

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 11 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 6 月至 2016 年 6 月发表的文章中, 在 2016 年 7 月和 8 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 11 月 10 日。

本期发布神经科学与行为领域热点文章 86 篇, 其中首次入榜文章 43 篇。单篇最高被引 231 次, 最低被引 4 次。被引 231 次的文章由哥伦比亚大学 (Columbia University) 的 Ye Zhang 等人发表在 *The Journal of Neuroscience* 上, 标题为 “An RNA-sequencing transcriptome and splicing database of glia, neurons, and vascular cells of the cerebral cortex”, 阐述了中枢神经系统的细胞分类。首次入榜的 43 篇中单篇最高被引 82 次的是加拿大卡尔加里大学 (University of Calgary) 的 Tamara Pringsheim 等人发表在 *Movement Disorders* 上的一篇综述, 标题为 “The prevalence of Parkinsons disease: A systematic review and meta-analysis”, 是一篇关于帕金森氏病的流行病学调查的综述与元分析。

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:

- 21: 阿尔茨海默症的遗传学风险因素及病理机制;
- 29: 静息态 fMRI 运动校正 (Motion Correction) 的最新进展;
- 46: 大脑内的 “愉悦系统” (Pleasure System);
- 55: 果蝇 (*Drosophila*) 幼虫的一个多感觉回路;
- 56: 肥胖污名 (Weight Stigma);
- 58: 阿尔茨海默症协会 (Alzheimer's Association) 2015 年报告;
- 63: 从小神经胶质细胞病变角度讨论抑郁;
- 65: 研究人员绘制高分辨率成年小鼠大脑皮层神经图谱并发现多种新型神经元;
- 68: 神经回路调控的急性脱靶效应;
- 70: Explaining Pain (EP, 一种教育性干预手段, 通过改变个体对疼痛的理解从而减轻疼痛体验) 的过去、现在与未来;
- 73: 阿尔茨海默氏症早期突触丧失机制;

75: 斑马鱼作为惊反射 (Startle Response) 适应的模式生物;

80: 世界卫生组织: 中枢神经系统肿瘤分类说明 (2016 版)。

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 11 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	第一作者及其单位	出处及原文或摘要链接	单篇被引
1	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 COLUMBIA UNIV	J NEUROSCI 34 (36): 11929-11947 SEP 3 2014 http://www.jneurosci.org/content/34/36/11929.short	231
2	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	NEURO-ONCOLOGY 16: 1-63 SUPPL. 4 OCT 2014 http://neuro-oncology.oxfordjournals.org/content/16/suppl_4/iv1.full	177
3	综述：阿尔茨海默症中的神经	Neuroinflammation in Alzheimers	HENEKA, MT	LANCET NEUROL 14 (4):	170

	炎症	disease	UNIV BONN	388-405 APR 2015 http://www.sciencedirect.com/science/article/pii/S1474442215700165	
4	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 AHEPA UNIV HOSP	CLIN NEUROPHYSIOL 125 (11): 2150-2206 NOV 2014 http://www.sciencedirect.com/science/article/pii/S138824571400296X	138
5	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	ZEISEL, A KAROLINSKA INST	SCIENCE 347 (6226): 1138-1142 MAR 6 2015 http://www.sciencemag.org/content/347/6226/1138.abstract	137

6	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	FINNERUP, NB AARHUS UNIV	LANCET NEUROL 14 (2): 162-173 FEB 2015 http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(14)70251-0/fulltext	130
7	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	CEREB CORTEX 24 (11): 2981-2990 NOV 2014 http://cercor.oxfordjournals.org/content/24/11/2981	118
8	中风的病因预防 (Primary Prevention)	Guidelines for the primary prevention of stroke a statement for healthcare	MESCHIA, JF	STROKE 45 (12): 3754-+ DEC 2014	107

		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		http://stroke.ahajournals.org/content/early/2014/10/28/STR.00000000000046.full.pdf+html	
9	综述：海马纵轴的功能架构	Functional organization of the hippocampal longitudinal axis	STRANGE, BA ALLEN INST BRAIN SCI	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	92
10	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 UNIV ZURICH	NAT REV NEUROSCI 16 (6): 358-372 JUN 2015 http://www.nature.com/nrn/journal/v16/n6/full/nrn3880.html	88

11	综述: PINK1、Parki 及线粒体功能在帕金森氏病中的作用	The roles of PINK1, parkin, and mitochondrial fidelity in Parkinsons disease	PICKRELL, AM NATL INST HLTH (NIH)	NEURON 85 (2): 257-273 JAN 21 2015 http://www.sciencedirect.com/science/article/pii/S0896627314010885	86
12	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 hemorrhage)诊断与治疗的指导	Guidelines for the management of spontaneous intracerebral hemorrhage a guideline for healthcare professionals from the American Heart Association/American Stroke Association	HEMPHILL, JC HARVARD UNIV	STROKE 46 (7): 2032-2060 JUL 2015 http://stroke.ahajournals.org/content/46/7/2032.full	85

	方针				
13	美国心脏协会 (American Heart Association, AHA) /美国卒中协会 (American Stroke Association, ASA) 于 2015 年更新 2013 版急性缺血性卒中早期管理指导方针	2015 American Heart Association/American Stroke Association focused update of the 2013 guidelines for the early management of patients with acute ischemic stroke regarding endovascular treatment a guideline for healthcare professionals from the American Heart Association/American Stroke Association	POWERS, WJ	STROKE 46 (10): 3020-3035 OCT 2015 http://stroke.ahajournals.org/content/46/10/3020.short?source=mfr	83
14	帕金森氏病的流行病学调查: 综述与元分析	The prevalence of Parkinsons disease: A systematic review and meta-analysis	PRINGSHEIM, T UNIV CALGARY	MOVEMENT DISORD 29 (13): 1583-1590 NOV 2014 http://onlinelibrary.wiley.com/doi/10.1002/mds.25945/full	82
15	C9orf72 重复扩增产生富含精氨	C9orf72 repeat expansions cause	MIZIELINSKA, S	SCIENCE 345 (6201): 1192-	82

	酸的毒性蛋白进而引发神经退行性疾病	neurodegeneration in <i>Drosophila</i> through arginine-rich proteins	MAX PLANCK SOCIETY	1194 SEP 5 2014 http://www.sciencemag.org/content/345/6201/1192.abstract	
16	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 CHILDRENS HOSP PHILADELPHIA	NEUROLOGY 85 (2): 177-189 JUL 14 2015 http://www.neurology.org/content/85/2/177.abstract	79
17	肌萎缩性侧索硬化症（Amyotrophic Lateral Sclerosis, ALS）	Exome sequencing in amyotrophic lateral sclerosis identifies risk genes and pathways	CIRULLI, ET DUKE UNIV	SCIENCE 347 (6229): 1436-1441 MAR 27 2015 http://science.sciencemag.org/content/347/6229/1436	76

18	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	NAT REV NEUROSCI 15 (12): 771-785 DEC 2014 http://www.nature.com/nrn/journal/v15/n12/abs/nrn3820.html	75
19	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	PLAVINA, T BIOGEN IDEC;	ANN NEUROL 76 (6): 802-812 DEC 2014 http://onlinelibrary.wiley.com/doi/10.1002/ana.24286/full	72
20	综述：神经系统疾病的脑网络 架构	Modern network science of neurological disorders	STAM, CJ VU UNIV AMSTERDAM	NAT REV NEUROSCI 15 (10): 683-695 OCT 2014 http://www.nature.com/nrn/journal/v15/n10/abs/nrn3820.html	71

				nal/v15/n10/full/nrn3801.html	
21	综述：阿尔茨海默症的遗传学 风险因素及病理机制	Alzheimers disease risk genes and mechanisms of disease pathogenesis	KARCH, CM WASHINGTON UNIV	BIOL PSYCHIAT 77 (1): 43-51 JAN 1 2015 http://www.sciencedirect.com/science/article/pii/S0006322314003394	70
22	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	ROSSINI, PM UNIV CATTOLICA SACRO CUORE	CLIN NEUROPHYSIOL 126 (6): 1071-1107 JUN 2015 http://www.sciencedirect.com/science/article/pii/S1388245715000711	68

23	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 CALIF DAVIS	NAT REV NEUROSCI 15 (10): 637-654 OCT 2014 http://www.nature.com/nrn/journal/v15/n10/abs/nrn3819.html	67
24	综述：正念冥想的神经科学机制	The neuroscience of mindfulness meditation	TANG, YY HARVARD UNIV	NAT REV NEUROSCI 16 (4): 213-U80 APR 2015 http://www.nature.com/nrn/journal/v16/n4/abs/nrn3916.html	66
25	脊髓损伤（Injured Spinal Cord）	TNF and increased intracellular iron alter macrophage polarization to a detrimental m1 phenotype in the	KRONER, A HANNOVER MED SCH	NEURON 83 (5): 1098-1116 SEP 3 2014 http://www.cell.com/neuron/abst	63

		injured spinal cord		ract/S0896-6273(14)00638-2	
26	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	HU, XM FUDAN UNIV	NAT REV NEUROL 11 (1): 56-64 JAN 2015 http://www.nature.com/nrneurology/journal/v11/n1/full/nrneuro.2014.207.html	62
27	综述: 选择性在体 tau 蛋白成像	Tau imaging: early progress and future directions	VILLEMAGNE, VL AUSTIN RES INST	LANCET NEUROL 14 (1): 114-124 JAN 2015 http://www.sciencedirect.com/science/article/pii/S1474442214702522	62

28	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	ERNY, D HARVARD UNIV	NAT NEUROSCI 18 (7): 965-+ JUL 2015 http://www.nature.com/neuro/journal/v18/n7/abs/nn.4030.html	61
29	综述：静息态 fMRI 运动校正（Motion Correction）的最新进展	Recent progress and outstanding issues in motion correction in resting state fMRI	POWER, JD WASHINGTON UNIV	NEUROIMAGE 105: 536-551 JAN 15 2015 http://www.sciencedirect.com/science/article/pii/S1053811914008702	59
30	综述：紊乱的线粒体动力学与神经退行性病变	Disturbed mitochondrial dynamics and neurodegenerative disorders	BURTE, F BELLARIA HOSP	NAT REV NEUROL 11 (1): 11- 24 JAN 2015 http://www.nature.com/nrneuro/journal/v11/n1/full/nrneuro1.2014.228.html	52

31	综述：脑疾病的神经连接组学 (Connectomics)	The connectomics of brain disorders	FORNITO, A MONASH UNIV	NAT REV NEUROSCI 16 (3): 159-172 MAR 2015 http://www.nature.com/nrn/journal/v16/n3/full/nrn3901.html	51
32	综述：恐惧与焦虑的神经环路	Neuronal circuits for fear and anxiety	TOVOTE, P FRIEDRICH MIESCHER INST BIOMED RES	NAT REV NEUROSCI 16 (6): 317-331 JUN 2015 http://www.nature.com/nrn/journal/v16/n6/full/nrn3945.html	51
33	可卡因成瘾	Bidirectional modulation of incubation of cocaine craving by silent synapse- based remodeling of prefrontal cortex to accumbens projections	MA, YY ALLEN INST BRAIN SCI	NEURON 83 (6): 1453-1467 SEP 17 2014	50

				http://www.sciencedirect.com/science/article/pii/S0896627314007247	
34	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	SORGE, RE DUKE UNIV	NAT NEUROSCI 18 (8): 1081- + AUG 2015 http://www.nature.com/neuro/journal/v18/n8/full/nn.4053.html	46
35	综述：星形胶质细胞（Astrocyte）在中枢神经系统炎症反应和病变中的作用	Astrocyte barriers to neurotoxic inflammation	SOFRONIEW, MV UNIV CALIF LOS ANGELES	NAT REV NEUROSCI 16 (5): 249-263 MAY 2015 http://www.nature.com/nrn/journal/v16/n5/abs/nrn3898.html	44
36	综述：炎症小体	Inflammasomes in neuroinflammation	SINGHAL, G	FRONT NEUROSCI 8: - OCT 7	42

	(Inflammasome) 在神经发炎 (Neuroinflammation) 和脑功能变化中的角色	and changes in brain function: a focused review	UNIV ADELAIDE	2014 https://www.ncbi.nlm.nih.gov/pubmed/25339862	
37	神经刺激治疗部分发作性癫痫 (Partial Onset Seizures)	Long-term treatment with responsive brain stimulation in adults with refractory partial seizures	BERGEY, GK AUGUSTA UNIV	NEUROLOGY 84 (8): 810-817 FEB 24 2015 http://www.neurology.org/content/84/8/810.short	42
38	单个神经细胞水平上的转录组多样性研究	A survey of human brain transcriptome diversity at the single cell level	DARMANIS, S HOWARD HUGHES MED INST	PROC NAT ACAD SCI USA 112 (23): 7285-7290 JUN 9 2015 http://www.pnas.org/content/112/23/7285.full	42
39	自闭症谱系障碍患者静息态功	The idiosyncratic brain: distortion of	HAHAMY, A	NAT NEUROSCI 18 (2): 302-	41

	能连接模式异常	spontaneous connectivity patterns in autism spectrum disorder	CARNEGIE MELLON UNIV	309 FEB 2015 http://www.nature.com/neuro/journal/v18/n2/full/nn.3919.html	
40	淀粉样级联假说 (Amyloid Cascade Hypothesis)	The case for rejecting the amyloid cascade hypothesis	HERRUP, K HONG KONG UNIV SCI & TECHNOL	NAT NEUROSCI 18 (6): 794-799 JUN 2015 http://www.nature.com/neuro/journal/v18/n6/full/nn.4017.html	40
41	综述: 美国各州出台的处方药使用过量 (Prescription Drug Overdose) 相关政策和干预举措	What we know, and don't know, about the impact of state policy and systems-level interventions on prescription drug overdose	HAEGERICH, TM CTR DIS CONTROL PREVENT - USA	DRUG ALCOHOL DEPENDENCE 145: 34-47 DEC 1 2014 http://www.sciencedirect.com/science/article/pii/S0376871614018468	39

42	有关走神 (Mind-Wandering) 及相关自发思维 (Spontaneous Thought) 的功能神经影像研究的元分析	The wandering brain: meta-analysis of functional neuroimaging studies of mind-wandering and related spontaneous thought processes	FOX, KCR CORNELL UNIV	NEUROIMAGE 111: 611-621 MAY 1 2015 http://www.sciencedirect.com/science/article/pii/S1053811915001408	38
43	脑淀粉样血管病 (Cerebral Amyloid Angiopathy)	Evidence for human transmission of amyloid-beta pathology and cerebral amyloid angiopathy	JAUNMUKTANE, Z MRC	NATURE 525 (7568): 247-+ SEP 10 2015 http://www.nature.com/nature/journal/v525/n7568/full/nature15369.html	37
44	专家评论: 抑郁症应激系统的组织架构与功能失调	The organization of the stress system and its dysregulation in depressive illness	GOLD, PW NATL INST HLTH (NIH)	MOL PSYCHIATR 20 (1): 32-47 FEB 2015 http://www.nature.com/mp/jour	37

				nal/v20/n1/pdf/mp2014163a.pdf ?WT.ec_id=MP-201502	
45	光遗传学 (Optogenetics) 技术	Optogenetics: 10 years of microbial opsins in neuroscience	DEISSEROTH, K HOWARD HUGHES MED INST	NAT NEUROSCI 18 (9): 1213-1225 SEP 2015 http://www.nature.com/neuro/journal/v18/n9/full/nn.4091.html	37
46	综述: 大脑内的“愉悦系统” (Pleasure System)	Pleasure systems in the brain	BERRIDGE, KC AARHUS UNIV	NEURON 86 (3): 646-664 MAY 6 2015 http://www.sciencedirect.com/science/article/pii/S0896627315001336	36
47	清醒和麻醉状态下的静息态功	Signature of consciousness in the	BARTTFELD, P	PROC NAT ACAD SCI USA	34

	能连接	dynamics of resting-state brain activity	ATOMIC ENER ALT ENER COMMISSION	112 (3): 887-892 JAN 20 2015 http://www.pnas.org/content/112/3/887.full	
48	综述：阿尔茨海默症与帕金森氏症	Alzheimers and Parkinsons diseases: the prion concept in relation to assembled a beta, tau, and alpha- synuclein	GOEDERT, M MRC LAB MOL BIOL	SCIENCE 349 (6248): - AUG 7 2015 http://science.sciencemag.org/content/349/6248/1255555	33
49	综述：应激的神经机制	Mechanisms of stress in the brain	MCEWEN, BS ROCKEFELLER UNIV	NAT NEUROSCI 18 (10): 1353-1363 OCT 2015 http://www.nature.com/neuro/journal/v18/n10/abs/nn.4086.html	33
50	ADHD 患者的脑功能：综述与元分析	Effects of stimulants on brain function in attention-deficit/hyperactivity disorder: a systematic review and	RUBIA, K KINGS COLL LONDON	BIOL PSYCHIAT 76 (8): 616- 628 OCT 15 2014 http://www.sciencedirect.com/sc	32

		meta-analysis		ience/article/pii/S0006322313009529	
51	短篇综述：缺血性卒中 (Ischaemic Stroke)	Endovascular stent thrombectomy: the new standard of care for large vessel Ischaemic stroke	CAMPBELL, BCV RUPRECHT KARL UNIV HEIDELBERG	LANCET NEUROL 14 (8): 846-854 AUG 2015 http://www.sciencedirect.com/science/article/pii/S1474442215001404	32
52	综述：人脑默认模式网络 (Default Mode Network)	The brains default mode network	RAICHLE, ME WASHINGTON UNIV	ANNU REV NEUROSCI 38: 433-447 2015 http://www.annualreviews.org/doi/abs/10.1146/annurev-neuro-071013-014030?journalCode=neuro	28

53	癫痫持续状态 (Status Epilepticus) 的定义与分类	A definition and classification of status epilepticus - report of the ILAE task force on classification of status epilepticus	TRINKA, E ALBERT EINSTEIN COLL MED	EPILEPSIA 56 (10): 1515-1523 OCT 2015 http://www.icms.ie/attachments/article/49/Classification%20of%20SE.pdf	28
54	小胶质细胞 (Microglia) 和 tau 蛋白病理性聚集在阿尔茨海默症中的作用	Depletion of microglia and inhibition of exosome synthesis halt tau propagation	ASAI, H;IKEZU, S BOSTON UNIV	NAT NEUROSCI 18 (11): 1584-1593 NOV 2015 http://www.nature.com/neuro/journal/v18/n11/full/nn.4132.html	27
55	果蝇 (Drosophila) 幼虫的一个多感觉回路	A multilevel multimodal circuit enhances action selection in drosophila	OHYAMA, T NA-HOWARD HUGHES MED INST JANELIA RES CAMPUS	NATURE 520 (7549): 633- U107 APR 30 2015 http://www.nature.com/nature/journal/v520/n7549/abs/nature14297.html	24

56	综述: 肥胖污名 (Weight Stigma)	Weight stigma is stressful. A review of evidence for the cyclic obesity/weight-based stigma model	TOMIYAMA, AJ UNIV CALIF LOS ANGELES	APPETITE 82: 8-15 NOV 1 2014 http://www.sciencedirect.com/science/article/pii/S0195666314003560	23
57	M1 型和 M2 型小神经胶质细胞在神经退行性病变中的作用	Differential roles of M1 and M2 microglia in neurodegenerative diseases	TANG, Y CHINESE ACAD SCI	MOL NEUROBIOL 53 (2): 1181-1194 MAR 2016 http://link.springer.com/article/10.1007%2Fs12035-014-9070-5	23
58	阿尔茨海默症协会 (Alzheimer's Association) 2015 年报告	Alzheimers Association Report 2015 Alzheimers disease facts and figures	---	ALZHEIMERS DEMENT 11 (3): 332-384 MAR 2015 https://www.ncbi.nlm.nih.gov/pubmed/25984581	22

59	利用静息态功能连接 (Resting-State Functional Connectivity, RSFC) 推定不同脑区的分界	Generation and evaluation of a cortical area parcellation from resting-state correlations	GORDON, EM DARTMOUTH COLL	CEREB CORTEX 26 (1): 288-303 JAN 2016 http://www.nil.wustl.edu/labs/petersen/Publications_files/Full%20Text_18.pdf	21
60	在离体阿尔茨海默症脑组织中, 利用 PET 示踪剂研究 tau 蛋白病理性缠结	Validating novel tau positron emission tomography tracer [F-18]-AV-1451 (T807) on postmortem brain tissue	MARQUIE, M HARVARD UNIV	ANN NEUROL 78 (5): 787-800 NOV 2015 http://onlinelibrary.wiley.com/doi/10.1002/ana.24517/full	20
61	2008-2012 年美国原发性脑与中枢神经系统肿瘤流行病学调查	CBTRUS statistical report: primary brain and central nervous system tumors diagnosed in the United States	OSTROM, QT CASE WESTERN RESERVE UNIV	NEURO-ONCOLOGY 17: 1-62 SUPPL. 4 OCT 2015 http://neuro-	20

		in 2008-2012		oncolibrary.oxfordjournals.org/content/17/suppl_4/iv1.extract	
62	利用单细胞转录技术揭示成年小鼠皮层细胞分类	Adult mouse cortical cell taxonomy revealed by single cell transcriptomics	TASIC, B ALLEN INST BRAIN SCI	NAT NEUROSCI 19 (2): 335-+ FEB 2016 http://www.nature.com/neuro/journal/v19/n2/full/nn.4216.html	18
63	综述：从小神经胶质细胞病变角度讨论抑郁	Depression as a microglial disease	YIRMIYA, R HEBREW UNIV JERUSALEM	TRENDS NEUROSCI 38 (10): 637-658 SP. ISS. SI OCT 2015 http://www.sciencedirect.com/science/article/pii/S0166223615001769	17
64	综述：哺乳动物神经系统	Alternative splicing in the mammalian nervous system: recent insights into mechanisms and functional roles	RAJ, B UNIV TORONTO	NEURON 87 (1): 14-27 JUL 1 2015 http://www.sciencedirect.com/sc	17

				ience/article/pii/S0896627315004110	
65	研究人员绘制高分辨率成年小鼠大脑皮层神经图谱并发现多种新型神经元	Principles of connectivity among morphologically defined cell types in adult neocortex	JIANG, XL BAYLOR COLL MED	SCIENCE 350 (6264): - NOV 27 2015 http://science.sciencemag.org/content/350/6264/aac9462	16
66	Brivaracetam 辅助治疗部分发作癫痫 (Partial-Onset Seizures) 成年患者的效力和安全性: 一项随机双盲安慰剂对照研究	A randomized, double-blind, placebo-controlled, multicenter, parallel-group study to evaluate the efficacy and safety of adjunctive brivaracetam in adult patients with uncontrolled partial-onset seizures	KLEIN, P CHINESE UNIV HONG KONG	EPILEPSIA 56 (12): 1890-1898 DEC 2015 http://onlinelibrary.wiley.com/doi/10.1111/epi.13212/full	15
67	内侧前额叶 (Medial Prefrontal Cortex, mPFC) 与奖赏	Neural circuits prefrontal cortical regulation of brainwide circuit dynamics and reward-related behavior	FERENCZI, EA CORNELL UNIV	SCIENCE 351 (6268): 41-U59 JAN 1 2016 http://psych.stanford.edu/~span/	15

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68	神经回路调控的急性脱靶效应	Acute off-target effects of neural circuit manipulations	OTCHY, TM HARVARD UNIV	NATURE 528 (7582): 358-+ DEC 17 2015 http://www.nature.com/nature/journal/v528/n7582/full/nature16442.html	14
69	肌萎缩性脊髓侧索硬化症/额颞叶型痴呆	ALS/FTD mutation-induced phase transition of FUS liquid droplets and reversible hydrogels into irreversible hydrogels impairs RNP granule function	MURAKAMI, T BARCELONA INST SCI TECH	NEURON 88 (4): 678-690 NOV 18 2015 http://www.sciencedirect.com/science/article/pii/S0896627315009241	14
70	综述: Explaining Pain (EP, 一种教育性干预手段, 通过改变	Fifteen years of explaining pain: the past, present, and future	MOSELEY, GL NA-NEUROORTHOPAED INST	J PAIN 16 (9): 807-813 SEP 2015	14

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71	综述: 应激对海马、杏仁核及前额叶等脑区的影响	Stress effects on neuronal structure: hippocampus, amygdala, and prefrontal cortex	MCEWEN, BS ROCKEFELLER UNIV	NEUROPSYCHOPHARMACOLOGY 41 (1): 3-23 JAN 2016 http://www.nature.com/npp/journal/v41/n1/full/npp2015171a.html	12
72	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	Tau positron emission tomographic imaging in aging and early Alzheimer disease	JOHNSON, KA HARVARD UNIV	ANN NEUROL 79 (1): 110-119 JAN 2016 http://onlinelibrary.wiley.com/doi/10.1002/ana.24546/abstract	12
73	阿尔茨海默氏症早期突触丧失	Complement and microglia mediate	HONG, S	SCIENCE 352 (6286): 712-716	12

	机制	early synapse loss in Alzheimer mouse models	BOSTON CHILDRENS HOSP	MAY 6 2016 http://science.sciencemag.org/content/352/6286/712	
74	小鼠视网膜神经节细胞功能多样性	The functional diversity of retinal ganglion cells in the mouse	BADEN, T BAYLOR COLL MED	NATURE 529 (7586): 345-+ JAN 21 2016 http://www.nature.com/nature/journal/v529/n7586/full/nature16468.html	10
75	斑马鱼作为惊反射 (Startle Response) 适应的模式生物	The common neural parasite Pseudoloma neurophilia is associated with altered startle response habituation in adult zebrafish (Danio rerio): implications for the zebrafish as a model organism	SPAGNOLI, S OREGON STATE UNIV	BEHAV BRAIN RES 291: 351-360 SEP 15 2015 http://www.sciencedirect.com/science/article/pii/S0166432815300139	9
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	PET 成像	aging human brain	LAWRENCE BERKELEY NATL LAB	MAR 2 2016 http://www.sciencedirect.com/science/article/pii/S0896627316000532	
77	综述：星形胶质细胞是神经系统疾病的核心要素	Astrocytes: a central element in neurological diseases	PEKNY, M UNIV GOTHENBURG	ACTA NEUROPATHOL 131 (3): 323-345 MAR 2016 http://link.springer.com/article/10.1007/s00401-015-1513-1	8
78	大脑中的免疫细胞在肌萎缩性脊髓侧索硬化症的恶化中发挥直接作用	C9orf72 is required for proper macrophage and microglial function in mice	OROURKE, JG CEDARS SINAI MED CTR	SCIENCE 351 (6279): 1324-1329 MAR 18 2016 http://science.sciencemag.org/content/351/6279/1324	8
79	静脉应用重组组织型纤溶酶原	AHA/ASA: Scientific rationale for	DEMAERSCHALK, BM	STROKE 47 (2): 581-+ FEB	7

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80	世界卫生组织：中枢神经系统肿瘤分类说明（2016版）	The 2016 World Health Organization classification of tumors of the central nervous system: a summary	LOUIS, DN HARVARD UNIV	ACTA NEUROPATHOL 131 (6): 803-820 JUN 2016 http://link.springer.com/article/10.1007%2Fs00401-016-1545-1	7
81	综述：重复刺激引起下颞叶皮层（Inferior Temporal Cortex, IT）重复抑制（Repetition Suppression）	Sources of adaptation of inferior temporal cortical responses	VOGELS, R KATHOLIEKE UNIV LEUVEN	CORTEX 80: 185-195 SP. ISS. SI JUL 2016 http://www.sciencedirect.com/science/article/pii/S0010945215003342	6

82	小神经胶质细胞与年老相关神经退行性病变	Microglial brain region-dependent diversity and selective regional sensitivities to aging	GRABERT, K BBSRC ROSLIN INST	NAT NEUROSCI 19 (3): 504-+ MAR 2016 http://www.nature.com/neuro/journal/v19/n3/full/nm.4222.html	6
83	SCN8A 突变引发的良性婴儿惊厥 (Benign Infantile Seizures) 和阵发性运动障碍 (Paroxysmal Dyskinesia)	Benign infantile seizures and paroxysmal dyskinesia caused by an SCN8A mutation	GARDELLA, E AARHUS UNIV	ANN NEUROL 79 (3): 428-436 MAR 2016 http://onlinelibrary.wiley.com/doi/10.1002/ana.24580/supinfo	6
84	综述: 从解剖学角度讨论意识的神经相关性	Neural correlates of consciousness: progress and problems	KOCH, C ALLEN INST BRAIN SCI	NAT REV NEUROSCI 17 (5): 307-321 MAY 2016 http://www.nature.com/nrn/journal/v17/n5/full/nrn.2016.22.html	5
85	静止和睡眠时大脑空间定位网络	A hippocampal network for spatial coding during immobility and sleep	KAY, K HOWARD HUGHES MED INST	NATURE 531 (7593): 185-+ MAR 10 2016	5

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86	初级视觉皮层 (Primary Visual Cortex, V1) 中皮层图的解剖基础	Principles underlying sensory map topography in primary visual cortex	KREMKOW, J HUMBOLDT UNIV BERLIN	NATURE 533 (7601): 52-+ MAY 5 2016 http://www.nature.com/nature/journal/v533/n7601/full/nature17936.html	4