

ESI 中神经科学与行为领域热点论文 信息推送

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中国科学院心理研究所信息中心

中国科学院文献情报中心

本期编者：赵婉雨、卫垆圻、王玮

地址：北京市朝阳区林萃路 16 号院

电话：010-64880539

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邮编：100101

邮箱：xinxizhongxin@psych.ac.cn

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——基于 2019 年 1 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 8 月至 2018 年 8 月发表的文章中, 在 2018 年 9 月和 10 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 2019 年 1 月 18 日。

本期发布神经科学与行为领域热点文章 94 篇, 其中首次入榜文章 47 篇。单篇最高被引 371 次, 最低被引 4 次。被引 371 次的文章发表在 *Nature* 上, 标题为“NEUROTOXIC REACTIVE ASTROCYTES ARE INDUCED BY ACTIVATED MICROGLIA”, 第一作者为斯坦福大学医学院的 Shane A. Liddelow, 研究讨论了活化的小胶质细胞诱导星形胶质细胞神经毒性反应。首次入榜的 47 篇中单篇最高被引 81 次的文章标题为“GAMMA FREQUENCY ENTRAINMENT ATTENUATES AMYLOID LOAD AND MODIFIES MICROGLIA”, 发表在 *Nature* 上, 第一作者是美国麻省理工学院 (MIT) 的 Iaccarino, Hannah F, 通讯作者为 MIT 美国科学院院士蔡立慧, 该研究发现 γ 振荡减弱, 导致 β 淀粉样蛋白沉积形成斑块从而导致认知能力衰退, 并且如果通过 40 赫兹闪光灯照射激活大脑内小胶质细胞, 提高清除淀粉样蛋白能力, 就可以预防和治疗老年痴呆。

首次入榜文章有:

- 24: 多模态群体脑成像;
- 27: 中枢神经系统中外周免疫细胞的作用;
- 36: 长时程增强效应的简明历史;
- 45: 中枢神经系统炎性脱髓鞘疾病的脑成像特征;
- 47: 瞳孔波动反映大脑皮层肾上腺素能和胆碱能活动的快速变化;
- 49: 评估和调整脑信号解码器;
- 54: 血浆中适用于阿尔茨海默病的高性能淀粉样蛋白标记物;
- 71: 抗抑郁药物治疗后细胞因子和趋化因子水平;
- 72: 肠道微生物代谢物影响小胶质细胞对星形胶质细胞的支配;
- 88: 反复轻度脑损伤持续终身的行为与神经病理学后果;
- 91: 与记忆变形有关的海马与新皮层;
- 94: 丘脑对睡眠和觉醒的双重控制。

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 2019 年 1 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	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	371
2	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	243
3	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	193
4	路易氏体痴呆 (Dementia with	DIAGNOSIS AND	MCKEITH, IG	NEUROLOGY 89 (1): 88-100 JUL 4	147

	Lewy Bodies) 的诊断与管理	MANAGEMENT OF DEMENTIA WITH LEWY BODIES FOURTH CONSENSUS REPORT OF THE DLB CONSORTIUM	NA-AXOVANT SCI INC	2017 http://n.neurology.org/content/neurology/89/1/88.full.pdf	
5	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 COMMISSION FOR CLASSIFICATION AND TERMINOLOGY	FISHER, RS ALBERT EINSTEIN COLL MED	EPILEPSIA 58 (4): 522-530 APR 2017 http://onlinelibrary.wiley.com/doi/10.1111/epi.13670/full	146
6	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	GOLDSMITH, DR AUGUSTA UNIV	MOL PSYCHIATR 21 (12): 1696-1709 DEC 2016 http://www.nature.com/mp/journal/v21/n12/full/mp20163a.html	134

		BETWEEN SCHIZOPHRENIA, BIPOLAR DISORDER AND DEPRESSION			
7	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	132
8	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 STROKE ASSOCIATION	POWERS, WJ -	STROKE 49 (3): E46-E110 MAR 2018 https://www.ahajournals.org/doi/10.1161/STR.0000000000000158	115

9	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	110
10	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	100
11	综述：网络神经科学	NETWORK NEUROSCIENCE	BASSETT, DS INDIANA UNIV BLOOMINGTON	NAT NEUROSCI 20 (3): 353-364 MAR 2017 https://www.ncbi.nlm.nih.gov/labs/articles/28230844/	99
12	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	97

13	被特定配体活化的受体 (designer receptors exclusively activated by a designer drugs, DREADDs) 技术	CHEMOGENETICS REVEALED: DREADD OCCUPANCY AND ACTIVATION VIA CONVERTED CLOZAPINE	GOMEZ, JL JOHNS HOPKINS MED	SCIENCE 357 (6350): 503-+ AUG 4 2017 http://science.sciencemag.org/content/357/6350/503	91
14	神经科学中的行为学研究	NEUROSCIENCE NEEDS BEHAVIOR: CORRECTING A REDUCTIONIST BIAS	KRAKAUER, JW CSIC	NEURON 93 (3): 480-490 FEB 8 2017 https://www.sciencedirect.com/science/article/pii/S0896627316310406	91
15	综述: 细胞自噬 (Autophagy) 与神经退行性病变	AUTOPHAGY AND NEURODEGENERATION: PATHOGENIC MECHANISMS AND THERAPEUTIC OPPORTUNITIES	MENZIES, FM ELI LILLY	NEURON 93 (5): 1015-1034 MAR 8 2017 https://www.sciencedirect.com/science/article/pii/S0896627317300466	89
16	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/4ca4c04d451cf9204954b03525ef3c	86

				3d8f5f.pdf	
17	进行性核上性麻痹 (progressive supranuclear palsy, PSP) 的临床诊断	CLINICAL DIAGNOSIS OF PROGRESSIVE SUPRANUCLEAR PALSY: THE MOVEMENT DISORDER SOCIETY CRITERIA	HOGLINGER, GU ASSISTANCE PUBLIQUE HOPITAUX PARIS	MOVEMENT DISORD 32 (6): 853-864 JUN 2017 https://onlinelibrary.wiley.com/doi/full/10.1002/mds.26987	85
18	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	85
19	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	82
20	γ 振荡减少淀粉样蛋白形成, 激活小胶质细胞	GAMMA FREQUENCY ENTRAINMENT ATTENUATES AMYLOID LOAD AND	Iaccarino, HF Massachusetts Institute of Technology	NATURE 540 (7632): 230-+ DEC 8 2016 https://www.nature.com/articles/nature20118	81

		MODIFIES MICROGLIA		re20587	
21	在培养基中维持 9 个多月的人脑类器官 (Organoids)	CELL DIVERSITY AND NETWORK DYNAMICS IN PHOTOSENSITIVE HUMAN BRAIN ORGANOIDS	QUADRATO, G BROAD INST	NATURE 545 (7652): 48-+ MAY 4 2017 https://www.nature.com/articles/nature22047	78
22	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	76
23	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	74

24	英国生物银行 (UK Biobank): 多模态群体脑成像	MULTIMODAL POPULATION BRAIN IMAGING IN THE UK BIOBANK PROSPECTIVE EPIDEMIOLOGICAL STUDY	Miller, KL University of Oxford	NAT NEUROSCI 19 (11): 1523-1536 NOV 2016 https://www.nature.com/articles/nn.4393	74
25	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	74
26	利用多能干细胞 (Pluripotent stem cell) 技术研究神经系统发育	ASSEMBLY OF FUNCTIONALLY INTEGRATED HUMAN FOREBRAIN SPHEROIDS	BIREY, F BD GENOM	NATURE 545 (7652): 54-+ MAY 4 2017 https://www.nature.com/articles/nature22330	72
27	中枢神经系统中外周免疫细胞 的作用	THE ROLE OF PERIPHERAL IMMUNE CELLS IN THE CNS IN STEADY STATE AND DISEASE	PRINZ, M University of Freiburg	NAT NEUROSCI 20 (2): 136-144 FEB 2017 https://www.nature.com/articles/nn.4475	64

28	小胶质细胞 (Microglia)	A NEW FATE MAPPING SYSTEM REVEALS CONTEXT-DEPENDENT RANDOM OR CLONAL EXPANSION OF MICROGLIA	TAY, TL BIH	NAT NEUROSCI 20 (6): 793-+ JUN 2017 https://www.nature.com/articles/nn.4547	62
29	环状 RNA (circRNA)、微小核 苷酸 (miRNA) 与脑功能	LOSS OF A MAMMALIAN CIRCULAR RNA LOCUS CAUSES MIRNA DEREGLATION AND AFFECTS BRAIN FUNCTION	PIWECKA, M BERLIN INST HLTH	SCIENCE 357 (6357): 1254-+ SEP 22 2017 http://science.sciencemag.org/content/early/2017/08/09/science.aam8526.full	62
30	CBTRUS 统计报告: 2010-2014 美国确诊的原发性脑及中枢神 经系统肿瘤	CBTRUS STATISTICAL REPORT: PRIMARY BRAIN AND OTHER CENTRAL NERVOUS SYSTEM TUMORS DIAGNOSED IN THE UNITED STATES IN 2010-2014	OSTROM, QT BOSTON UNIVERSITY	NEURO-ONCOLOGY 19: V1-V88 SUPPL. 5 OCT 2017 https://academic.oup.com/neuro-oncology/article/19/suppl_5/v1/4596648	60
31	执行功能	UNITY AND DIVERSITY OF	FRIEDMAN, NP	CORTEX 86: 186-204 JAN 2017	58

		EXECUTIVE FUNCTIONS: INDIVIDUAL DIFFERENCES AS A WINDOW ON COGNITIVE STRUCTURE	UNIVERSITY OF COLORADO BOULDER, UNIVERSITY OF COLORADO SYSTEM	https://www.sciencedirect.com/science/article/pii/S0010945216301071	
32	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	57
33	综述: 帕金森氏病的非运动型特 征	NON-MOTOR FEATURES OF PARKINSON DISEASE	SCHAPIRA, AHV KINGS COLL HOSP	NAT REV NEUROSCI 18 (7): 435-+ JUL 2017 https://www.nature.com/articles/nrn.2017.62	57
34	源自诱导多能干细胞 (iPSCs) 的人小神经胶质细胞样细胞	IPSC-DERIVED HUMAN MICROGLIA-LIKE CELLS TO STUDY NEUROLOGICAL DISEASES	ABUD, EM MCGILL UNIVERSITY	NEURON 94 (2): 278-+ APR 19 2017 https://www.sciencedirect.com/science/article/pii/S0896627317302866	55
35	海马神经元发生在发育早期后	HUMAN HIPPOCAMPAL	SORRELLS, SF	NATURE 555 (7696): 377-+ MAR	54

	急剧下降	NEUROGENESIS DROPS SHARPLY IN CHILDREN TO UNDETECTABLE LEVELS IN ADULTS	CIBERNED	15 2018 http://iobs.fudan.edu.cn/Assets/userfiles/sys_eb538c1c-65ff-4e82-8e6a-a1ef01127fed/files/%E6%9C%80%E6%96%B0%E8%AE%BA%E6%96%87/Human%20hippocampal%20neurogenesis%20drops%20sharply%20in%20children%20to%20undetectable%20levels%20in%20adults.pdf	
36	长时程增强效应的简明历史	A BRIEF HISTORY OF LONG-TERM POTENTIATION	NICOLL, RA UNIVERSITY OF CALIFORNIA SAN FRANCISCO	NEURON 93 (2): 281-290 JAN 18 2017 https://linkinghub.elsevier.com/retrieve/pii/S0896627316309576	53
37	ApoE4 与 tau 蛋白介导的神经退行性病变	APOE4 MARKEDLY EXACERBATES TAU-MEDIATED NEURODEGENERATION IN A	SHI, Y ASTRAZENECA	NATURE 549 (7673): 523-+ SEP 28 2017 https://www.ncbi.nlm.nih.gov/pubme	53

		MOUSE MODEL OF TAUOPATHY		d/28959956/	
38	可同时记录上百个神经元电活动的新型硅探头	FULLY INTEGRATED SILICON PROBES FOR HIGH-DENSITY RECORDING OF NEURAL ACTIVITY	JUN, JJ ALLEN INST BRAIN SCI	NATURE 551 (7679): 232-+ NOV 9 2017 https://www.nature.com/articles/nature24636	53
39	大尺度脑网络	DYNAMIC MODELS OF LARGE-SCALE BRAIN ACTIVITY	BREAKSPEAR, M QIMR BERGHOFFER MEDICAL RESEARCH INSTITUTE;	NAT NEUROSCI 20 (3): 340-352 MAR 2017 https://www.nature.com/articles/nn.4497	52
40	动态功能连接	THE DYNAMIC FUNCTIONAL CONNECTOME: STATE-OF-THE-ART AND PERSPECTIVES	PRETI, MG SWISS FED INST TECHNOL LAUSANNE	NEUROIMAGE 160: 41-54 SP. ISS. SI OCT 15 2017 https://www.sciencedirect.com/science/article/pii/S1053811916307881	47
41	神经血管单元 (Neurovascular unit) 与神经系统退行性疾病	THE NEUROVASCULAR UNIT COMING OF AGE: A JOURNEY THROUGH NEUROVASCULAR COUPLING IN HEALTH AND	IADECOLA, C CORNELL UNIVERSITY	NEURON 96 (1): 17-42 SEP 27 2017 https://www.sciencedirect.com/science/article/pii/S0896627317306529	45

		DISEASE			
42	多发性硬化症	SERUM NEUROFILAMENT LIGHT: A BIOMARKER OF NEURONAL DAMAGE IN MULTIPLE SCLEROSIS	DISANTO, G UNIVERSITY OF LONDON, UNIVERSITY COLLEGE LONDON	ANN NEUROL 81 (6): 857-870 JUN 2017 https://onlinelibrary.wiley.com/doi/full/10.1002/ana.24954	44
43	基于腺相关病毒 (Adeno-associated viruses, AAV) 研究中枢和外周神经系统在体基因转移 (gene transfer)	ENGINEERED AAVS FOR EFFICIENT NONINVASIVE GENE DELIVERY TO THE CENTRAL AND PERIPHERAL NERVOUS SYSTEMS	CHAN, KY CALTECH	NAT NEUROSCI 20 (8): 1172-+ AUG 2017 https://www.ncbi.nlm.nih.gov/labs/articles/28671695/	42
44	2018 版美国国家老龄化研究所和阿尔茨海默病学会 (National Institute on Aging—Alzheimer's Association, NIA-AA) 研究框架	NIA-AA RESEARCH FRAMEWORK: TOWARD A BIOLOGICAL DEFINITION OF ALZHEIMERS DISEASE	JACK, CR ALZHEIMER&APOS;S ASSOCIATION	ALZHEIMERS DEMENT 14 (4): 535-562 APR 2018 https://www.sciencedirect.com/science/article/pii/S1552526018300724	42
45	中枢神经系统炎性脱髓鞘疾病的脑成像特征	DISTINCT BRAIN IMAGING CHARACTERISTICS OF	Jurynczyk, M University of Oxford	BRAIN 140: 617-627 PART 3 MAR 2017	42

		AUTOANTIBODY-MEDIATED CNS CONDITIONS AND MULTIPLE SCLEROSIS		https://academic.oup.com/brain/article/140/3/617/2996233	
46	大脑中的钆（Gadolinium）沉积	GADOLINIUM DEPOSITION IN THE BRAIN: SUMMARY OF EVIDENCE AND RECOMMENDATIONS	GULANI, V CASE WESTERN RESERVE UNIVERSITY	LANCET NEUROL 16 (7): 564-570 JUL 2017 https://www.sciencedirect.com/science/article/pii/S1474442217301588	42
47	瞳孔波动反映大脑皮质肾上腺素能和胆碱能活动的快速变化	PUPIL FLUCTUATIONS TRACK RAPID CHANGES IN ADRENERGIC AND CHOLINERGIC ACTIVITY IN CORTEX	Reimer, J Baylor College of Medicine	NAT COMMUN 7: - NOV 8 2016 https://www.nature.com/articles/ncomms13289.pdf	41
48	催产素和加压素神经网络	OXYTOCIN AND VASOPRESSIN NEURAL NETWORKS: IMPLICATIONS FOR SOCIAL BEHAVIORAL DIVERSITY AND TRANSLATIONAL	Johnson, ZV Emory University	NEUROSCI BIOBEHAV REV 76: 87-98 PART A MAY 2017 https://www.sciencedirect.com/science/article/pii/S0149763416304602?via%3Dihub	36

		NEUROSCIENCE			
49	评估和调整脑信号解码器	ASSESSING AND TUNING BRAIN DECODERS: CROSS-VALIDATION, CAVEATS, AND GUIDELINES	Varoquaux, G Inria	NEUROIMAGE 145: 166-179 PART B SP. ISS. SI JAN 15 2017 https://www.sciencedirect.com/science/article/pii/S105381191630595X?via%3Dihub	35
50	AMPA 型谷氨酸受体及其辅助蛋白的结构和功能结构	STRUCTURAL AND FUNCTIONAL ARCHITECTURE OF AMPA-TYPE GLUTAMATE RECEPTORS AND THEIR AUXILIARY PROTEINS	Greger, IH MRC Laboratory Molecular Biology	NEURON 94 (4): 713-730 MAY 17 2017 https://www.ncbi.nlm.nih.gov/pubmed/28521126	34
51	皮层 γ 同步化	CORTICAL GAMMA BAND SYNCHRONIZATION THROUGH SOMATOSTATIN INTERNEURONS	Veit, J University of California Berkeley	NAT NEUROSCI 20 (7): 951-+ JUL 2017 https://www.nature.com/articles/nn.4562	34

52	阿尔茨海默症	MICROGLIA-DERIVED ASC SPECKS CROSS-SEED AMYLOID-BETA IN ALZHEIMERS DISEASE	VENEGAS, C UNIVERSITY OF MASSACHUSETTS WORCESTER	NATURE 552 (7685): 355-+ DEC 21 2017 https://www.nature.com/articles/nature25158	34
53	基于 DNA 甲基化对中枢神经系统肿瘤进行分类	DNA METHYLATION-BASED CLASSIFICATION OF CENTRAL NERVOUS SYSTEM TUMOURS	CAPPER, D ACADEMIC MEDICAL CENTER AMSTERDAM	NATURE 555 (7697): 469-+ MAR 22 2018 https://www.nature.com/articles/nature26000	34
54	血浆中阿尔茨海默病的淀粉样蛋白标记物	HIGH PERFORMANCE PLASMA AMYLOID-BETA BIOMARKERS FOR ALZHEIMERS DISEASE	Nakamura, A National Center for Geriatrics & Gerontology	NATURE 554 (7691): 249-+ FEB 8 2018 https://www.nature.com/articles/nature25456	33
55	创伤性脑损伤 (Traumatic brain injury) 的预防、临床护理及相关研究	TRAUMATIC BRAIN INJURY: INTEGRATED APPROACHES TO IMPROVE PREVENTION, CLINICAL CARE, AND	MAAS, AIR ALL INDIA INST MED SCI	LANCET NEUROL 16 (12): 987-1048 DEC 2017 https://www.thelancet.com/pdfs/journals/laneur/PIIS1474-4422(17)30371-	33

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