

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 2019 年 5 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 12 月至 2018 年 12 月发表的文章中, 在 2019 年 1 月和 2 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 5 月 9 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 280 次, 最低被引 4 次。被引 280 次的文章发表在上 *Stroke*, 标题为“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”, 第一作者为北卡罗来纳大学教堂山分校 (University of North Carolina, Chapel Hill) 的 William J. Powers, 研究讨论了 AHA/ASA 发布的 2018 版急性缺血性中风早期管理指导方针。首次入榜的 43 篇中单篇最高被引 61 次的文章标题为“Human iPSC cell-derived dopaminergic neurons function in a primate Parkinson's disease model”, 发表在 *Nature* 上, 第一作者是日本京都大学 (Kyoto University) 的 Tetsuhiro Kikuchi, 该研究探讨了植入人诱导多能干细胞 (iPSC) 源多巴胺能神经元可以改善帕金森氏病模型猴的运动能力。

本期首次入榜研究主题为早产与结构性和功能性脑发育, 部分首次入榜文章有:

- 42: 前外侧运动皮层与运动维持;
- 48: 睡眠时记忆的巩固;
- 50: 胰岛素抵抗与 II 型糖尿病和阿尔茨海默症;
- 63: 复杂性脑网络;
- 67: MOG 脑脊髓炎 (Myelin oligodendrocyte glycoprotein encephalomyelitis, MOG encephalomyelitis);
- 72: 对多巴胺的释放进行可视化;
- 77: 发作性睡病 (Narcolepsy);
- 78: 深度学习与计算机视觉 (Computer vision);
- 79: 轻度脑外伤与痴呆;
- 81: 皮肤电学传导 (Electrochemical skin conductance) 检测泌汗障碍 (Sudomotor dysfunction);

83: 海马-内嗅系统与情景记忆;

86: 神经伦理学 (Neuroethics);

88: 婴幼儿脑连接组计划 (UNC/UMN Baby Connectome Project, BCP);

93: 生活方式干预与认知受损、痴呆、阿尔茨海默症;

94: 冲动性觅药 (Compulsive drug seeking)。

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)。

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附表：ESI 2019 年 5 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	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 University of North Carolina, Chapel Hill	STROKE 49 (3): E46-E110 MAR 2018 https://www.ahajournals.org/doi/10.1161/STR.000000000000158	280
2	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	252
3	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	MCKEITH, IG NA-AXOVANT SCI INC	NEUROLOGY 89 (1): 88-100 JUL 4 2017	202

		consensus report of the DLB consortium		http://n.neurology.org/content/neurology/89/1/88.full.pdf	
4	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	200
5	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	152
6	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/	140

7	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/v1/4596 648	137
8	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	130
9	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	130

10	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	128
11	海马神经元发生在发育早期后 急剧下降	Human hippocampal neurogenesis drops sharply in children to undetectable levels in adults	SORRELLS, SF CIBERNED	NATURE 555 (7696): 377-+ MAR 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	127

12	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	121
13	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	116
14	环状 RNA（circRNA）、微小核 苷酸（miRNA）与脑功能	Loss of a mammalian circular RNA locus causes miRNA deregulation 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	104
15	记忆的巩固	Engrams and circuits crucial for systems consolidation of a memory	KITAMURA, T HOWARD HUGHES MED	SCIENCE 356 (6333): 73-+ APR 7 2017	97

			INST	http://science.sciencemag.org/content/356/6333/73.full	
16	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	91
17	2018 年阿尔茨海默病的案例与数据	2018 Alzheimers disease facts and figures	Alzheimer's Assoc	ALZHEIMERS DEMENT 14 (3): 367-425 MAR 2018 https://www.sciencedirect.com/science/article/pii/S1552526018300414?via%3Dihub	88
18	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	85

				https://www.nature.com/articles/nrn.2017.62	
19	ApoE4 与 tau 蛋白介导的神经退行性病变	ApoE4 markedly exacerbates tau-mediated neurodegeneration in a mouse model of tauopathy	SHI, Y ASTRAZENECA	NATURE 549 (7673): 523-+ SEP 28 2017 https://www.ncbi.nlm.nih.gov/pubmed/28959956/	83
20	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	82
21	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	81

22	重性抑郁患者大脑皮层的异常：来自全球 20 个队列研究的结果	Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA major depressive disorder working group	SCHMAAL, L NA-AGAPLES DIAKONIEKLINIKUM ROTENBURG	MOL PSYCHIATR 22 (6): 900-909 JUN 2017 http://enigma.ini.usc.edu/wp-content/uploads/2016/06/mp201660a.pdf	80
23	一般人群中阻塞性睡眠呼吸暂停（Obstructive sleep apnea）的患病率	Prevalence of obstructive sleep apnea in the general population: a systematic review	SENARATNA, CV INST BREATHING SLEEP	SLEEP MED REV 34: 70-81 AUG 2017 http://www.smrjournal.com/article/S1087-0792(16)30064-8/abstract	76
24	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	74

25	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	73
26	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	72
27	综述: 蛋白质内稳态与神经退 行性病变	ER stress and the unfolded protein response in neurodegeneration	HETZ, C GEROSCI CTR BRAIN HLTH & METAB	NAT REV NEUROL 13 (8): 477-491 AUG 2017 https://www.nature.com/articles/nrneuro.2017.99	72
28	静息态功能连接 MRI	Towards a consensus regarding	MURPHY, K	NEUROIMAGE 154: 169-173 JUL 1	72

		global signal regression for resting state functional connectivity MRI	CARDIFF UNIV	2017 https://www.sciencedirect.com/science/article/pii/S1053811916306711	
29	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	72
30	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 disease	IADECOLA, C CORNELL UNIVERSITY	NEURON 96 (1): 17-42 SEP 27 2017 https://www.sciencedirect.com/science/article/pii/S0896627317306529	70
31	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/natu	68

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32	阿尔茨海默病和其他神经退行性疾病的血脑屏障破裂	Blood-brain barrier breakdown in Alzheimer disease and other neurodegenerative disorders	Sweeney, MD University of Southern California	NAT REV NEUROL 14 (3): 133-150 MAR 2018 https://www.nature.com/articles/nrneuro.2017.188	65
33	利用纤维束成像技术研究人脑连接组	The challenge of mapping the human connectome based on diffusion tractography	MAIER-HEIN, KH DQ CARDIFF UNIVERSITY	NAT COMMUN 8: - NOV 7 2017 https://www.nature.com/articles/s41467-017-01285-x	64
34	帕金森氏病	T cells from patients with Parkinsons disease recognize alpha-synuclein peptides	SULZER, D VANDERBILT UNIVERSITY	NATURE 546 (7660): 656+ JUN 29 2017 http://sulzerlab.org/pdf_articles/Sulzer2017_nature%20Tcells.pdf	64

35	光遗传学近红外深部脑刺激	Near-infrared deep brain stimulation via upconversion nanoparticle-mediated optogenetics	CHEN, S UNIVERSITY OF TOKYO	SCIENCE 359 (6376): 679-683 FEB 9 2018 http://science.sciencemag.org/content/359/6376/679.full	61
36	植入人诱导多能干细胞 (iPSC) 源多巴胺能神经元可以改善帕金森氏病模型猴的运动能力	Human iPSC cell-derived dopaminergic neurons function in a primate Parkinsons disease model	KIKUCHI, T KYOTO UNIVERSITY	NATURE 548 (7669): 592-+ AUG 31 2017 https://www.nature.com/articles/nature23664	61
37	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 research	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-X.pdf	60
38	综述: 淀粉样前体蛋白家族的生理功能	Not just amyloid: physiological functions of the amyloid precursor	MULLER, UC BRAUNSCHWEIG UNIV	NAT REV NEUROSCI 18 (5): 281-298 MAY 2017	60

		protein family	TECHNOL	https://www.nature.com/articles/nrn.2017.29	
39	帕金森氏病	The two-century journey of Parkinson disease research	PRZEDBORSKI, S COLUMBIA UNIVERSITY	NAT REV NEUROSCI 18 (4): 251-259 APR 2017 https://www.nature.com/articles/nrn.2017.25	54
40	小胶质细胞	Diverse requirements for microglial survival, specification, and function revealed by defined-medium cultures	BOHLEN, CJ STANFORD UNIVERSITY	NEURON 94 (4): 759+ MAY 17 2017 https://www.sciencedirect.com/science/article/pii/S0896627317304002	53
41	低剂量青霉素的使用对小鼠肠道微生物群、脑内细胞因子及行为的影响	Low-dose penicillin in early life induces long-term changes in murine gut microbiota, brain cytokines and behavior	LECLERCQ, S BAR ILAN UNIVERSITY	NAT COMMUN 8: - APR 4 2017 https://www.nature.com/articles/ncomms15062	52

42	前外侧运动皮层与运动维持	Maintenance of persistent activity in a frontal thalamocortical loop	GUO, ZCV HOWARD HUGHES MEDICAL INSTITUTE	NATURE 545 (7653): 181-+ MAY 11 2017 https://www.nature.com/articles/nature22324	51
43	更新美国神经病学学会 (American Academy of Neurology)轻度认知障碍指导方 针 (2001 版)	Practice guideline update summary: mild cognitive impairment: report of the guideline development, dissemination, and implementation subcommittee of the American Academy of Neurology	PETERSEN, RC NA-CHARLESTON AREA MED CTR	NEUROLOGY 90 (3): 126-135 JAN 16 2018 http://n.neurology.org/content/90/3/126	51
44	催产素与社会奖赏	Gating of social reward by oxytocin in the ventral tegmental area	HUNG, LW FLOREY INSTITUTE OF NEUROSCIENCE & MENTAL HEALTH;STANFORD UNIVERSITY	SCIENCE 357 (6358): 1406-1411 SEP 29 2017 http://science.sciencemag.org/content/357/6358/1406.full	45

45	独立阿尔茨海默症群体的多尺度分析发现人类疱疹病毒对分子、基因和临床网络的破坏	Multiscale analysis of independent Alzheimers cohorts finds disruption of molecular, genetic, and clinical networks by human herpesvirus	Readhead, B Icahn School of Medicine at Mount Sinai	NEURON 99 (1): 64-+ JUL 11 2018 https://www.sciencedirect.com/science/article/pii/S0896627318304215	44
46	多巴胺系统	The dopamine motive system: implications for drug and food addiction	Volkow, ND National Institutes of Health	NAT REV NEUROSCI 18 (12): 741-752 DEC 2017 https://www.nature.com/articles/nrn.2017.130	44
47	肠道微生物代谢与小胶质细胞和星形胶质细胞功能	Microglial control of astrocytes in response to microbial metabolites	Rothhammer, V Harvard University	NATURE 557 (7707): 724-+ MAY 31 2018 https://www.nature.com/articles/s41586-018-0119-x	41
48	睡眠时记忆的巩固	Thalamic spindles promote memory formation during sleep through triple	LATCHOUMANE, CFV EBERHARD KARLS	NEURON 95 (2): 424-+ JUL 19 2017	40

		phase-locking of cortical, thalamic, and hippocampal rhythms	UNIVERSITY OF TUBINGEN	https://www.sciencedirect.com/science/article/pii/S0896627317305494	
49	经颅电刺激大脑回路对大鼠和人类的直接影响	Direct effects of transcranial electric stimulation on brain circuits in rats and humans	Voroslakos, M Szegeged University	NAT COMMUN 9: - FEB 2 2018 https://www.nature.com/articles/s41467-018-02928-3.pdf	39
50	综述: 胰岛素抵抗与 II 型糖尿病和阿尔茨海默症	Brain insulin resistance in type 2 diabetes and Alzheimer disease: concepts and conundrums	ARNOLD, SE CITY UNIVERSITY OF NEW YORK (CUNY) SYSTEM	NAT REV NEUROL 14 (3): 168-181 MAR 2018 https://www.nature.com/articles/nrneuro.2017.185	39
51	正常老龄化诱导 A1-类星形胶质细胞反应性	Normal aging induces a1-like astrocyte reactivity	Clarke, LE Stanford University	PROC NAT ACAD SCI USA 115 (8): E1896-E1905 FEB 20 2018 https://www.pnas.org/content/pnas/115/8/E1896.full.pdf	37

52	抗抑郁药物治疗后细胞因子与趋化因子水平	Peripheral alterations in cytokine and chemokine levels after antidepressant drug treatment for major depressive disorder: systematic review and meta-analysis	Kohler, CA Universidade Federal do Ceara	MOL NEUROBIOL 55 (5): 4195-4206 MAY 2018 https://link.springer.com/article/10.1007%2Fs12035-017-0632-1	34
53	一种基于柔性有机电子器件的高灵敏度仿生触觉神经系统	A bioinspired flexible organic artificial afferent nerve	KIM, Y KYUNG HEE UNIVERSITY	SCIENCE 360 (6392): 998+ JUN 1 2018 http://science.sciencemag.org/content/360/6392/998.full	31
54	肌萎缩性脊髓侧索硬化症与额颞叶型痴呆	TDP-43 pathology disrupts nuclear pore complexes and nucleocytoplasmic transport in ALS/FTD	CHOU, CC BARROW NEURO INST	NAT NEUROSCI 21 (2): 228+ FEB 2018 https://www.nature.com/articles/s41593-017-0047-3	31
55	综述: 多发性硬化症	Multiple sclerosis: mechanisms and	BAECHER-ALLAN, C	NEURON 97 (4): 742-768 FEB 21	30

		immunotherapy	HARVARD UNIVERSITY	2018 https://www.sciencedirect.com/science/article/pii/S0896627318300461	
56	局部淀粉样蛋白沉积	In vivo staging of regional amyloid deposition	GROTHER, MJ ATHINOULA A MARTINOS CTR BIOMED IMAGING;VA BOSTON HEALTHCARE SYSTEM	NEUROLOGY 89 (20): 2031-2038 NOV 14 2017 https://n.neurology.org/content/neurology/89/20/2031.full.pdf	30
57	早产与结构性脑发育	Early development of structural networks and the impact of prematurity on brain connectivity	BATALLE, D KINGS COLLEGE LONDON	NEUROIMAGE 149: 379-392 APR 1 2017 https://www.sciencedirect.com/science/article/pii/S1053811917300885	30
58	早产与脑功能网络发育	Early development of functional network segregation revealed by connectomic analysis of the preterm	CAO, M BEIJING NORMAL UNIVERSITY	CEREB CORTEX 27 (3): 1949-1963 MAR 2017 https://academic.oup.com/cercor/arti	30

		human brain		cle/27/3/1949/3056304	
59	综述: 乳酸盐 (Lactate) 与大脑	Lactate in the brain: from metabolic end-product to signalling molecule	MAGISTRETTI, PJ ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE	NAT REV NEUROSCI 19 (4): 235-249 APR 2018 https://www.nature.com/articles/nrn.2018.19	29
60	脑膜淋巴系统功能与老龄化和阿尔茨海默症	Functional aspects of meningeal lymphatics in ageing and Alzheimers disease	DA MESQUITA, S UNIVERSITY OF TRENTO	NATURE 560 (7717): 185-+ AUG 9 2018 https://www.nature.com/articles/s41586-018-0368-8	28
61	脊髓性肌肉萎缩症 (Spinal muscular atrophy) 的诊断与管理	Diagnosis and management of spinal muscular atrophy: part 1: recommendations for diagnosis, rehabilitation, orthopedic and	MERCURI, E ASSISTANCE PUBLIQUE HOPITAUX PARIS (APHP);VA BOSTON	NEUROMUSCULAR DISORD 28 (2): 103-115 FEB 2018 https://www.sciencedirect.com/science/article/pii/S0960896617312841	27

		nutritional care	HEALTHCARE SYSTEM		
62	α 突触核蛋白病 (α - synucleinopathies)	Cellular milieu imparts distinct pathological alpha-synuclein strains in alpha-synucleinopathies	PENG, C UNIVERSITY OF PENNSYLVANIA	NATURE 557 (7706): 558-+ MAY 24 2018 https://www.nature.com/articles/s41586-018-0104-4	27
63	综述: 复杂性脑网络	Communication dynamics in complex brain networks	AVENA-KOENIGSBERGER, A INDIANA UNIVERSITY BLOOMINGTON	NAT REV NEUROSCI 19 (1): 17-33 JAN 2018 https://www.nature.com/articles/nrn.2017.149	25
64	阿尔茨海默病相关的 β -淀粉样蛋白	Alzheimers disease-associated beta-amyloid is rapidly seeded by herpesviridae to protect against brain infection	Eimer, WA Massachusetts General Hospital	NEURON 99 (1): 56-+ JUL 11 2018 https://www.sciencedirect.com/science/article/pii/S0896627318305269?via%3Dihub	25

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66	急性缺血性脑卒中的治疗	Maximizing first-pass complete reperfusion with SAVE	MAUS, V RWTH AACHEN UNIVERSITY	CLIN NEURORADIOL 28 (3): 327-338 SEP 2018 https://link.springer.com/article/10.1007/s00062-017-0566-z	20
67	综述: MOG 脑脊髓炎 (Myelin oligodendrocyte glycoprotein encephalomyelitis, MOG	MOG encephalomyelitis: international recommendations on diagnosis and antibody testing	JARIUS, S CHARITE MEDICAL UNIVERSITY OF BERLIN	J NEUROINFLAMM 15: - MAY 3 2018 https://jneuroinflammation.biomedce	19

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68	国际帕金森和运动障碍学会： 帕金森氏病运动系统症状的治 疗	International Parkinson and Movement Disorder Society evidence-based medicine review: update on treatments for the motor symptoms of Parkinsons disease	FOX, SH ACADEMIC MEDICAL CENTER AMSTERDAM,UNIVERSIT Y OF AMSTERDAM	MOVEMENT DISORD 33 (8): 1248-1266 AUG 2018 https://www.movementdisorders.org/MDS-Files1/Resources/PDFs/TreatmentsforMotorSymptomsofPD-2018.pdf	19
69	胆碱能系统与阿尔茨海默症	The cholinergic system in the pathophysiology and treatment of Alzheimers disease	HAMPEL, H ASSISTANCE PUBLIQUE HOPITAUX PARIS (APHP);UNIVERSITY OF RHODE ISLAND	BRAIN 141: 1917-1933 PART 7 JUL 2018 https://academic.oup.com/brain/article/141/7/1917/5023826	19
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71	抗癫痫药物	Comparative risk of major congenital malformations with eight different antiepileptic drugs: a prospective cohort study of the EURAP registry	TOMSON, T BELFAST HLTH & SOCIAL CARE TRUST;UTRECHT UNIVERSITY MEDICAL CENTER	LANCET NEUROL 17 (6): 530-538 JUN 2018 https://www.sciencedirect.com/science/article/pii/S1474442218301078	17
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76	慢性脑膜炎	Chronic meningitis investigated via metagenomic next-generation sequencing	WILSON, MR BOSTON CHILDREN&APOS;S HOSPITAL	JAMA NEUROL 75 (8): 947-955 AUG 2018 https://jamanetwork.com/journals/jamaneurology/fullarticle/2678438	13

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78	综述: 深度学习与计算机视觉 (Computer vision)	Deep learning for computer vision: a brief review	VOULODIMOS, A NATIONAL TECHNICAL UNIVERSITY OF ATHENS	COMPUT INTELL NEUROSCI : - 2018 https://www.hindawi.com/journals/cin/2018/7068349/	12
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81	皮肤电学传导 (Electrochemical skin conductance) 检测泌汗障碍 (sudomotor dysfunction)	Electrochemical skin conductance: a systematic review	NOVAK, P HARVARD UNIVERSITY	CLIN AUTON RES 29 (1): 17-29 FEB 2019 https://link.springer.com/article/10.1007/s10286-017-0467-x	10
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85	综述：从定量生物学（Quantitative biological）角度研究神经精神病学	A quantitative approach to neuropsychiatry: the why and the how	KAS, MJ BOEHRINGER INGELHEIM;VRIJE UNIVERSITEIT AMSTERDAM	NEUROSCI BIOBEHAV REV 97: 3-9 SP. ISS. SI FEB 2019 https://www.sciencedirect.com/science/article/pii/S0149763417305341	8
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89	综述: 溶酶体 (Lysosome) 与神经退行性疾病	Lysosome trafficking and signaling in health and neurodegenerative diseases	LIE, PPY NATHAN KLINE INSTITUTE FOR PSYCHIATRIC RESEARCH	NEUROBIOL DISEASE 122: 94- 105 SP. ISS. SI FEB 2019 https://www.sciencedirect.com/science/article/pii/S0969996118301530	7

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93	综述: 生活方式干预与认知受损、痴呆、阿尔茨海默症	Lifestyle interventions to prevent cognitive impairment, dementia and	KIVIPELTO, M	NAT REV NEUROL 14 (11): 653- 666 NOV 2018	5

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94	冲动性觅药 (Compulsive drug seeking)	Punishment of alcohol-reinforced responding in alcohol preferring P rats reveals a bimodal population: implications for models of compulsive drug seeking	MARCHANT, NJ FLOREY INSTITUTE OF NEUROSCIENCE & MENTAL HEALTH	PROG NEURO-PSYCH BIOL PSYCH 87: 68-77 PART A DEC 20 2018 https://www.sciencedirect.com/science/article/pii/S0278584617303366	5
95	环境线索与觅药行为(Drug seeking)	Context-induced relapse after extinction versus punishment: similarities and differences	MARCHANT, NJ FLOREY INSTITUTE OF NEUROSCIENCE & MENTAL HEALTH;VU UNIVERSITY MEDICAL CENTER	PSYCHOPHARMACOLOGY 236 (1): 439-448 JAN 2019 https://link.springer.com/article/10.1007/s00213-018-4929-1	4
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