

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 2018 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 2015 年 10 月至 2017 年 10 月发表的文章中，在 2017 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 2018 年 3 月 15 日。

本期发布神经科学与行为领域热点文章 96 篇，其中首次入榜文章 43 篇。单篇最高被引 669 次，最低被引 3 次。被引 669 次的文章发表在 *Acta Neuropathologica* 上，标题为 “The 2016 World Health Organization Classification of Tumors of The Central Nervous System: a Summary”，第一作者为哈佛大学医学院、麻省总医院的 David N. Louis，是世界卫生组织发布的 2016 版中枢神经系统肿瘤分类说明。首次入榜的 43 篇中单篇最高被引 56 次的文章标题为 “Pericytes of the Neurovascular Unit: Key Functions and Signaling Pathways”，发表在 *Nature Neuroscience* 上，第一作者是南加州大学 (University of Southern California) 的 Melanie D Sweeney，是一篇关于神经血管系统中周细胞 (Pericyte) 的综述。

另有首次入榜文章有：

- 35: 动态功能连接的揭示;
- 50: 淀粉样级联假说 (Amyloid Cascade Hypothesis);
- 52: 神经科学中的行为学研究;
- 66: 综述—童年受虐对脑结构、功能与连接性的作用;
- 68: 单胺氧化酶抑制剂在人类大脑中的作用;
- 70: 人类大脑皮层发育的阶段性的;
- 83: 综述—炎症分子在阿尔茨海默症的恶化和诊断中的作用;
- 84: 中脑多巴胺系统的催产素能调制;
- 86: 关于神经元细胞分类的综述;
- 91: 视频脑电图 (video - electroencephalography, vEEG) 在神经科学中的应用;
- 96: 人类认知的默认模式网络:。

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 2018 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	第一作者及其单位	出处及原文或摘要链接	单篇被引
1	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 Medical School	ACTA NEUROPATHOL 131 (6): 803-820 JUN 2016 http://link.springer.com/article/10.1007%2Fs00401-016-1545-1	669
2	fMRI 分析中涉及到的一些基本 算法会产生假阳性“信号”，并 且发生频率较高	CLUSTER FAILURE: WHY FMRI INFERENCES FOR SPATIAL EXTENT HAVE INFLATED FALSE-POSITIVE RATES	EKLUND, A LINKOPING UNIV	PROC NAT ACAD SCI USA 113 (28): 7900-7905 JUL 12 2016 http://www.pnas.org/content/113/28/7900.full	379
3	阿尔茨海默症中 A β 斑块的沉 积	THE ANTIBODY ADUCANUMAB REDUCES A BETA PLAQUES IN	SEVIGNY, J BIOGEN IDEC	NATURE 537 (7618): 50-56 SEP 1 2016	212

		ALZHEIMERS DISEASE		http://www.nature.com/nature/journal/v537/n7618/full/nature19323.html	
4	阿尔茨海默氏症早期突触丧失机制	COMPLEMENT AND MICROGLIA MEDIATE EARLY SYNAPSE LOSS IN ALZHEIMER MOUSE MODELS	HONG, S NA-ALECTOR INC	SCIENCE 352 (6286): 712-716 MAY 6 2016 http://science.sciencemag.org/content/352/6286/712	191
5	机体降解氯胺酮 (Ketamine) 产生的一种代谢物可能是它抗抑郁作用迅速起效的真正原因	NMDAR INHIBITION- INDEPENDENT ANTIDEPRESSANT ACTIONS OF KETAMINE METABOLITES	ZANOS, P MITCHELL WOODS PHARMACEUT	NATURE 533 (7604): 481-+ MAY 26 2016 http://www.nature.com/nature/journal/v533/n7604/full/nature17998.html	166

6	人类大脑皮层图谱	A MULTI-MODAL PARCELLATION OF HUMAN CEREBRAL CORTEX	GLASSER, MF IMPERIAL COLL LONDON	NATURE 536 (7615): 171-+ AUG 11 2016 http://www.nature.com/nature/journal/v536/n7615/full/nature18933.html	145
7	自体免疫性脑炎（Autoimmune Encephalitis）的临床诊断	A CLINICAL APPROACH TO DIAGNOSIS OF AUTOIMMUNE ENCEPHALITIS	GRAUS, F CHARITE MED UNIV BERLIN	LANCET NEUROL 15 (4): 391-404 APR 2016 http://www.sciencedirect.com/science/article/pii/S1474442215004019	142
8	星形胶质细胞瘢痕组织帮助轴 突再生	ASTROCYTE SCAR FORMATION AIDS CENTRAL NERVOUS SYSTEM AXON REGENERATION	ANDERSON, MA SWISS FED INST TECHNOL LAUSANNE	NATURE 532 (7598): 195-+ APR 14 2016 http://www.nature.com/nature/journal	138

				/v532/n7598/abs/nature17623.html	
9	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	127
10	星形胶质细胞 (Astrocyte)	PURIFICATION AND CHARACTERIZATION OF PROGENITOR AND MATURE HUMAN ASTROCYTES REVEALS TRANSCRIPTIONAL AND FUNCTIONAL DIFFERENCES	ZHANG, Y KAISER PERMANENTE MED CTR	NEURON 89 (1): 37-53 JAN 6 2016 http://www.sciencedirect.com/science/article/pii/S0896627315010193	121

		WITH MOUSE			
11	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/s12035-014-9070-5	118
12	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	114

13	欧洲将击败阿尔茨海默症及其他痴呆症视为重大优先级任务	DEFEATING ALZHEIMERS DISEASE AND OTHER DEMENTIAS: A PRIORITY FOR EUROPEAN SCIENCE AND SOCIETY	WINBLAD, B NA-ALZHEIMER EUROPE	LANCET NEUROL 15 (5): 455-532 APR 2016 <a href="http://thelancet.com/pdfs/journals/lan-
eur/PIIS1474-4422(16)00062-4.pdf">http://thelancet.com/pdfs/journals/lan- eur/PIIS1474-4422(16)00062-4.pdf	108
14	综述: 鼻内给催产素	INTRANASAL OXYTOCIN: MYTHS AND DELUSIONS	LENG, G UNIV EDINBURGH	BIOL PSYCHIAT 79 (3): 243-250 FEB 1 2016 <a href="http://www.sciencedirect.com/science
/article/pii/S000632231500400X">http://www.sciencedirect.com/science /article/pii/S000632231500400X	108
15	术后痛 (Postoperative Pain) 的管理	MANAGEMENT OF POSTOPERATIVE PAIN: A CLINICAL PRACTICE GUIDELINE FROM THE	CHOU, R NA-AMER ACAD PAIN MED	J PAIN 17 (2): 131-157 FEB 2016 <a href="http://www.sciencedirect.com/science
/article/pii/S1526590015009955">http://www.sciencedirect.com/science /article/pii/S1526590015009955	105

		AMERICAN PAIN SOCIETY, THE AMERICAN SOCIETY OF REGIONAL ANESTHESIA AND PAIN MEDICINE, AND THE AMERICAN SOCIETY OF ANESTHESIOLOGISTS COMMITTEE ON REGIONAL ANESTHESIA, EXECUTIVE COMMITTEE, AND ADMINISTRATIVE COUNCIL			
16	反应性星形胶质细胞与活化小 胶质细胞	NEUROTOXIC REACTIVE ASTROCYTES ARE INDUCED BY ACTIVATED MICROGLIA	LIDDELOW, SA ADRIENNE HELIS MALVIN MED RES FDN	NATURE 541 (7638): - JAN 26 2017 http://www.nature.com/nature/journal/v541/n7638/abs/nature21029.html	104
17	元分析：脑脊液和血液中的生 物学标记物在阿尔兹海默症诊	CSF AND BLOOD BIOMARKERS FOR THE DIAGNOSIS OF	OLSSON, B ALZFORUM	LANCET NEUROL 15 (7): 673-684 JUN 2016	100

	断中的角色	ALZHEIMERS DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS		http://www.sciencedirect.com/science/article/pii/S1474442216000703	
18	研究小鼠和人类中枢神经系统 中小胶质细胞 (Microglia) 的 新工具	NEW TOOLS FOR STUDYING MICROGLIA IN THE MOUSE AND HUMAN CNS	BENNETT, ML STANFORD CANC INST	PROC NAT ACAD SCI USA 113 (12): E1738-E1746 MAR 22 2016 http://www.pnas.org/content/113/12/ E1738.full	100
19	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	SCHOLL, M LAWRENCE BERKELEY NATL LAB	NEURON 89 (5): 971-982 MAR 2 2016 http://www.sciencedirect.com/science/article/pii/S0896627316000532	98

20	综述: 解码 ALS	DECODING ALS: FROM GENES TO MECHANISM	TAYLOR, JP HOWARD HUGHES MED INST	NATURE 539 (7628): 197-206 NOV 10 2016 http://www.nature.com/nature/journal/v539/n7628/full/nature20413.html	97
21	综述: 神经炎症与神经退行性 病变	HOW NEUROINFLAMMATION CONTRIBUTES TO NEURODEGENERATION	RANSOHOFF, RM BIOGEN IDEC	SCIENCE 353 (6301): 777-783 AUG 19 2016 http://science.sciencemag.org/content/353/6301/777	94
22	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	92

23	蓝斑 (Locus Coeruleus) 神经元 活动与瞳孔尺寸变化相关	RELATIONSHIPS BETWEEN PUPIL DIAMETER AND NEURONAL ACTIVITY IN THE LOCUS COERULEUS, COLLICULI, AND CINGULATE CORTEX	JOSHI, S PENNSYLVANIA COMMONWEALTH SYS HIGH EDUC	NEURON 89 (1): 221-234 JAN 6 2016 http://www.sciencedirect.com/science/article/pii/S089662731501034X	91
24	综述: 小胶质细胞和巨噬细胞 在神经胶质瘤 (Glioma) 的维 持与恶化中的作用	THE ROLE OF MICROGLIA AND MACROPHAGES IN GLIOMA MAINTENANCE AND PROGRESSION	HAMBARDZUMYAN, D CLEVELAND CLIN FDN	NAT NEUROSCI 19 (1): 20-27 JAN 2016 http://www.nature.com/neuro/journal/v19/n1/full/nn.4185.html	87
25	静脉应用重组组织型纤溶酶原 激活剂 (阿替普酶, Alteplase) 治疗急性缺血性卒中的指征	SCIENTIFIC RATIONALE FOR THE INCLUSION AND EXCLUSION CRITERIA FOR	DEMAERSCHALK, BM MAYO	STROKE 47 (2): 581-+ FEB 2016 http://stroke.ahajournals.org/content/47/2/581	86

		<p>INTRAVENOUS ALTEPLASE IN ACUTE ISCHEMIC STROKE A STATEMENT FOR HEALTHCARE PROFESSIONALS FROM THE AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION</p>			
26	<p>利用 PET 示踪剂研究阿尔茨海默症中的 tau 蛋白病变</p>	<p>TAU PET PATTERNS MIRROR CLINICAL AND NEUROANATOMICAL VARIABILITY IN ALZHEIMERS DISEASE</p>	<p>OSSENKOPPELE, R CHILDRENS HOSP COLORADO</p>	<p>BRAIN 139: 1551-1567 PART 5 MAY 1 2016 https://academic.oup.com/brain/article/139/5/1551/2468725/Tau-PET-patterns-mirror-clinical-and</p>	86
27	<p>M1 和 M2 小胶质细胞真的存在吗?</p>	<p>A POLARIZING QUESTION: DO M1 AND M2 MICROGLIA EXIST?</p>	<p>RANSOHOFF, RM BIOGEN IDEC</p>	<p>NAT NEUROSCI 19 (8): 987-991 AUG 2016 http://www.nature.com/neuro/journal/</p>	85

				v19/n8/full/nn.4338.html	
28	综述: tau 蛋白病理学与神经退行性疾病	TAU IN PHYSIOLOGY AND PATHOLOGY	WANG, YP CTR ADV EUROPEAN STUDIES RES	NAT REV NEUROSCI 17 (1): 5-21 JAN 2016 http://www.nature.com/nrn/journal/v17/n1/full/nrn.2015.1.html	78
29	卒中的全球负担	GLOBAL BURDEN OF STROKE AND RISK FACTORS IN 188 COUNTRIES, DURING 1990-2013: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2013	FEIGIN, VL AUCKLAND UNIV TECHNOL	LANCET NEUROL 15 (9): 913-924 AUG 2016 http://www.sciencedirect.com/science/article/pii/S1474442216300734	76
30	成年中风患者复健与康复指导方针	GUIDELINES FOR ADULT STROKE REHABILITATION AND	WINSTEIN, CJ	STROKE 47 (6): E98-E169 JUN 2016	76

		RECOVERY A GUIDELINE FOR HEALTHCARE PROFESSIONALS FROM THE AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION		http://stroke.ahajournals.org/content/early/2016/05/04/STR.0000000000000098	
31	催产素与人类社会性行为	THE SOCIAL SALIENCE HYPOTHESIS OF OXYTOCIN	SHAMAY-TSOORY, SG UNIV BIRMINGHAM	BIOL PSYCHIAT 79 (3): 194-202 FEB 1 2016 http://pure-oai.bham.ac.uk/ws/files/27545178/Shamay_Tsoory_et_al_Social_salience_hypothesis_Biological_Psychiatry_2015.pdf	69
32	经颅直流电刺激的安全性	SAFETY OF TRANSCRANIAL DIRECT CURRENT STIMULATION: EVIDENCE	BIKSON, M ALBERT EINSTEIN COLL MED	BRAIN STIMUL 9 (5): 641-661 SEP-OCT 2016 http://www.sciencedirect.com/science	65

		BASED UPDATE 2016		/article/pii/S1935861X16301401	
33	急性缺血性中风的治疗	MECHANICAL THROMBECTOMY AFTER INTRAVENOUS ALTEPLASE VERSUS ALTEPLASE ALONE AFTER STROKE (THRACE): A RANDOMISED CONTROLLED TRIAL	BRACARD, S CHU BESANCON	LANCET NEUROL 15 (11): 1138- 1147 OCT 2016 http://www.sciencedirect.com/science /article/pii/S1474442216301776	60
34	综述：神经血管系统中的周细 胞（Pericyte）	PERICYTES OF THE NEUROVASCULAR UNIT: KEY FUNCTIONS AND SIGNALING PATHWAYS	SWEENEY, MD CYTOSOLVE RES DIV	NAT NEUROSCI 19 (6): 771-783 JUN 2016 https://www.nature.com/articles/nn.4 288.pdf	56
35	动态功能连接的揭示	CAN SLIDING-WINDOW CORRELATIONS REVEAL	HINDRIKS, R ETH ZURICH	NEUROIMAGE 127: 242-256 FEB 15 2016	54

		DYNAMIC FUNCTIONAL CONNECTIVITY IN RESTING-STATE FMRI?		https://www.sciencedirect.com/science/article/pii/S1053811915010782	
36	经颅直流电刺激治疗性使用的循证指导方针	EVIDENCE-BASED GUIDELINES ON THE THERAPEUTIC USE OF TRANSCRANIAL DIRECT CURRENT STIMULATION (TDCS)	LEFAUCHEUR, JP ASSISTANCE PUBLIQUE HOPITAUX PARIS	CLIN NEUROPHYSIOL 128 (1): 56-92 JAN 2017 http://www.sciencedirect.com/science/article/pii/S1388245716306344	54
37	综述：神经退行性病变的病理 性蛋白扩增假说	A CRITICAL APPRAISAL OF THE PATHOGENIC PROTEIN SPREAD HYPOTHESIS OF NEURODEGENERATION	WALSH, DM HARVARD UNIV	NAT REV NEUROSCI 17 (4): 251- 260 APR 2016 https://www.ncbi.nlm.nih.gov/labs/articles/26988744/	53
38	元分析：免疫系统功能障碍与	A META-ANALYSIS OF BLOOD	GOLDSMITH, DR	MOL PSYCHIATR 21 (12): 1696-	53

	精神疾病	CYTOKINE NETWORK ALTERATIONS IN PSYCHIATRIC PATIENTS: COMPARISONS BETWEEN SCHIZOPHRENIA, BIPOLAR DISORDER AND DEPRESSION	AUGUSTA UNIV	1709 DEC 2016 http://www.nature.com/mp/journal/v21/n12/full/mp20163a.html	
39	阿尔茨海默症的生物学标记物	A/T/N: AN UNBIASED DESCRIPTIVE CLASSIFICATION SCHEME FOR ALZHEIMER DISEASE BIOMARKERS	JACK, CR ALZHEIMERS ASSOC	NEUROLOGY 87 (5): 539-547 AUG 2 2016 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4970664/	51
40	国际抗癫痫联盟 (International League Against Epilepsy, ILAE) 更新癫痫分类学	ILAE CLASSIFICATION OF THE EPILEPSIES: POSITION PAPER OF THE ILAE COMMISSION FOR CLASSIFICATION AND TERMINOLOGY	SCHEFFER, IE ALBERT EINSTEIN COLL MED	EPILEPSIA 58 (4): 512-521 APR 2017 http://onlinelibrary.wiley.com/doi/10.1111/epi.13709/full	50

41	母体感染寨卡病毒 (Zika) 与 新生儿小头畸形 (Microcephaly)	CONGENITAL ZIKA VIRUS INFECTION BEYOND NEONATAL MICROCEPHALY	MELO, ASD NA-FAC CIENCIAS MED CAMPINA GRANDE	JAMA NEUROL 73 (12): 1407-1416 DEC 1 2016 http://jamanetwork.com/journals/jama-neurology/fullarticle/2557231	48
42	综述: 含钆磁共振造影剂 (Gadolinium-based contrast agents)的聚集及其毒性	GADOLINIUM-BASED CONTRAST AGENT ACCUMULATION AND TOXICITY: AN UPDATE	RAMALHO, J CENT HOSP LISBOA EPE	AMER J NEURORADIOL 37 (7): 1192-1198 JUL 2016 http://www.ajnr.org/content/37/7/1192	44
43	脑-脊柱接口 (Brain - spine interface) 可缓解灵长类动物脊 髓损伤后的步态不稳	A BRAIN-SPINE INTERFACE ALLEVIATING GAIT DEFICITS AFTER SPINAL CORD INJURY IN PRIMATES	CAPOGROSSO, M BROWN UNIV	NATURE 539 (7628): 284-+ NOV 10 2016 https://www.nature.com/articles/nature20118	41

44	综述: tau 蛋白及其病理学	TAU AND TAUOPATHIES	ARENDR, T UNIV LEIPZIG	BRAIN RES BULL 126: 238-292 PART 3 SP. ISS. SI SEP 2016 https://www.sciencedirect.com/science/article/pii/S0361923016302325	36
45	调控食欲的神经环路	A RAPIDLY ACTING GLUTAMATERGIC ARC -> PVH SATIETY CIRCUIT POSTSYNAPTICALLY REGULATED BY ALPHA-MSH	FENSELAU, H HARVARD UNIV	NAT NEUROSCI 20 (1): 42-51 JAN 2017 http://www.nature.com/neuro/journal/v20/n1/full/nn.4442.html	36
46	国际抗癫痫联盟 (International league against epilepsy, ILAE) 就癫痫发作类型发布修订版指导意见	OPERATIONAL CLASSIFICATION OF SEIZURE TYPES BY THE INTERNATIONAL LEAGUE AGAINST EPILEPSY: POSITION PAPER OF THE ILAE	FISHER, RS ALBERT EINSTEIN COLL MED	EPILEPSIA 58 (4): 522-530 APR 2017 http://onlinelibrary.wiley.com/doi/10.1111/epi.13670/full	34

		COMMISSION FOR CLASSIFICATION AND TERMINOLOGY			
47	神经影像研究结果的可靠性	SCANNING THE HORIZON: TOWARDS TRANSPARENT AND REPRODUCIBLE NEUROIMAGING RESEARCH	POLDRACK, RA CEA	NAT REV NEUROSCI 18 (2): 115- 126 FEB 2017 https://www.nature.com/articles/nrn.2016.167	33
48	精神分裂症的多基因遗传风险	GENE EXPRESSION ELUCIDATES FUNCTIONAL IMPACT OF POLYGENIC RISK FOR SCHIZOPHRENIA	FROMER, M BROAD INST	NAT NEUROSCI 19 (11): 1442-1453 NOV 2016 https://dash.harvard.edu/bitstream/handle/1/32071902/5083142.pdf?sequence=1	32
49	综述：氧化应激与帕金森氏症 和阿尔茨海默症	OXIDATIVE STRESS: A MAJOR PATHOGENESIS AND POTENTIAL THERAPEUTIC	JIANG, TF CHINESE ACAD SCI	PROG NEUROBIOL 147: 1-19 DEC 2016 https://www.sciencedirect.com/scienc	32

		TARGET OF ANTIOXIDATIVE AGENTS IN PARKINSONS DISEASE AND ALZHEIMERS DISEASE		e/article/pii/S0301008215300071	
50	淀粉样级联假说 (Amyloid Cascade Hypothesis)	THE AMYLOID CASCADE HYPOTHESIS: ARE WE POISED FOR SUCCESS OR FAILURE?	KARRAN, E NA-ALZHEIMERS RES UK RES	J NEUROCHEM 139: 237-252 SUPPL. 2 OCT 2016 https://onlinelibrary.wiley.com/doi/full/10.1111/jnc.13632	31
51	微生物群 (Microbiota)、免疫系统和神经系统在健康和疾病中的交互作用	INTERACTIONS BETWEEN THE MICROBIOTA, IMMUNE AND NERVOUS SYSTEMS IN HEALTH AND DISEASE	FUNG, TC UNIV CALIF LOS ANGELES	NAT NEUROSCI 20 (2): 145-155 FEB 2017 https://hsiao.science/static/pdf/FUNG2016.pdf	30
52	神经科学中的行为学研究	NEUROSCIENCE NEEDS BEHAVIOR: CORRECTING A	KRAKAUER, JW CSIC	NEURON 93 (3): 480-490 FEB 8 2017	30

		REDUCTIONIST BIAS		https://www.sciencedirect.com/science/article/pii/S0896627316310406	
53	小鼠海马细胞的空间架构	IN SITU TRANSCRIPTION PROFILING OF SINGLE CELLS REVEALS SPATIAL ORGANIZATION OF CELLS IN THE MOUSE HIPPOCAMPUS	SHAH, S CALTECH	NEURON 92 (2): 342-357 OCT 19 2016 http://www.cell.com/neuron/fulltext/S0896-6273(16)30702-4	28
54	综述：非侵入性经颅脑刺激	INFORMATION-BASED APPROACHES OF NONINVASIVE TRANSCRANIAL BRAIN STIMULATION	ROMEI, V UNIV ESSEX	TRENDS NEUROSCI 39 (11): 782- 795 NOV 2016 http://www.cell.com/trends/neurosciences/pdf/S0166-2236(16)30112-6.pdf	28
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