

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

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——基于 2021 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 2018 年 10 月至 2020 年 10 月发表的文章中, 在 2020 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 2021 年 3 月 25 日。

本期发布神经科学与行为领域热点文章 119 篇, 其中首次入榜文章 33 篇。单篇最高被引 1066 次, 最低被引 5 次。被引 1066 次的文章发表在 *JAMA Neurology* 上, 标题为“Neurologic Manifestations of Hospitalized Patients With Coronavirus Disease 2019 in Wuhan, China”, 第一作者为华中科技大学的 Ling Mao, 研究介绍了新冠肺炎患者的神经系统症状。首次入榜的 33 篇中单篇最高被引 131 次的文章标题为“Prenatal Developmental Origins Of Behavior And Mental Health: The Influence Of Maternal Stress In Pregnancy”, 发表在 *Neuroscience And Biobehavioral Reviews* 上, 第一作者是来自比利时鲁汶大学的 Bea R.H. van den Bergh, 文章报告了妊娠期母亲的压力、抑郁和焦虑对后代的身体发育、神经发育和认知能力产生不良影响。

首次入榜文章有:

- 29: 行为和心理健康的产前发育起源:妊娠期母亲压力的影响;
- 45: 行为和心理健康的产前发育起源:神经系统疾病中髓鞘少突胶质细胞糖蛋白抗体的影响;
- 62: 神经炎症通路作为癫痫的治疗靶点和生物标志物;
- 63: ICD-11 慢性疼痛的 IASP 分类:慢性神经性疼痛;
- 65: 新出现的 COVID-19 神经病学谱系:临床、放射学和实验室结果;
- 78: 精神病院住院患者在新型冠状病毒肺炎方面的感染风险及预防;
- 84: 疫情隔离对意大利民众的睡眠质量、焦虑和心理困扰造成影响;
- 86: COVID-19 独特临床特征:局灶性癫痫持续状态;
- 93: COVID-19 感染对神经的影响;
- 101: Covid-19 患者与流感患者的缺血性脑卒中风险;
- 115: 德国 COVID-19 患者的神经病理学。

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 2021 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	新冠肺炎患者的神经系统症状	NEUROLOGIC MANIFESTATIONS OF HOSPITALIZED PATIENTS WITH CORONAVIRUS DISEASE 2019 IN WUHAN, CHINA	MAO, L BARROW NEUROLOGICAL INSTITUTE	JAMA NEUROLOGY 77 (6): 683-690 JUN 2020 https://jamanetwork.com/journals/jamaneurology/fullarticle/2764549	1066
2	阿尔茨海默症的公共卫生影响	2019 ALZHEIMERS DISEASE FACTS AND FIGURES	GAUGLER, J ALZHEIMER'S ASSOCIATION	ALZHEIMERS & DEMENTIA 15 (3): 321-387 MAR 2019 https://alz-journals.onlinelibrary.wiley.com/doi/full/10.1016/j.jalz.2019.01.010	445
3	急性缺血性卒中早期管理指导 方针	GUIDELINES FOR THE EARLY MANAGEMENT OF PATIENTS WITH ACUTE ISCHEMIC STROKE: 2019 UPDATE TO THE 2018 GUIDELINES FOR THE EARLY MANAGEMENT OF ACUTE ISCHEMIC STROKE: A GUIDELINE FOR HEALTHCARE PROFESSIONALS FROM THE	POWERS, WJ UNIV N CAROLINA	STROKE 50 (12): E344-E418 DEC 2019 https://www.ahajournals.org/doi/10.1161/STR.0000000000000211	343

		AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION			
4	1990-2016 年间, 卒中的全球负担	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF STROKE, 1990-2016: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2016	JOHNSON, CO UNIV WASHINGTON	LANCET NEUROLOGY 18 (5): 439-458 MAY 2019 https://www.thelancet.com/pdfs/journals/laneur/PIIS1474-4422(19)30034-1.pdf	294
5	1990-2016 年间, 神经系统疾病的全球、局部和国家负担	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF NEUROLOGICAL DISORDERS, 1990-2016: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2016	FEIGIN, VL AUCKLAND UNIV TECHNOL	LANCET NEUROLOGY 18 (5): 459-480 MAY 2019 https://ntnuopen.ntnu.no/ntnu-xmlui/bitstream/handle/11250/2641488/PIIS147444221830499X.pdf?sequence=1	287
6	1990-2016 年间, 阿尔茨海默症的全球、局部和国家负担	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF ALZHEIMERS DISEASE AND OTHER DEMENTIAS, 1990-2016: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2016	NICHOLS, E UNIV WASHINGTON	LANCET NEUROLOGY 18 (1): 88-106 JAN 2019 https://www.thelancet.com/pdfs/journals/laneur/PIIS1474-4422(18)30403-4.pdf	276

7	牙龈卟啉单胞菌与阿尔茨海默症	PORPHYROMONAS GINGIVALIS IN ALZHEIMERS DISEASE BRAINS: EVIDENCE FOR DISEASE CAUSATION AND TREATMENT WITH SMALL-MOLECULE INHIBITORS	DOMINY, SS VA BOSTON HEALTHCARE SYSTEM	SCIENCE ADVANCES 5 (1): - JAN 2019 https://advances.sciencemag.org/content/5/1/eaau3333.full	269
8	新冠病毒对神经系统的影响	NERVOUS SYSTEM INVOLVEMENT AFTER INFECTION WITH COVID-19 AND OTHER CORONAVIRUSES	WU, YS THE FIRST AFFILIATED HOSPITAL OF NANJING MEDICAL UNIVERSIT	BRAIN BEHAVIOR AND IMMUNITY 87: 18-22 JUL 2020 https://www.sciencedirect.com/science/article/pii/S0889159120303573?via%3Dihub	261
9	中国新冠肺炎疫情与一般群体的心理健康水平	A LONGITUDINAL STUDY ON THE MENTAL HEALTH OF GENERAL POPULATION DURING THE COVID-19 EPIDEMIC IN CHINA	WANG, CY HANOI MEDICAL UNIVERSITY	BRAIN BEHAVIOR AND IMMUNITY 87: 40-48 JUL 2020 WANG, CY HANOI MEDICAL UNIVERSITY BRAIN BEHAVIOR AND IMMUNITY 87: 40-48 JUL 2020 https://www.sciencedirect.com/science/article/pii/S0889159120305110	229
10	线粒体自噬抑制阿尔茨海默症的B淀粉样蛋白和 TAU 蛋白病变, 逆转认知功能障碍	MITOPHAGY INHIBITS AMYLOID-BETA AND TAU PATHOLOGY AND REVERSES COGNITIVE DEFICITS IN MODELS OF ALZHEIMERS DISEASE	FANG, EF UNIVERSITY OF OXFORD	NATURE NEUROSCIENCE 22 (3): 401-+ MAR 2019 https://www.nature.com/articles/s41593-018-0332-9	205

11	SLIDE-SEQ: 一种具有高空间分辨率的基因表达模式的测量技术	SLIDE-SEQ: A SCALABLE TECHNOLOGY FOR MEASURING GENOME-WIDE EXPRESSION AT HIGH SPATIAL RESOLUTION	RODRIGUES, SG BROAD INSTITUTE	SCIENCE 363 (6434): 1463-+ MAR 29 2019 https://science.sciencemag.org/content/363/6434/1463.full	200
12	阿尔茨海默症单细胞转录组学分析	SINGLE-CELL TRANSCRIPTOMIC ANALYSIS OF ALZHEIMERS DISEASE	MATHYS, H BROAD INSTITUTE	NATURE 570 (7761): 332-+ JUN 20 2019 https://www.nature.com/articles/s41586-019-1195-2	198
13	单细胞分辨尺度上小鼠与人脑小胶质细胞的时空异质性	SPATIAL AND TEMPORAL HETEROGENEITY OF MOUSE AND HUMAN MICROGLIA AT SINGLE-CELL RESOLUTION	MASUDA, T CHARITE MEDICAL UNIVERSITY OF BERLIN	NATURE 566 (7744): 388-392 FEB 21 2019 https://www.nature.com/articles/s41586-019-0924-x	187
14	CBTRUS 统计报告: 2012-2016 年间美国确诊原发性脑及其他中枢神经系统肿瘤	CBTRUS STATISTICAL REPORT: PRIMARY BRAIN AND OTHER CENTRAL NERVOUS SYSTEM TUMORS DIAGNOSED IN THE UNITED STATES IN 2012-2016	OSTROM, QT BAYLOR COLLEGE OF MEDICINE	NEURO-ONCOLOGY 21: V1-V100 SUPPL. 5 OCT 2019 https://academic.oup.com/neuro-oncology/article/21/Supplement_5/v1/5610892	183
15	边缘为主年龄相关 TDP-43 脑病	LIMBIC-PREDOMINANT AGE-RELATED TDP-43 ENCEPHALOPATHY (LATE): CONSENSUS WORKING GROUP REPORT	NELSON, PT UPPSALA UNIVERSITY	BRAIN 142: 1503-1527 PART 6 JUN 2019 https://www.repository.cam.ac.uk/bitstream/handle/1810/290624/awz099.pdf?sequence=4&isAllowed=y	172
16	国际疾病国际分类 (ICD-11) 中慢性疼痛的 IASP 分类	CHRONIC PAIN AS A SYMPTOM OR A DISEASE: THE IASP CLASSIFICATION OF CHRONIC	TREEDE, RD HEIDELBERG UNIVERSITY	PAIN 160 (1): 19-27 JAN 2019 https://journals.lww.com/pain/Fulltext/2019/01000/Chronic_pain_as_a_sy	163

		PAIN FOR THE INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-11)		mptom_or_a_disease_the_IASP.3.a spx	
17	综述: 阿尔茨海默症B淀粉样蛋白靶向治疗	A CRITICAL APPRAISAL OF AMYLOID-BETA TARGETING THERAPIES FOR ALZHEIMER DISEASE	PANZA, F UNIVERSITY OF BARI	NATURE REVIEWS NEUROLOGY 15 (2): 73-88 FEB 2019 https://www.nature.com/articles/s41582-018-0116-6	160
18	病理性A-SYN 蛋白的跨神经增殖: 从肠道到大脑塑造帕金森	TRANSNEURONAL PROPAGATION OF PATHOLOGIC ALPHA-SYNUCLEIN FROM THE GUT TO THE BRAIN MODELS PARKINSONS DISEASE	KIM, S UNIVERSITY OF ALABAMA SYSTEM	NEURON 103 (4): 627-+ AUG 21 2019 https://www.sciencedirect.com/science/article/pii/S089662731930488X?via%3Dihub	160
19	综述: 氧化应激、葡萄糖代谢异常与阿尔茨海默症	OXIDATIVE STRESS, DYSFUNCTIONAL GLUCOSE METABOLISM AND ALZHEIMER DISEASE	BUTTERFIELD, DA NATIONAL UNIVERSITY OF SINGAPORE	NAT REV NEUROSCI 20 (3): 148-160 MAR 2019 https://www.nature.com/articles/s41583-019-0132-6	156
20	美国多发性硬化症的患病率统计	THE PREVALENCE OF MS IN THE UNITED STATES A POPULATION-BASED ESTIMATE USING HEALTH CLAIMS DATA	WALLIN, MT BROWN UNIVERSITY	NEUROLOGY 92 (10): E1029-E1040 MAR 5 2019 https://n.neurology.org/content/92/10/e1029	152
21	新冠肺炎疫情与医务人员和	VICARIOUS TRAUMATIZATION	LI, ZY	BRAIN BEHAVIOR AND	149

	般公众的替代性创伤水平	IN THE GENERAL PUBLIC, MEMBERS, AND NON-MEMBERS OF MEDICAL TEAMS AIDING IN COVID-19 CONTROL	CHIBA UNIVERSITY	IMMUNITY 88: 916-919 AUG 2020 https://www.sciencedirect.com/science/article/pii/S0889159120303093?via%3Dihub	
22	使用单核 RNA 测序分析颞中回细胞类型	CONSERVED CELL TYPES WITH DIVERGENT FEATURES IN HUMAN VERSUS MOUSE CORTEX	HODGE, RD ALLEN INSTITUTE FOR BRAIN SCIENCE	NATURE 573 (7772): 61-+ SEP 5 2019 https://www.nature.com/articles/s41586-019-1506-7	147
23	新冠肺炎患者的中枢神经系统症状	CENTRAL NERVOUS SYSTEM MANIFESTATIONS OF COVID-19: A SYSTEMATIC REVIEW	ASADI-POOYA, AA JEFFERSON UNIVERSITY	JOURNAL OF THE NEUROLOGICAL SCIENCES 413: - JUN 15 2020 https://www.sciencedirect.com/science/article/pii/S0022510X20301684	141
24	新冠肺炎疫情期间, 医护人员的身心健康状况	A MULTINATIONAL, MULTICENTRE STUDY ON THE PSYCHOLOGICAL OUTCOMES AND ASSOCIATED PHYSICAL SYMPTOMS AMONGST HEALTHCARE WORKERS DURING COVID-19 OUTBREAK	CHEW, NWS ATHENS MEDICAL SCHOOL	BRAIN BEHAVIOR AND IMMUNITY 88: 559-565 AUG 2020 https://www.sciencedirect.com/science/article/pii/S0889159120303093?via%3Dihub	140
25	新冠肺炎疫情期间, 医务工作者抑郁、焦虑、失眠等的患病率	PREVALENCE OF DEPRESSION, ANXIETY, AND INSOMNIA AMONG HEALTHCARE WORKERS DURING THE	PAPPA, S NA-EVAGGELISMOS HOSPITAL	BRAIN BEHAVIOR AND IMMUNITY 88: 901-907 AUG 2020 https://www.sciencedirect.com/science/article/pii/S088915912030845X?via%3Dihub	139

		COVID-19 PANDEMIC: A SYSTEMATIC REVIEW AND META-ANALYSIS		ia%3Dihub	
26	新冠肺炎疫情期间, 武汉医务工作者的心理健康状况	IMPACT ON MENTAL HEALTH AND PERCEPTIONS OF PSYCHOLOGICAL CARE AMONG MEDICAL AND NURSING STAFF IN WUHAN DURING THE 2019 NOVEL CORONAVIRUS DISEASE OUTBREAK: A CROSS-SECTIONAL STUDY	KANG, LJ HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY	BRAIN BEHAVIOR AND IMMUNITY 87: 11-17 JUL 2020 https://www.sciencedirect.com/science/article/pii/S0889159120303482?via%3Dihub	137
27	1990-2016 年间, 多发性硬化症的全球、区域、国家负担	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF MULTIPLE SCLEROSIS 1990-2016: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2016	WALLIN, MT AGA KHAN UNIVERSITY	LANCET NEUROLOGY 18 (3): 269-285 MAR 2019 https://www.thelancet.com/journals/laneur/article/PIIS1474-4422(18)30443-5/fulltext	137
28	衰老与神经退行性疾病	AGEING AS A RISK FACTOR FOR NEURODEGENERATIVE DISEASE	HOU, YJ NATIONAL INSTITUTES OF HEALTH (NIH) - USA	NATURE REVIEWS NEUROLOGY 15 (10): 565-581 OCT 2019 https://www.nature.com/articles/s41582-019-0244-7	134
29	行为和心理健康的产前发育起源: 妊娠期母亲压力的影响	PRENATAL DEVELOPMENTAL ORIGINS OF BEHAVIOR AND	VAN DEN BERGH, BRH KATHOLIEKE UNIV	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 117:	131

		MENTAL HEALTH: THE INFLUENCE OF MATERNAL STRESS IN PREGNANCY	LEUVEN	26-64 SP. ISS. SI OCT 2020 https://helda.helsinki.fi/bitstream/handle/10138/324796/Van_den_Bergh_et_al_prenatal_developmental_origins_author_accepted_version.pdf;jsessionid=354E6D1C0FC528445C15808466C55880?sequence=1	
30	特发性快速眼动睡眠行为障碍的痴呆和帕金森症的风险和预测因素	RISK AND PREDICTORS OF DEMENTIA AND PARKINSONISM IN IDIOPATHIC REM SLEEP BEHAVIOUR DISORDER: A MULTICENTRE STUDY	POSTUMA, RB VITA-SALUTE SAN RAFFAELE UNIVERSITY	BRAIN 142: 744-759 PART 3 MAR 2019 https://academic.oup.com/brain/article/142/3/744/5353011	124
31	帕金森氏病的新风险位点的识别、因果分析和遗传风险	IDENTIFICATION OF NOVEL RISK LOCI, CAUSAL INSIGHTS, AND HERITABLE RISK FOR PARKINSONS DISEASE: A META-ANALYSIS OF GENOME-WIDE ASSOCIATION STUDIES	NALLS, MA VAN ANDEL INSTITUTE	LANCET NEUROLOGY 18 (12): 1091-1102 DEC 2019 https://helda.helsinki.fi/bitstream/handle/10138/323872/1_s2.0_S1474442219303205_main.pdf?sequence=1	123
32	自发行为与全脑神经活动	SPONTANEOUS BEHAVIORS DRIVE MULTIDIMENSIONAL, BRAINWIDE ACTIVITY	STRINGER, C UNIVERSITY OF WASHINGTON SEATTLE	SCIENCE 364 (6437): 255-+ APR 19 2019 https://science.sciencemag.org/content/364/6437/eaav7893.full	120
33	新冠对格林-巴利综合征的影响	GUILLAIN BARRE SYNDROME ASSOCIATED WITH COVID-19	SEDAGHAT, Z MAZANDARAN	JOURNAL OF CLINICAL NEUROSCIENCE 76: 233-235 JUN	120

		INFECTION: A CASE REPORT	UNIVERSITY MEDICAL SCIENCES	2020 https://www.sciencedirect.com/science/article/pii/S0967586820308821?via%3Dihub	
34	帕金森病中的 LEWY 病理学由拥挤的细胞和脂质膜组成	LEWY PATHOLOGY IN PARKINSONS DISEASE CONSISTS OF CROWDED ORGANELLES AND LIPID MEMBRANES	SHAHMORADIAN, SH ERASMUS UNIVERSITY MEDICAL CENTER	NATURE NEUROSCIENCE 22 (7): 1099-+ JUL 2019 http://www.nature.com/psych.remotes.cn/articles/s41593-019-0423-2	118
35	多发性硬化症	MULTIPLE SCLEROSIS - A REVIEW	DOBSON, R UNIVERSITY OF LONDON	EUROPEAN JOURNAL OF NEUROLOGY 26 (1): 27-40 JAN 2019 https://onlinelibrary.wiley.com/doi/pdfdirect/10.1111/ene.13819	118
36	美国阿尔茨海默症的疾病负担	2020 ALZHEIMERS DISEASE FACTS AND FIGURES	[ANONYMOUS]	ALZHEIMERS & DEMENTIA 16 (3): 391-460 MAR 2020 https://alz-journals.onlinelibrary.wiley.com/doi/full/10.1002/alz.12068	117
37	新冠肺炎与急性卒中	COVID-19 PRESENTING AS STROKE	AVULA, A MAIMONIDES MEDICAL CENTER	BRAIN BEHAVIOR AND IMMUNITY 87: 115-119 JUL 2020 http://europepmc.org/backend/ptpmcrender.fcgi?accid=PMC7187846&blobtype=pdf	112
38	NLRP3 炎症小体与阿尔茨海默症	NLRP3 INFLAMMASOME ACTIVATION DRIVES TAU PATHOLOGY	ISING, C UNIVERSITY OF TEXAS SYSTEM	NATURE 575 (7784): 669-+ NOV 28 2019 https://www.nature.com/articles/s415	109

				86-019-1769-z	
39	定义和调查认知储备, 大脑储备和大脑维护	WHITEPAPER: DEFINING AND INVESTIGATING COGNITIVE RESERVE, BRAIN RESERVE, AND BRAIN MAINTENANCE	STERN, Y COLUMBIA UNIV	ALZHEIMERS & DEMENTIA 16 (9): 1305-1311 SEP 2020 https://www.sciencedirect.com/science/article/pii/S1552526018334915	109
40	深脑刺激成像	LEAD-DBS V2: TOWARDS A COMPREHENSIVE PIPELINE FOR DEEP BRAIN STIMULATION IMAGING	HORN, A WAYNE STATE UNIVERSITY	NEUROIMAGE 184: 293-316 JAN 1 2019 https://www.sciencedirect.com/science/article/pii/S1053811918307663	106
41	小鼠大脑巨噬细胞的单细胞图谱揭示了由本体发育和组织环境形成的独特转录特性	A SINGLE-CELL ATLAS OF MOUSE BRAIN MACROPHAGES REVEALS UNIQUE TRANSCRIPTIONAL IDENTITIES SHAPED BY ONTOGENY AND TISSUE ENVIRONMENT	VAN HOVE, H VRIJE UNIVERSITEIT BRUSSEL	NATURE NEUROSCIENCE 22 (6): 1021-1035 JUN 2019 https://www.nature.com/articles/s41593-019-0393-4	103
42	MRTRIX3: 用于医学影像处理、分析和可视化的开源、跨平台软件包	MRTRIX3: A FAST, FLEXIBLE AND OPEN SOFTWARE FRAMEWORK FOR MEDICAL IMAGE PROCESSING AND VISUALISATION	TOURNIER, JD UNIVERSITY OF MELBOURNE	NEUROIMAGE 202: - NOV 15 2019 https://www.sciencedirect.com/science/article/pii/S1053811919307281	99
43	在阿尔茨海默病模型中, 衰老溶解疗法缓解B相关的少突胶质细胞祖细胞衰老和认知缺陷	SENOLYTIC THERAPY ALLEVIATES A BETA-ASSOCIATED OLIGODENDROCYTE PROGENITOR CELL	ZHANG, PS JOHNS HOPKINS UNIVERSITY	NATURE NEUROSCIENCE 22 (5): 719-+ MAY 2019 http://www.nature.com.psych.remote.xs.cn/articles/s41593-019-0372-9	98

		SENESCENCE AND COGNITIVE DEFICITS IN AN ALZHEIMERS DISEASE MODEL			
44	在 COVID-19 传播和封城期间, 精神病患者是否会出现更多的精神症状	DO PSYCHIATRIC PATIENTS EXPERIENCE MORE PSYCHIATRIC SYMPTOMS DURING COVID-19 PANDEMIC AND LOCKDOWN? A CASE-CONTROL STUDY WITH SERVICE AND RESEARCH IMPLICATIONS FOR IMMUNOPSYCHIATRY	HAO, FY FIRST PEOPLES HOSP CHONGQING LIANG JIANG NEW AREA	BRAIN BEHAVIOR AND IMMUNITY 87: 100-106 JUL 2020 https://www.sciencedirect.com/science/article/pii/S0889159120306267	96
45	行为和心理健康的产前发育起源: 神经系统疾病中髓鞘少突胶质细胞糖蛋白抗体的影响	MYELIN OLIGODENDROCYTE GLYCOPROTEIN ANTIBODIES IN NEUROLOGICAL DISEASE	REINDL, M MEDICAL UNIVERSITY OF INNSBRUCK	NATURE REVIEWS NEUROLOGY 15 (2): 89-102 FEB 2019 https://www.nature.com/articles/s41582-018-0112-x	94
46	胶质瘤与神经回路的电和突触整合	ELECTRICAL AND SYNAPTIC INTEGRATION OF GLIOMA INTO NEURAL CIRCUITS	VENKATESH, HS UNIVERSITY OF MICHIGAN SYSTEM	NATURE 573 (7775): 539-+ SEP 26 2019 https://www.nature.com/articles/s41586-019-1563-y	94
47	阿尔茨海默症的血管因素	AMYLOID BETA OLIGOMERS CONSTRICT HUMAN CAPILLARIES IN ALZHEIMERS DISEASE VIA SIGNALING TO PERICYTES	NORTLEY, R CHARITE MEDICAL UNIVERSITY OF BERLIN	SCIENCE 365 (6450): 250-+ SP. ISS. SI JUL 19 2019 https://science.sciencemag.org/content/365/6450/eaav9518.full	93

48	COVID-19 的神经学联系	NEUROLOGICAL ASSOCIATIONS OF COVID-19	ELLUL, MA UNIV LIVERPOOL	LANCET NEUROLOGY 19 (9): 767-783 SEP 2020 https://www.thelancet.com/pdfs/journals/laneur/PIIS1474-4422(20)30221-0.pdf	93
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88	小胶质细胞对系统性炎症引起的血脑屏障通透性的双重影响	DUAL MICROGLIA EFFECTS ON BLOOD BRAIN BARRIER PERMEABILITY INDUCED BY SYSTEMIC INFLAMMATION	HARUWAKA, K KOBE UNIV	NATURE COMMUNICATIONS 10: - DEC 20 2019 https://www.nature.com/articles/s41467-019-13812-z	42
89	用于经颅电刺激的全自动化开源流程软件——ROAST	REALISTIC VOLUMETRIC-APPROACH TO SIMULATE TRANSCRANIAL ELECTRIC STIMULATION-ROAST-A FULLY AUTOMATED OPEN-SOURCE PIPELINE	HUANG, Y CITY UNIVERSITY OF NEW YORK	JOURNAL OF NEURAL ENGINEERING 16 (5): - OCT 2019 https://iopscience.iop.org/article/10.1088/1741-2552/ab208d/pdf	41
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95	低密度脂蛋白受体相关蛋白 1 与 TAU 蛋白病理	LRP1 IS A MASTER REGULATOR OF TAU UPTAKE AND SPREAD	RAUCH, JN CALIFORNIA INSTITUTE OF TECHNOLOGY	NATURE 580 (7803): 381-+ APR 16 2020 https://www.nature.com/articles/s41586-020-2156-5.pdf	37
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98	自体免疫和神经退行性中枢神经系统疾病中的 B 细胞	B CELLS IN AUTOIMMUNE AND NEURODEGENERATIVE CENTRAL NERVOUS SYSTEM DISEASES	SABATINO, JJ UNIVERSITY OF CALIFORNIA SYSTEM	NATURE REVIEWS NEUROSCIENCE 20 (12): 728-745 DEC 2019 https://www.nature.com/articles/s41583-019-0233-2	32
99	记忆印迹的研究进展	MEMORY ENGRAMS: RECALLING THE PAST AND IMAGINING THE FUTURE	JOSSELYN, SA HOSP SICK CHILDREN	SCIENCE 367 (6473): 39-+ JAN 3 2020 https://science.sciencemag.org/content/sci/367/6473/eaaw4325.full.pdf	32
100	患有再生障碍性贫血的患者与 COVID-19 相关的急性坏死性脑病	COVID-19-RELATED ACUTE NECROTIZING ENCEPHALOPATHY WITH BRAIN STEM INVOLVEMENT IN A PATIENT WITH APLASTIC ANEMIA	DIXON, L IMPERIAL COLL HEALTHCARE NHS TRUST	NEUROLOGY-NEUROIMMUNOLOGY & NEUROINFLAMMATION 7 (5): - SEP 2020 https://nn.neurology.org/content/nnn/7/5/e789.full.pdf	32
101	COVID-19 患者与流感患者的缺血性脑卒中风险	RISK OF ISCHEMIC STROKE IN PATIENTS WITH CORONAVIRUS DISEASE 2019 (COVID-19) VS PATIENTS WITH INFLUENZA	MERKLER, AE CORNELL UNIVERSITY	JAMA NEUROLOGY 77 (11): 1366-1372 NOV 2020 https://jamanetwork.com/journals/jamaneurology/fullarticle/2768098	32
102	格林-巴利综合征: COVID-19	GUILLAIN-BARRE SYNDROME:	DALAKAS, MC	NEUROLOGY-NEUROIMMUNOL	30

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104	静息功能磁共振成像中时变功能连接的问题与争议	QUESTIONS AND CONTROVERSIES IN THE STUDY OF TIME-VARYING FUNCTIONAL CONNECTIVITY IN RESTING FMRI	LURIE, DJ UNIVERSITY OF CALIFORNIA SYSTEM	NETWORK NEUROSCIENCE 4 (1): 30-69 2020 https://direct.mit.edu/netn/article/4/1/30/95807/Questions-and-controversies-in-the-study-of-time	27
105	关于未来中枢神经系统肿瘤分类和分级的诊断推荐原则	CIMPACT-NOW UPDATE 6: NEW ENTITY AND DIAGNOSTIC PRINCIPLE RECOMMENDATIONS OF THE CIMPACT-UTRECHT MEETING ON FUTURE CNS TUMOR CLASSIFICATION AND GRADING	LOUIS, DN HARVARD UNIVERSITY	BRAIN PATHOLOGY 30 (4): 844-856 JUL 2020 https://onlinelibrary.wiley.com/doi/full/10.1111/bpa.12832	26

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108	髓鞘寡突细胞糖蛋白自身抗体伴中枢神经系统炎性脱髓鞘病的病理	THE PATHOLOGY OF CENTRAL NERVOUS SYSTEM INFLAMMATORY DEMYELINATING DISEASE ACCOMPANYING MYELIN OLIGODENDROCYTE GLYCOPROTEIN AUTOANTIBODY	HOFTBERGER, R MEDICAL UNIVERSITY OF VIENNA	ACTA NEUROPATHOLOGICA 139 (5): 875-892 MAY 2020 https://link.springer.com/content/pdf/10.1007/s00401-020-02132-y.pdf	23
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