

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 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 2016 年 4 月至 2018 年 4 月发表的文章中, 在 2018 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 2018 年 9 月 13 日。

本期发布神经科学与行为领域热点文章 100 篇, 其中首次入榜文章 51 篇。单篇最高被引 573 次, 最低被引 4 次。被引 573 次的文章发表在 *PNAS* 上, 标题为“Cluster failure: Why fMRI inferences for spatial extent have inflated false-positive rates”, 第一作者为瑞典林雪平大学 (Linköping University) 的 Anders Eklund, 研究发现 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。首次入榜的 51 篇中单篇最高被引 68 次的文章标题为“Maternal immune activation: Implications for neuropsychiatric disorders”, 发表在 *Science* 上, 第一作者是加州大学戴维斯分校 (University of California Davis) 神经科学中心的 Myka L. Estes, A., 是一篇关于孕妇母体免疫激活 (Maternal Immune Activation, MIA) 与后代的精神分裂症和孤独症的综述。

本期首次入榜主题为癫痫发作的监测, 首次入榜文章有:

- 26: 线粒体功能障碍与帕金森氏症;
- 35: 脑网络异常和中间神经元功能障碍与阿尔茨海默症;
- 43: 经颅电刺激;
- 50: 利用高分辨率三维电子显微镜技术重建神经细胞及其通过突触形成的连接组 (Connectome);
- 53: AAV 顺行跨突触示踪;
- 60: 大脑中的钆 (Gadolinium) 沉积;
- 61: 小脑与情感;
- 66: 利用人脑类器官研究神经发育及相关疾病状态;
- 67: 基于神经影像对阿尔茨海默症进行分类;
- 68: 英国生物银行中 112117 个个体饮酒行为的全基因组关联研究;
- 76: 肉毒神经毒素 (Botulinum Neurotoxin) 在神经运动障碍中的应用;
- 81: 慢性炎症性脱髓鞘神经病变;

82: 单细胞光遗传技术;

85: 人脑单细胞基因表达图谱;

90: 单细胞 RNA 测序揭示暴露于光线后小鼠视觉皮层细胞的转录变化;

91: 成年哺乳动物神经系统的轴突再生;

92: BRAIN 计划中大脑细胞图谱绘制的进展;

95: 元音生成 (Vowel Production);

98: PTSD 动物模型。

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 2018 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	第一作者及其单位	出处及原文或摘要链接	单篇被引
1	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	573
2	阿尔茨海默症中 A β 斑块的沉积	THE ANTIBODY ADUCANUMAB REDUCES A BETA PLAQUES IN ALZHEIMERS DISEASE	SEVIGNY, J BIOGEN IDEC	NATURE 537 (7618): 50-56 SEP 1 2016 http://www.nature.com/nature/journal/v537/n7618/full/nature19323.html	332
3	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 NA-ADRIENNE HELIS MALVIN MED RES FDN	NATURE 541 (7638): - JAN 26 2017 http://www.nature.com/nature/journal/v541/n7638/abs/nature21029.html	257

4	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	243
5	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	178
6	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	156

				/353/6301/777	
7	M1 和 M2 小胶质细胞真的存在吗?	A POLARIZING QUESTION: DO M1 AND M2 MICROGLIA EXIST?	RANSOHOFF, RM BIOGEN IDEC	NAT NEUROSCI 19 (8): 987-991 AUG 2016 http://www.nature.com/neuro/journal/v19/n8/full/nn.4338.html	144
8	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	129
9	卒中的全球负担	GLOBAL BURDEN OF STROKE AND RISK FACTORS IN 188 COUNTRIES, DURING 1990-2013: A SYSTEMATIC ANALYSIS FOR	FEIGIN, VL AUCKLAND UNIV TECHNOL	LANCET NEUROL 15 (9): 913-924 AUG 2016 http://www.sciencedirect.com/science/article/pii/S1474442216300734	124

		THE GLOBAL BURDEN OF DISEASE STUDY 2013			
10	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	119
11	元分析: 免疫系统功能障碍与精神疾病	A META-ANALYSIS OF BLOOD CYTOKINE NETWORK ALTERATIONS IN PSYCHIATRIC PATIENTS: COMPARISONS BETWEEN SCHIZOPHRENIA, BIPOLAR DISORDER AND DEPRESSION	GOLDSMITH, DR AUGUSTA UNIV	MOL PSYCHIATR 21 (12): 1696-1709 DEC 2016 http://www.nature.com/mp/journal/v21/n12/full/mp20163a.html	107
12	国际抗癫痫联盟 (International	OPERATIONAL CLASSIFICATION	FISHER, RS	EPILEPSIA 58 (4): 522-530 APR	96

	league against epilepsy, ILAE) 就癫痫发作类型发布修订版指 导意见	OF SEIZURE TYPES BY THE INTERNATIONAL LEAGUE AGAINST EPILEPSY: POSITION PAPER OF THE ILAE COMMISSION FOR CLASSIFICATION AND TERMINOLOGY	ALBERT EINSTEIN COLL MED	2017 http://onlinelibrary.wiley.com/doi/10.1111/epi.13670/full	
13	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	94
14	脑影像数据处理与分析平台 (DPABI)	DPABI: DATA PROCESSING & ANALYSIS FOR (RESTING- STATE) BRAIN IMAGING	YAN, CG INST PSYCHOLOGY CAS	NEUROINFORMATICS 14 (3): 339- 351 JUL 2016 https://link.springer.com/article/10.10	92

				<u>07/s12021-016-9299-4</u>	
15	路易氏体痴呆 (Dementia with Lewy Bodies) 的诊断与管理	DIAGNOSIS AND MANAGEMENT OF DEMENTIA WITH LEWY BODIES FOURTH CONSENSUS REPORT OF THE DLB CONSORTIUM	MCKEITH, IG NA-AXOVANT SCI INC	NEUROLOGY 89 (1): 88-100 JUL 4 2017 http://n.neurology.org/content/neurology/89/1/88.full.pdf	82
16	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	77
17	综述: 记录神经元活动的荧光蛋白标记技术	GENETICALLY ENCODED INDICATORS OF NEURONAL ACTIVITY	LIN, MZ HOWARD HUGHES MED INST	NAT NEUROSCI 19 (9): 1142-1153 SEP 2016 https://www.nature.com/articles/nn.4359	76

18	综述：语义认知（Semantic cognition）的认知与神经计算机制	THE NEURAL AND COMPUTATIONAL BASES OF SEMANTIC COGNITION	RALPH, MAL MRC	NAT REV NEUROSCI 18 (1): 42-55 JAN 2017 https://www.nature.com/articles/nrn.2016.150	72
19	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	69
20	综述：孕妇母体免疫激活（Maternal Immune Activation, MIA）与后代的精神分裂症和孤独症	MATERNAL IMMUNE ACTIVATION: IMPLICATIONS FOR NEUROPSYCHIATRIC DISORDERS	ESTES, ML UNIVERSITY OF CALIFORNIA DAVIS	SCIENCE 353 (6301): 772-777 AUG 19 2016 http://science.sciencemag.org/content/353/6301/772.full	68
21	投射神经元（projection	A DESIGNER AAV VARIANT	TERVO, DGR	NEURON 92 (2): 372-382 OCT 19	65

	neurons) 示踪	PERMITS EFFICIENT RETROGRADE ACCESS TO PROJECTION NEURONS	NA-4D MOL THERAPEUT	2016 https://www.sciencedirect.com/science/article/pii/S0896627316305803	
22	综述: 帕金森氏病的流行病学研究	THE EPIDEMIOLOGY OF PARKINSONS DISEASE: RISK FACTORS AND PREVENTION	ASCHERIO, A HARVARD TH CHAN SCH PUBL HLTH	LANCET NEUROL 15 (12): 1255- 1270 NOV 2016 https://www.sciencedirect.com/science/article/pii/S1474442216302307	64
23	综述: 癫痫猝死 (Sudden unexpected death in epilepsy)	SUDDEN UNEXPECTED DEATH IN EPILEPSY: EPIDEMIOLOGY, MECHANISMS, AND PREVENTION	DEVINSKY, O CASE WESTERN RESERVE UNIV	LANCET NEUROL 15 (10): 1075- 1088 SEP 2016 http://www.thelancet.com/journals/lanneur/article/PIIS1474-4422(16)30158-2/fulltext	64
24	综述: 网络神经科学	NETWORK NEUROSCIENCE	BASSETT, DS INDIANA UNIV	NAT NEUROSCI 20 (3): 353-364 MAR 2017	63

			BLOOMINGTON	https://www.ncbi.nlm.nih.gov/labs/articles/28230844/	
25	走神 (Mind-wandering)	MIND-WANDERING AS SPONTANEOUS THOUGHT: A DYNAMIC FRAMEWORK	CHRISTOFF, K CORNELL UNIV	NAT REV NEUROSCI 17 (11): 718-731 NOV 2016 https://scottbarrykaufman.com/wp-content/uploads/2016/09/Christoff-et-al.-2016.pdf	62
26	线粒体功能障碍与帕金森氏症	MITOCHONDRIAL DYSFUNCTION IN PARKINSONS DISEASE	BOSE, A CORNELL UNIVERSITY	J NEUROCHEM 139: 216-231 SUPPL. 1 OCT 2016 https://onlinelibrary.wiley.com/doi/full/10.1111/jnc.13731	62
27	自闭症谱系障碍高危婴儿早期脑发育	EARLY BRAIN DEVELOPMENT IN INFANTS AT HIGH RISK FOR AUTISM SPECTRUM DISORDER	HAZLETT, HC CAROLINA INST DEV DISABIL	NATURE 542 (7641): 348+ FEB 16 2017 https://pdfs.semanticscholar.org/77ab	61

				/4ca4c04d451cf9204954b03525ef3c3d8f5f.pdf	
28	特定药物专一性地激活特定受体技术 (Designer Receptors Exclusively Activated by Designer Drugs, DREADD)	CHEMOGENETICS REVEALED: DREADD OCCUPANCY AND ACTIVATION VIA CONVERTED CLOZAPINE	GOMEZ, JL JOHNS HOPKINS MEDICINE	SCIENCE 357 (6350): 503-+ AUG 4 2017 http://science.sciencemag.org/content/357/6350/503.full	59
29	在培养基中维持 9 个多月的人脑类器官 (Organoids)	CELL DIVERSITY AND NETWORK DYNAMICS IN PHOTSENSITIVE HUMAN BRAIN ORGANIDS	QUADRATO, G BROAD INST	NATURE 545 (7652): 48-+ MAY 4 2017 https://www.nature.com/articles/nature22047	58
30	综述: 细胞自噬 (Autophagy) 与神经退行性病变	AUTOPHAGY AND NEURODEGENERATION: PATHOGENIC MECHANISMS	MENZIES, FM ELI LILLY	NEURON 93 (5): 1015-1034 MAR 8 2017 https://www.sciencedirect.com/scienc	57

		AND THERAPEUTIC OPPORTUNITIES		e/article/pii/S0896627317300466	
31	帕金森氏病	SELECTIVE NEURONAL VULNERABILITY IN PARKINSON DISEASE	SURMEIER, DJ HOSP MADRID	NAT REV NEUROSCI 18 (2): 101-113 FEB 2017 https://www.ncbi.nlm.nih.gov/labs/articles/28104909/	55
32	元分析: 10 个新的智力障碍易感基因	META-ANALYSIS OF 2,104 TRIOS PROVIDES SUPPORT FOR 10 NEW GENES FOR INTELLECTUAL DISABILITY	LELIEVELD, SH MAASTRICHT UNIV	NAT NEUROSCI 19 (9): 1194-1196 SEP 2016 http://www.nature.com/neuro/journal/v19/n9/full/nn.4352.html	54
33	综述: 腹侧背盖区(Ventral tegmental area, VTA)	VENTRAL TEGMENTAL AREA: CELLULAR HETEROGENEITY, CONNECTIVITY AND BEHAVIOUR	MORALES, M NATL INST DRUG ABUSE (NIDA)	NAT REV NEUROSCI 18 (2): 73-85 FEB 2017 http://www.nature.com/nrn/journal/v18/n2/full/nrn.2016.165.html	53

34	综述：童年受虐对脑结构、功能与连接性的作用	THE EFFECTS OF CHILDHOOD MALTREATMENT ON BRAIN STRUCTURE, FUNCTION AND CONNECTIVITY	TEICHER, MH HARVARD UNIV	NAT REV NEUROSCI 17 (10): 652- + OCT 2016 https://www.ncbi.nlm.nih.gov/labs/articles/27640984/	52
35	脑网络异常和中间神经元功能障碍与阿尔茨海默症	NETWORK ABNORMALITIES AND INTERNEURON DYSFUNCTION IN ALZHEIMER DISEASE	PALOP, JJ THE J DAVID GLADSTONE INSTITUTES	NAT REV NEUROSCI 17 (12): 777- 792 DEC 2016 https://www.nature.com/articles/nrn.2016.141	51
36	大脑内负责温度调节的神经元	THE TRPM2 CHANNEL IS A HYPOTHALAMIC HEAT SENSOR THAT LIMITS FEVER AND CAN DRIVE HYPOTHERMIA	SONG, K EUROPEAN MOL BIOL LAB	SCIENCE 353 (6306): 1393-1398 SEP 23 2016 http://science.sciencemag.org/content/353/6306/1393	48
37	应激、糖皮质激素与记忆	STRESS, GLUCOCORTICOIDS AND MEMORY: IMPLICATIONS	DE QUERVAIN, D RADBOD UNIV NIJMEGEN	NAT REV NEUROSCI 18 (1): 7-19 JAN 2017	41

		FOR TREATING FEAR-RELATED DISORDERS		https://www.psy.uni-hamburg.de/arbeitsbereiche/kognition-spsychologie/publications/dequervain-2017-nrn.pdf	
38	综述：免疫的神经调节机制	NEURAL REGULATION OF IMMUNITY: MOLECULAR MECHANISMS AND CLINICAL TRANSLATION	PAVLOV, VA NORTHWELL HLTH	NAT NEUROSCI 20 (2): 156-166 FEB 2017 http://www.nature.com/neuro/journal/v20/n2/full/nn.4477.html	40
39	1990-2015 年神经疾病的全球、地区、国家负担	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF NEUROLOGICAL DISORDERS DURING 1990-2015: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2015	FEIGIN, VL ADDIS ABABA UNIV	LANCET NEUROL 16 (11): 877-897 NOV 2017 https://www.thelancet.com/journals/laneur/article/PIIS1474-4422(17)30299-5/fulltext	40

40	Edaravone (药名) 治疗肌萎缩性脊髓侧索硬化症	SAFETY AND EFFICACY OF EDARAVONE IN WELL DEFINED PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS: A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL	ABE, K INT UNIV HLTH WELFARE	LANCET NEUROL 16 (7): 505-512 JUL 2017 https://www.thelancet.com/journals/laneur/article/PIIS1474-4422(17)30115-1/fulltext	40
41	成人阻塞性睡眠呼吸暂停临床实践指导方针	CLINICAL PRACTICE GUIDELINE FOR DIAGNOSTIC TESTING FOR ADULT OBSTRUCTIVE SLEEP APNEA: AN AMERICAN ACADEMY OF SLEEP MEDICINE CLINICAL PRACTICE GUIDELINE	KAPUR, VK NA-AMER ACAD SLEEP MED	J CLIN SLEEP MED 13 (3): 479-504 2017 https://aasm.org/resources/clinicalguidelines/diagnostic-testing-osa.pdf	38
42	癫痫猝死 (Sudden Unexpected Death in Epilepsy, SUDEP) 的发生率及高危因素	PRACTICE GUIDELINE SUMMARY: SUDDEN UNEXPECTED DEATH IN EPILEPSY INCIDENCE RATES	HARDEN, C ALBERTA CHILDRENS HOSPITAL	NEUROLOGY 88 (17): 1674-1680 APR 25 2017 http://n.neurology.org/content/neurology/88/17/1674.full.pdf	36

		<p>AND RISK FACTORS REPORT OF THE GUIDELINE DEVELOPMENT, DISSEMINATION, AND IMPLEMENTATION SUBCOMMITTEE OF THE AMERICAN ACADEMY OF NEUROLOGY AND THE AMERICAN EPILEPSY SOCIETY</p>			
43	经颅电刺激	<p>TRANSCRANIAL ELECTRICAL STIMULATION: WHAT WE KNOW AND DO NOT KNOW ABOUT MECHANISMS</p>	<p>FERTONANI, A IRCCS FATEBENEFRAPELLI</p>	<p>NEUROSCIENTIST 23 (2): 109-123 APR 2017 http://journals.sagepub.com/doi/full/10.1177/1073858416631966</p>	35
44	功能连接中运动伪迹的控制	<p>BENCHMARKING OF PARTICIPANT-LEVEL CONFOUND REGRESSION</p>	<p>CIRIC, R CORNELL UNIV</p>	<p>NEUROIMAGE 154: 174-187 JUL 1 2017 https://www.sciencedirect.com/scienc</p>	33

		STRATEGIES FOR THE CONTROL OF MOTION ARTIFACT IN STUDIES OF FUNCTIONAL CONNECTIVITY		e/article/pii/S1053811917302288	
45	综述：痴呆的患病率与发病率	THE CHANGING PREVALENCE AND INCIDENCE OF DEMENTIA OVER TIME - CURRENT EVIDENCE	WU, YT BOSTON UNIV	NAT REV NEUROL 13 (6): 327- U79 JUN 2017 https://www.ncbi.nlm.nih.gov/labs/articles/28497805/	33
46	丘脑参与决策和注意力维持等认知过程	THALAMIC AMPLIFICATION OF CORTICAL CONNECTIVITY SUSTAINS ATTENTIONAL CONTROL	SCHMITT, LI NEW YORK UNIV	NATURE 545 (7653): 219-+ MAY 11 2017 https://hearingbrain.org/docs/schmitt_halassa_nature_2017.pdf	32
47	星形胶质细胞	NEURAL CIRCUIT-SPECIALIZED ASTROCYTES: TRANSCRIPTOMIC,	CHAI, H UNIV CALIF LOS ANGELES	NEURON 95 (3): 531-+ AUG 2 2017 https://www.sciencedirect.com/science/article/pii/S0896627317305536	31

		PROTEOMIC, MORPHOLOGICAL, AND FUNCTIONAL EVIDENCE			
48	慢性偏头痛的预防性治疗	SAFETY AND EFFICACY OF ERENUMAB FOR PREVENTIVE TREATMENT OF CHRONIC MIGRAINE: A RANDOMISED, DOUBLE-BLIND, PLACEBO- CONTROLLED PHASE 2 TRIAL	TEPPER, S VANDERBILT UNIVERSITY	LANCET NEUROL 16 (6): 425-434 JUN 2017 https://www.sciencedirect.com/science/article/pii/S1474442217300832	30
49	AHA/ASA: 2018 版急性缺血性 中风早期管理指导方针	2018 GUIDELINES FOR THE EARLY MANAGEMENT OF PATIENTS WITH ACUTE ISCHEMIC STROKE: A GUIDELINE FOR HEALTHCARE PROFESSIONALS FROM THE AMERICAN HEART ASSOCIATION/AMERICAN	POWERS, WJ -	STROKE 49 (3): E46-E110 MAR 2018 https://www.ahajournals.org/doi/10.1161/STR.000000000000158	28

		STROKE ASSOCIATION			
50	利用高分辨率三维电子显微镜技术重建神经细胞及其通过突触形成的连接组 (Connectome)	THE COMPLETE CONNECTOME OF A LEARNING AND MEMORY CENTRE IN AN INSECT BRAIN	EICHLER, K COLUMBIA UNIVERSITY	NATURE 548 (7666): 175-+ AUG 10 2017 https://www.nature.com/articles/nature23455	27
51	2017 版多发性硬化症诊断的 McDonald 标准	DIAGNOSIS OF MULTIPLE SCLEROSIS: 2017 REVISIONS OF THE MCDONALD CRITERIA	THOMPSON, AJ CHILDRENS HOSP PHILADELPHIA	LANCET NEUROL 17 (2): 162-173 FEB 2018 https://www.sciencedirect.com/science/article/pii/S1474442217304702	27
52	多巴胺系统调节帕金森氏病的线粒体和溶酶体功能障碍	DOPAMINE OXIDATION MEDIATES MITOCHONDRIAL AND LYSOSOMAL DYSFUNCTION IN PARKINSONS DISEASE	BURBULLA, LF CTR HOSP LUXEMBOURG	SCIENCE 357 (6357): 1255-+ SEP 22 2017 http://science.sciencemag.org/content/early/2017/09/06/science.aam9080.full	27

53	AAV 顺行跨突触示踪	AAV-MEDIATED ANTEROGRADE TRANSSYNAPTIC TAGGING: MAPPING CORTICOCOLLICULAR INPUT- DEFINED NEURAL PATHWAYS FOR DEFENSE BEHAVIORS	ZINGG, B SOUTHERN MEDICAL UNIVERSITY - CHINA	NEURON 93 (1): 33-47 JAN 4 2017 https://www.sciencedirect.com/science/article/pii/S0896627316309138	26
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