.	BIOL PSYCHIAT 77 (2): 147-157 JAN 15 2015 http://www.sciencedirect.com/science/article/pii/S0006322314004144	18
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