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 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 2014 年 4 月至 2016 年 4 月发表的文章中，在 2016 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 2016 年 9 月 22 日。

本期发布神经科学与行为领域热点文章 105 篇，其中首次入榜文章 57 篇。单篇最高被引 318 次，最低被引 4 次。被引 318 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 57 篇中单篇最高被引 48 次的是乔治亚摄政大学（Georgia Regents University）的 Lin Mei 等人发表在 *Neuron* 上的一篇综述，标题为“Neuregulin-ERBB Signaling in the Nervous System and Neuropsychiatric Diseases”，关于神经调节蛋白（Neuregulins）及其受体间的信号传导在神经系统和神经精神疾病中的作用。

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：

55：肠道菌群失调与神经系统功能障碍之间的关系；

59：特约综述——肥胖、脂肪因子（Adipokines）与神经性炎症；

65：利用静息态功能连接（Resting-State Functional Connectivity，RSFC）推定不同脑区的分界；

67：父代应激（Paternal Stress）的代际传递；

70：轴突-神经胶质（Axo- Glial）接头在神经系统发育、可塑性和病理中的作用：

81：费城神经发育队列研究（Philadelphia Neurodevelopmental Cohort）——可公开获取的研究正常和异常状态下脑发育的资源；

86：PET 可以用于监测阿尔茨海默症中 tau 蛋白病理学恶化，以及老年人临床症状的出现；

91：植物人状态下的意向运动（Intentional Movement）；

93：在大脑对某一运动发出启动信号后，个体依然可以实施“否决”以终止该运动。。

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 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	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	318
2	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	200
3	美国脑肿瘤注册中心（Central	CBTRUS Statistical Report: Primary	Ostrom, QT	NEURO-ONCOLOGY 16: 1-63	156

	Brain Tumor Registry of the United States，CBTRUS）统计报告	Brain and Central Nervous System Tumors Diagnosed in the United States in 2007-2011	Case Western Reserve Univ, Sch Med, Case Comprehens Canc Ctr, Cleveland, OH 44106 USA.	SUPPL. 4 OCT 2014 http://neuro-oncology.oxfordjournals.org/content/16/suppl_4/iv1.full	
4	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 http://www.sciencedirect.com/science/article/pii/S147444221470136X	146
5	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 http://www.sciencedirect.com/science/article/pii/S147444221570	133

				0165	
6	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	120
7	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	119
8	多发性硬化症临床病程的定义	Defining the clinical course of multiple	Lublin, FD	NEUROLOGY 83 (3): 278-286	112

	（2013 修订版）	sclerosis The 2013 revisions	Icahn Sch Med Mt Sinai, Corinne Goldsmith Dickenson Ctr Multiple Sclerosi, New York, NY 10029 USA.	JUL 15 2014 http://www.ncbi.nlm.nih.gov/pubmed/24871874	
9	神经系统肿瘤分类与评级指导方针	International Society of Neuropathology-Haarlem Consensus Guidelines for Nervous System Tumor Classification and Grading	Louis, DN Massachusetts Gen Hosp, Pathol Serv, WRN225,55 Fruit St, Boston, MA 02114 USA	BRAIN PATHOL 24 (5): 429-435 SEP 2014 http://onlinelibrary.wiley.com/doi/10.1111/bpa.12171/full	107
10	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	107

11	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 http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(14)70251-0/fulltext	102
12	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	99

13	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 tauopathy，PART）	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.html	98
14	一个源于人类神经干细胞的阿尔茨海默症培养模型	A three-dimensional human neural cell culture model of Alzheimer's disease	Kim, DY Harvard Univ, Massachusetts Gen Hosp, MassGeneral Inst Neurodegenerat Dis, Genet & Aging Res Unit,Med Sch, Charlestown, MA 02129 USA.	NATURE 515 (7526): 274-U293 NOV 13 2014 http://www.nature.com/nature/journal/v515/n7526/full/nature13800.html	97
15	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	——	STROKE 45 (12): 3754-+ DEC 2014 http://stroke.ahajournals.org/con	90

		Association/American Stroke Association The American Academy of Neurology affirms the value of these guidelines as an educational tool for neurologists		tent/early/2014/10/28/STR.0000000000000046.full.pdf+html	
16	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 http://www.sciencedirect.com/science/article/pii/S0896627314011416	84
17	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	82

18	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	79
19	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 http://www.sciencedirect.com/science/article/pii/S0896627314004000	78
20	美国心脏协会（AMERICAN HEART ASSOCIATION）/美国	Guidelines for the Management of Spontaneous Intracerebral Hemorrhage	Hemphill, JC Univ Calif San Francisco, San	STROKE 46 (7): 2032-2060 JUL 2015	73

	中风协会(American Stroke Association)：自发性脑出血(spontaneous intracerebral hemorrhage)诊断与治疗的指导方针	A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association	Francisco, CA 94143 USA.	http://stroke.ahajournals.org/content/46/7/2032.full	
21	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 http://www.nature.com/nrn/journal/v16/n6/full/nrn3880.html	70
22	突显网络（Salience Network)与神经精神障碍	Salience processing and insular cortical function and dysfunction	Uddin, LQ Univ Miami, Dept Psychol, POB 248185-0751, Coral Gables, FL 33124 USA.	NAT REV NEUROSCI 16 (1): 55-61 JAN 2015 http://www.nature.com/nrn/journal/v16/n1/full/nrn3857.html	69

23	杏仁核：从解剖连接到行为功能	From circuits to behaviour in the amygdala	Janak, PH Johns Hopkins Univ, Dept Psychol & Brain Sci, Baltimore, MD 21218 USA.	NATURE 517 (7534): 284-292 JAN 15 2015 http://www.nature.com/nature/journal/v517/n7534/full/nature14188.html	67
24	肌萎缩性侧索硬化症（Amyotrophic Lateral Sclerosis，ALS）	Exome sequencing in amyotrophic lateral sclerosis identifies risk genes and pathways	Harris, T Biogen Inc, 14 Cambridge Ctr, Cambridge, MA 02142 USA	SCIENCE 347 (6229): 1436-1441 MAR 27 2015 http://science.sciencemag.org/content/347/6229/1436	66

25	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 http://www.neurology.org/content/85/2/177.abstract	64
26	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	63
27	美国心脏协会（American Heart Association，AHA）/美国卒中协会（American Stroke Association，ASA）于 2015 年	2015 American Heart Association/American Stroke Association Focused Update of the 2013 Guidelines for the Early		STROKE 46 (10): 3020-3035 OCT 2015 http://stroke.ahajournals.org/content/46/10/3020.short?ssource=	62

	更新 2013 版急性缺血性卒中早期管理指导方针	Management of Patients With Acute Ischemic Stroke Regarding Endovascular Treatment A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association		mfr	
28	基底神经节的直接和间接通路	Direct and indirect pathways of basal ganglia: a critical reappraisal	Calabresi, P Univ Perugia, Osped Santa Maria della Misericordia, Dipartimento Med, Neurol Clin, I-06100 Perugia, Italy.	NAT NEUROSCI 17 (8): 1022-1030 AUG 2014 http://www.nature.com/neuro/journal/v17/n8/full/nn.3743.html	62
29	人脑中的基因表达	Genetic variability in the regulation of gene expression in ten regions of the human brain	Ryten, M Guys Hosp, Kings Coll London, Dept Med & Mol Genet, London SE1 9RT, England.	NAT NEUROSCI 17 (10): 1418-1428 OCT 2014 http://www.nature.com/neuro/journal/v17/n10/full/nn.3801.html	60

30	综述：神经系统疾病的脑网络架构	Modern network science of neurological disorders	Stam, CJ Vrije Univ Amsterdam, Med Ctr, MEG Ctr, Dept Neurol & Clin Neurophysiol, Boelelaan 1118, NL-1081 HV Amsterdam, Netherlands	NAT REV NEUROSCI 15 (10): 683-695 OCT 2014 http://www.nature.com/nrn/journal/v15/n10/full/nrn3801.html	60
31	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	60
32	综述：正常和异常脑功能状态中多聚不饱和脂肪酸（polyunsaturated fatty acid）及其代谢	Polyunsaturated fatty acids and their metabolites in brain function and disease	Bazinet, RP Univ Toronto, Dept Nutr Sci, Toronto, ON M5S 3E2, Canada	NAT REV NEUROSCI 15 (12): 771-785 DEC 2014 http://www.nature.com/nrn/journal/v15/n12/abs/nrn3820.html	59

33	人类精神分裂症 iPS（诱导多能干细胞）中存在 DISC1 基因突变导致的突触传递受损	Synaptic dysregulation in a human iPS cell model of mental disorders	Ming, GL Johns Hopkins Univ, Sch Med, Inst Cell Engn, Baltimore, MD 21205 USA.	NATURE 515 (7527): 414-+ NOV 20 2014 http://www.nature.com/nature/journal/v515/n7527/full/nature13716.html	58
34	进展型多发性硬化症（progressive multiple sclerosis）的病理机制	Progressive multiple sclerosis 1 Pathological mechanisms in progressive multiple sclerosis	Lassmann, H Med Univ Vienna, Ctr Brain Res, Spitalgasse 4, A-1090 Vienna, Austria.	LANCET NEUROL 14 (2): 183-193 FEB 2015 http://www.sciencedirect.com/science/article/pii/S147444221470256X	56

35	肠道微生物与脑	Gut Microbes and the Brain: Paradigm Shift in Neuroscience	Mayer, EA Univ Calif Los Angeles, CHS 42-210,MC737818,10833 Le Conte Ave, Los Angeles, CA 90095 USA	J NEUROSCI 34 (46): 15490-15496 NOV 12 2014 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4228144/	55
36	综述：阿尔茨海默症高危基因与发病机制	Alzheimer's Disease Risk Genes and Mechanisms of Disease Pathogenesis	Goate, AM Washington Univ, Sch Med, Dept Psychiat, 425 S Euclid Ave,Campus Box 8134, St Louis, MO 63110 USA.	BIOL PSYCHIAT 77 (1): 43-51 JAN 1 2015 http://www.sciencedirect.com/science/article/pii/S0006322314003394	53
37	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	NAT NEUROSCI 18 (7): 965-+ JUL 2015 http://www.nature.com/neuro/jo	52

			Freiburg, Germany.	urnal/v18/n7/abs/nn.4030.html	
38	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 procedures for routine clinical and research application. An updated report from an IFCN Committee	Di Iorio, R Univ Cattolica Sacro Cuore, Dept Geriatr Neurosci & Orthoped, Policlin A Gemelli, Inst Neurol, Lgo A Gemelli 8, I-00168 Rome, Italy.	CLIN NEUROPHYSIOL 126 (6): 1071-1107 JUN 2015 http://www.sciencedirect.com/science/article/pii/S1388245715000711	50
39	一种叫做 TBK1 的特异性酶在肌萎缩性脊髓侧索硬化症和额颞叶型痴呆中更为频繁地突变	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia	Weishaupt, JH Univ Ulm, Dept Neurol, D-89069 Ulm, Germany.	NAT NEUROSCI 18 (5): 631-+ MAY 2015 http://www.nature.com/neuro/journal/v18/n5/full/nn.4000.html	49

40	综述：5-羟色胺、色氨酸代谢与脑-肠-微生物组（Microbiome）轴	Serotonin, tryptophan metabolism and the brain-gut-microbiome axis	Clarke, G Natl Univ Ireland Univ Coll Cork, Biosci Inst, Off 1-15, Cork, Ireland.	BEHAV BRAIN RES 277: 32-48 SP. ISS. SI JAN 15 2015 http://www.sciencedirect.com/science/article/pii/S0166432814004768	48
41	综述：神经调节蛋白（Neuregulins）及其受体间的信号传导在神经系统和神经精神疾病中的作用	Neuregulin-ERBB Signaling in the Nervous System and Neuropsychiatric Diseases	Mei, L Georgia Regents Univ, Med Coll Georgia, Dept Neurosci & Regenerat Med, Augusta, GA 30912 USA	NEURON 83 (1): 27-49 JUL 2 2014 http://www.sciencedirect.com/science/article/pii/S0896627314004978	48
42	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	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/S0006322314000	47

		Risk		4144	
43	抗 NMDA 受体脑炎（Anti-NMDA Receptor Encephalitis）	Acute Mechanisms Underlying Antibody Effects in Anti-N-Methyl-D-Aspartate Receptor Encephalitis	Balice-Gordon, RJ Univ Penn, Perelman Sch Med, Dept Neurosci, 165 Johnson Pavil, Philadelphia, PA 19104 USA.	ANN NEUROL 76 (1): 108-119 JUL 2014 http://onlinelibrary.wiley.com/doi/10.1002/ana.24195/abstract;jsessionid=35B19AF5EAD0803D848915F314E67742.f03t04	43
44	综述：恐惧与焦虑的神经环路	Neuronal circuits for fear and anxiety	Luthi, A Friedrich Miescher Inst Biomed Res, Maulbeerstr 66, CH-4058 Basel, Switzerland	NAT REV NEUROSCI 16 (6): 317-331 JUN 2015 http://www.nature.com/nrn/journal/v16/n6/full/nrn3945.html	41
45	可卡因成瘾	Bidirectional Modulation of Incubation of Cocaine Craving by Silent Synapse-	Huang, YHH Univ Pittsburgh, Dept Psychiat,	NEURON 83 (6): 1453-1467 SEP 17 2014	41

		Based Remodeling of Prefrontal Cortex to Accumbens Projections	3811 Ohara St, Pittsburgh, PA 15260 USA.	http://www.sciencedirect.com/science/article/pii/S0896627314007247	
46	一个人类特有基因——ARHGAP11B，与基底脑干细胞再生、触发大脑皮层折叠相关	Human-specific gene ARHGAP11B promotes basal progenitor amplification and neocortex expansion	Huttner, WB Max Planck Inst Mol Cell Biol & Genet MPI CBG, Pfotenhauerstr 108, D-01307 Dresden, Germany.	SCIENCE 347 (6229): 1465-1470 MAR 27 2015 http://science.sciencemag.org/content/347/6229/1465.abstract	38
47	脊髓损伤后轴突再生	Systemic administration of epothilone B promotes axon regeneration after spinal cord injury	Bradke, F German Ctr Neurodegenerat Dis, Axonal Growth & Regenerat, Ludwig Erhard Allee 2, D-53175 Bonn, Germany.	SCIENCE 348 (6232): 347-352 APR 17 2015 http://science.sciencemag.org/content/348/6232/347	37
48	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,	NATURE 520 (7549): 675-U208 APR 30 2015	36

			Picower Inst Learning & Memory, E25-618, Cambridge, MA 02139 USA	http://www.nature.com/nature/journal/v520/n7549/full/nature14366.html	
49	颅内动脉瘤（Intracranial Aneurysm）	International Retrospective Study of the Pipeline Embolization Device: A Multicenter Aneurysm Treatment Study	Kallmes, DF Mayo Clin, 200 First St SW,OL1-112 SMH, Rochester, MN 55905 USA.	AMER J NEURORADIOL 36 (1): 108-115 JAN 2015 http://intl.ajnr.org/content/36/1/108.full	35
50	利用转基因小鼠研究神经环路	Transgenic Mice for Intersectional Targeting of Neural Sensors and Effectors with High Specificity and Performance	Zeng, HK Allen Inst Brain Sci, 551 N 34th St, Seattle, WA 98103 USA.	NEURON 85 (5): 942-958 MAR 4 2015 http://www.sciencedirect.com/science/article/pii/S0896627315001373	34

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52	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 http://www.nature.com/neuro/journal/v18/n8/full/nn.4053.html	31
53	综述：炎症和小胶质细胞活化（Microglial Activation）在精神疾病中的作用	The Role of Inflammation and Microglial Activation in the Pathophysiology of Psychiatric Disorders	Reus, GZ Univ Texas Houston, Sch Med, Ctr Expt Models Psychiat, Dept Psychiat & Behav Sci, Houston,	NEUROSCIENCE 300: 141-154 AUG 6 2015 http://www.sciencedirect.com/science/article/pii/S0306452215001500	29

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55	肠道菌群失调与神经系统功能障碍之间的关系	Obese-type Gut Microbiota Induce Neurobehavioral Changes in the Absence of Obesity	Bruce-Keller, AJ Louisiana State Univ, Pennington Biomed Res Ctr, Inflammat & Neurodegenerat Lab, 6400 Perkins Rd, Baton Rouge, LA 70803 USA.	BIOL PSYCHIAT 77 (7): 607-615 APR 1 2015 http://www.sciencedirect.com/science/article/pii/S0006322314005204	25
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58	突触囊泡释放调节髓鞘数量	Synaptic vesicle release regulates myelin sheath number of individual oligodendrocytes in vivo	Lyons, DA Univ Edinburgh, Euan MacDonald Ctr Motor Neurone Dis Res, Ctr Multiple Sclerosis Res, Ctr Neuroregenerat, Edinburgh, Midlothian, Scotland.	NAT NEUROSCI 18 (5): 628-+ MAY 2015 http://www.nature.com/neuro/journal/v18/n5/full/nn.3991.html	23
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81	费城神经发育队列研究（Philadelphia Neurodevelopmental Cohort）——可公开获取的研究正常和异常状态下脑发育的资源	The Philadelphia Neurodevelopmental Cohort: A publicly available resource for the study of normal and abnormal brain development in youth	Satterthwaite, TD Hosp Univ Penn, Brain Behav Lab, 10th Floor,Gates Bldg, Philadelphia, PA 19104 USA.	NEUROIMAGE 124: 1115-1119 PART B SP. ISS. SI JAN 1 2016 http://www.sciencedirect.com/science/article/pii/S1053811915002529	6
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88	质子泵抑制剂（Proton Pump Inhibitor）与痴呆发作风险	Association of Proton Pump Inhibitors With Risk of Dementia A Pharmacoepidemiological Claims Data Analysis	Haenisch, B Fed Inst Drugs & Med Devices, German Ctr Neurodegenerat Dis, Kurt Georg Kiesinger Allee 3, D-53175 Bonn, Germany	JAMA NEUROL 73 (4): 410-416 APR 2016 http://jamanetwork.com/journals/jamaneurology/article-abstract/2487379	6
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96	视皮层 V4 区	Two distinct types of remapping in primate cortical area V4	Neupane, S McGill Univ, Montreal Neurol Inst, Dept Neurol & Neurosurg, 3801 Univ St,896, Montreal, PQ H2A 2B4, Canada.	NAT COMMUN 7: - FEB 2016 https://www.ncbi.nlm.nih.gov/pubmed/26832423	4
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		neuron disease in SODG93A mice co-expressing the Copper-Chaperone-for-SOD	Biochem & Biophys, Linus Pauling Inst, Corvallis, OR 97331 USA.	http://www.sciencedirect.com/science/article/pii/S0969996116300201	
99	老年个体大脑中 tau 蛋白沉积的 PET 成像	PET Imaging of Tau Deposition in the Aging Human Brain	Jagust, WJ Univ Calif Berkeley, Helen Wills Neurosci Inst, Berkeley, CA 94720 USA.	NEURON 89 (5): 971-982 MAR 2 2016 http://www.sciencedirect.com/science/article/pii/S0896627316000532	4
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101	特约综述：癫痫的腺苷能信号	Adenosinergic signaling in epilepsy	Boison, D	NEUROPHARMACOLOGY	4

	传导		Legacy Res Inst, Robert Stone Dow Neurobiol Labs, Portland, OR 97232 USA.	104: 131-139 SP. ISS. SI MAY 2016 http://www.sciencedirect.com/science/article/pii/S0028390815300915	
102	听觉辨别（Auditory Discrimination）任务中的事件相关震荡（Event-Related Oscillations，ERO）	Event-related oscillations (ERO) during an active discrimination task: Effects of lesions of the nucleus basalis magnocellularis	Ehlers, CL Scripps Res Inst, Mol & Cellular Neurosci, 10550 North Torrey Pines Rd,SP30-1501, La Jolla, CA 92037 USA.	INT J PSYCHOPHYSIOL 103: 53-61 SP. ISS. SI MAY 2016 http://www.sciencedirect.com/science/article/pii/S0167876015000409	4
103	综述：从神经药理学角度理解精神分裂症对大脑神经元震荡的影响	Neuropharmacology of altered brain oscillations in schizophrenia	Koch, M Univ Bremen, Brain Res Inst, Dept Neuropharmacol, Hsch Ring 18, D-28359 Bremen, Germany.	INT J PSYCHOPHYSIOL 103: 62-68 SP. ISS. SI MAY 2016 http://www.sciencedirect.com/science/article/pii/S0167876015000446	4

104	综述：精神分裂症、阿尔茨海默症和双相障碍等三种疾病中神经系统震荡的改变	What does the broken brain say to the neuroscientist? Oscillations and connectivity in schizophrenia, Alzheimer's disease, and bipolar disorder	Basar, E Istanbul Kultur Univ, Brain Dynam Cognit & Complex Syst Res Ctr, Istanbul, Turkey.	INT J PSYCHOPHYSIOL 103: 135-148 SP. ISS. SI MAY 2016 http://www.sciencedirect.com/science/article/pii/S0167876015000343	4
105	综述：神经元群（Neural Population）	The brain as a working syncytium and memory as a continuum in a hyper timespace: Oscillations lead to a new model	Basar, E Istanbul Kultur Univ, Brain Dynam Cognit & Complex Syst Res Ctr, Istanbul, Turkey.	INT J PSYCHOPHYSIOL 103: 199-214 SP. ISS. SI MAY 2016 http://www.sciencedirect.com/science/article/pii/S0167876015000501	4