

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 2022 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 2019 年 8 月至 2021 年 8 月发表的文章中，在 2021 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 2022 年 1 月 13 日。

本期发布神经科学与行为领域热点文章 113 篇，其中首次入榜文章 30 篇。单篇最高被引 2350 次，最低被引 6 次。华中科技大学联合美国圣约瑟夫医院的科研人员在 *JAMA NEUROLOGY* 发表的文章“NEUROLOGIC MANIFESTATIONS OF HOSPITALIZED PATIENTS WITH CORONAVIRUS DISEASE 2019 IN WUHAN, CHINA”在本期热点论文数据中被引频次最高。首次入榜的 30 篇中单篇最高被引 116 次的文章标题为“A DEEP LEARNING FRAMEWORK FOR NEUROSCIENCE”，发表在 *NATURE NEUROSCIENCE* 上，文章介绍了神经科学中的深度学习框架。

首次入榜文章有：

- 55: A β 和 TAU 蛋白在阿尔茨海默病中的协同作用；
- 67: 缺血性卒中、脑出血和蛛网膜下腔出血带来的社会负担；
- 71: 目前使用的抗癫痫药物的作用机制；
- 75: 全球多发性硬化症的流行率上升:来自多发性硬化症图集的，第三版；
- 85: 阿尔茨海默病中选择性脆弱神经元的分子特征；
- 100: 阿尔茨海默病的临床诊断：国际工作组的建议；
- 103: 新冠疫苗接种后出现格林-巴利综合征变异；
- 104: 新冠疫苗接种后出现格林-巴利综合征；
- 113: 接种新冠疫苗后出现患有长节段横贯性脊髓炎的病例；

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 2022 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	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 HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY	JAMA NEUROLOGY 77 (6): 683-690 JUN 2020 https://jamanetwork.com/journals/jamaneurology/fullarticle/2764549	2350
2	偏执型妄想障碍中的异常灰质体积和大脑皮质表面	ABERRANT GRAY MATTER VOLUME AND CORTICAL SURFACE IN PARANOID-TYPE DELUSIONAL DISORDER	WOLF, RC HEIDELBERG UNIV	NEUROPSYCHOBIOLOGY 79 (4-5): 335-344 JUL 2020 https://www.karger.com/article/abstract/505601	1087
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 AMERICAN HEART	POWERS, WJ UNIV N CAROLINA	STROKE 50 (12): E344-E418 DEC 2019 https://www.ahajournals.org/doi/10.1161/str.000000000000211	786

		ASSOCIATION/AMERICAN STROKE ASSOCIATION			
4	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 https://www.sciencedirect.com/science/article/pii/S0889159120305110	735
5	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 COVID-19 PANDEMIC: A SYSTEMATIC REVIEW AND META-ANALYSIS	PAPPA, S NA-EVAGGELISMOS HOSPITAL	BRAIN BEHAVIOR AND IMMUNITY 88: 901-907 AUG 2020 https://www.sciencedirect.com/science/article/pii/S088915912030845x?via%3Dihub	692
6	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	619
7	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/	567

				s0889159120303573?via%3dihub	
8	新冠疫情与精神健康	COVID-19 PANDEMIC AND MENTAL HEALTH CONSEQUENCES: SYSTEMATIC REVIEW OF THE CURRENT EVIDENCE	VINDEGAARD, N COPENHAGEN UNIV HOSP	BRAIN BEHAVIOR AND IMMUNITY 89: 531-542 OCT 2020 https://www.sciencedirect.com/science/article/pii/S0889159120309545	516
9	COVID-19 的神经学关联	NEUROLOGICAL ASSOCIATIONS OF COVID-19	ELLUL, MA UNIV LIVERPOOL	LANCET NEUROLOGY 19 (9): 767-783 SEP 2020 https://www.thelancet.com/pdfs/journals/laneur/pis1474-4422(20)30221-0.pdf	516
10	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	420
11	西班牙 2020 年 COVID-19 大流行初始阶段的心理健康	MENTAL HEALTH CONSEQUENCES DURING THE INITIAL STAGE OF THE 2020 CORONAVIRUS PANDEMIC (COVID-19) IN SPAIN	GONZALEZ-SANGUINO, C UNIV COMPLUTENSE MADRID	BRAIN BEHAVIOR AND IMMUNITY 87: 172-176 JUL 2020 https://www.sciencedirect.com/science/article/pii/S0889159120303093?via%3dihub	368

				t.com/science/article/pii/s0889159120308126	
12	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	340
13	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	336
14	新出现的新冠神经病学谱系:临床、放射学和实验室结果	THE EMERGING SPECTRUM OF COVID-19 NEUROLOGY: CLINICAL, RADIOLOGICAL AND LABORATORY FINDINGS	PATERSON, RW UCL	BRAIN 143: 3104-3120 PART 10 OCT 2020 https://academic.oup.com/brain/article/143/10/3104/5868408	287
15	在新冠爆发和封城期间，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	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/S0889159120308126	282

		CASE-CONTROL STUDY WITH SERVICE AND RESEARCH IMPLICATIONS FOR IMMUNOPSYCHIATRY		t.com/science/article/pii/s0889159120306267	
16	新冠肺炎相关的神 经精神疾病	ARE WE FACING A CRASHING WAVE OF NEUROPSYCHIATRIC SEQUELAE OF COVID-19? NEUROPSYCHIATRIC SYMPTOMS AND POTENTIAL IMMUNOLOGIC MECHANISMS	TROYER, EA UNIVERSITY OF CALIFORNIA SAN DIEGO	BRAIN BEHAVIOR AND IMMUNITY 87: 34-39 JUL 2020 https://www.sciencedirect.com/science/article/pii/S088915912030489X?via%3Dihub	261
17	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	254
18	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	240
19	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/	240

				articles/s41586-019-1769-z	
20	新冠疫情所致居家隔离期间的睡眠问题	DEALING WITH SLEEP PROBLEMS DURING HOME CONFINEMENT DUE TO THE COVID-19 OUTBREAK: PRACTICAL RECOMMENDATIONS FROM A TASK FORCE OF THE EUROPEAN CBT-I ACADEMY	ALTENA, E UNIVERSITY OF OXFORD	JOURNAL OF SLEEP RESEARCH : - MAY 4 2020 https://onlinelibrary.wiley.com/doi/pdfdirect/10.1111/jsr.13052	234
21	意大利新冠封城期间睡眠模式、时间感和数字媒体使用的变化	CHANGES IN SLEEP PATTERN, SENSE OF TIME AND DIGITAL MEDIA USE DURING COVID-19 LOCKDOWN IN ITALY	CELLINI, N UNIV PADUA	JOURNAL OF SLEEP RESEARCH 29 (4): - AUG 2020 https://onlinelibrary.wiley.com/doi/pdfdirect/10.1111/jsr.13074	233
22	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	227
23	帕金森病	PARKINSON DISEASE	BALESTRINO, R UNIV TURIN	EUROPEAN JOURNAL OF NEUROLOGY 27 (1): 27-42 JAN 2020 https://onlinelibrary.wiley.com/doi/10.1111/ene.14108	222

24	德国 COVID-19 患者的神经病理学	NEUROPATHOLOGY OF PATIENTS WITH COVID-19 IN GERMANY: A POST-MORTEM CASE SERIES	MATSCHKE, J UNIVERSITY OF HAMBURG	LANCET NEUROLOGY 19 (11): 919-929 NOV 2020 https://www.thelancet.com/pdfs/journals/laneur/pis1474-4422(20)30308-2.pdf	216
25	血脑屏障功能障碍与认知功能下降	APOE4 LEADS TO BLOOD-BRAIN BARRIER DYSFUNCTION PREDICTING COGNITIVE DECLINE	MONTAGNE, A WASHINGTON UNIVERSITY (WUSTL)	NATURE 581 (7806): 70-+ MAY 7 2020 https://www.ncbi.nlm.nih.gov/pmc/articles/pmc7250000/	191
26	新冠病毒穿过嗅粘膜侵入中枢神经系统	OLFACTORY TRANSMUCOSAL SARS-COV-2 INVASION AS A PORT OF CENTRAL NERVOUS SYSTEM ENTRY IN INDIVIDUALS WITH COVID-19	MEINHARDT, J CHARITE UNIV MED BERLIN	NATURE NEUROSCIENCE 24 (2): 168 FEB 2021 https://www.nature.com/articles/s41593-020-00758-5	186
27	重复经颅磁刺激的循证治疗指导方针	EVIDENCE-BASED GUIDELINES ON THE THERAPEUTIC USE OF REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (RTMS): AN UPDATE (2014-2018)	LEFAUCHEUR, JP ASSISTANCE PUBLIQUE HOPITAUX PARIS (APHP)	CLINICAL NEUROPHYSIOLOGY 131 (2): 474-528 FEB 2020 https://www.sciencedirect.com/science/article/pii/S1388245719312799?via%3Dihub	182

28	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	THE ENEMY WHO SEALED THE WORLD: EFFECTS QUARANTINE DUE TO THE COVID-19 ON SLEEP QUALITY, ANXIETY, AND PSYCHOLOGICAL DISTRESS IN THE ITALIAN POPULATION	CASAGRANDE, M SAPIENZA UNIVERSITY OF ROME	SLEEP MEDICINE 75: 12-20 NOV 2020 https://www.sciencedirect.com/science/article/pii/S1389945720302136?via%3Dihub	180
29	国际疼痛研究协会对疼痛定义的修订: 概念、挑战和妥协	THE REVISED INTERNATIONAL ASSOCIATION FOR THE STUDY OF PAIN DEFINITION OF PAIN: CONCEPTS, CHALLENGES, AND COMPROMISES	RAJA, SN JOHNS HOPKINS UNIV	PAIN 161 (9): 1976-1982 SEP 2020 https://journals.lww.com/pain/abstract/2020/09000/the_revised_international_association_for_the.6.aspx?wt.mc_id=hpxadx20100319xmp	179
30	新冠幸存者的焦虑和抑郁: 炎症和临床预测因素的作用	ANXIETY AND DEPRESSION IN COVID-19 SURVIVORS: ROLE OF INFLAMMATORY AND CLINICAL PREDICTORS	MAZZA, MG OSPED SAN RAFFAELEY	BRAIN BEHAVIOR AND IMMUNITY 89: 594-600 OCT 2020 https://onlinelibrary.wiley.com/doi/10.1002/brb3.1745	179
31	COVID-19 感染后的急性脑血管疾病	ACUTE CEREBROVASCULAR DISEASE FOLLOWING COVID-19: A SINGLE CENTER, RETROSPECTIVE, OBSERVATIONAL STUDY	LI, YN HUAZHONG UNIV SCI & TECHNOL	STROKE AND VASCULAR NEUROLOGY 5 (3): 279-284 SEP 2020 https://svn.bmj.com/content/svnbmj/5/3/279.full.p	173

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32	血液磷酸化 TAU 181 作为阿尔茨海默症的生物标志物	BLOOD PHOSPHORYLATED TAU 181 AS A BIOMARKER FOR ALZHEIMERS DISEASE: A DIAGNOSTIC PERFORMANCE AND PREDICTION MODELLING DATA FROM FOUR COHORTS	KARIKARI, TK UNIV GOTHENBURG	LANCET NEUROLOGY 19 (5): 422-433 MAY 2020 https://www.thelancet.com/journals/laneur/article/pii1474-4422(20)30071-5/fulltext	148
33	大麻使用与神经系统疾病	CANNABINOIDS AND THE EXPANDED ENDOCANNABINOID SYSTEM IN NEUROLOGICAL DISORDERS	CRISTINO, L LAVAL UNIVERSITY	NATURE REVIEWS NEUROLOGY 16 (1): 9-29 JAN 2020 https://realmofcaring.org/wp-content/uploads/2020/03/cannabinoids-and-the-expanded-endocannabinoid-system-in-neurological-disorders.pdf	147
34	不同团队分析单一神经影像数据集的多变性	VARIABILITY IN THE ANALYSIS OF A SINGLE NEUROIMAGING DATASET BY MANY TEAMS	BOTVINIK-NEZER, R TEL AVIV UNIV	NATURE 582 (7810): 84-+ JUN 4 2020 https://www.nature.com/articles/s41586-020-2314-9	145
35	新冠病毒和多发性硬化症患者的临床特征和结果	CLINICAL CHARACTERISTICS AND OUTCOMES IN PATIENTS WITH CORONAVIRUS DISEASE 2019 AND MULTIPLE SCLEROSIS	LOUAPRE, C SORBONNE UNIV	JAMA NEUROLOGY 77 (9): 1079-1088 SEP 2020 https://jamanetwork.com	140

				/journals/jamaneurology/ fullarticle/2767776	
36	通过神经计算实现 基于峰值的机器智 能	TOWARDS SPIKE-BASED MACHINE INTELLIGENCE WITH NEUROMORPHIC COMPUTING	ROY, K PURDUE UNIV	NATURE 575 (7784): 607-617 NOV 28 2019 https://www.nature.com/ articles/s41586-019-167 7-2	138
37	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/s41467-019-138 12-z	134
38	神经学家和精神病 学家关于抗 NMDA 受体脑炎方面研究 的最新进展	AN UPDATE ON ANTI-NMDA RECEPTOR ENCEPHALITIS FOR NEUROLOGISTS AND PSYCHIATRISTS: MECHANISMS AND MODELS	DALMAU, J UNIVERSITY OF PENNSYLVANIA	LANCET NEUROLOGY 18 (11): 1045-1057 NOV 2019 https://www.thelancet.co m/journals/laneur/article/ piis1474-4422(19)30244 -3/fulltext	132
39	阿尔茨海默症患者 内嗅皮层的单细胞 图谱	A SINGLE-CELL ATLAS OF ENTORHINAL CORTEX FROM INDIVIDUALS WITH ALZHEIMERS DISEASE REVEALS CELL-TYPE-SPECIFIC GENE EXPRESSION REGULATION	GRUBMAN, A NA-AUSTRALIAN REGENERATIVE MEDICINE INSTITUTE	NATURE NEUROSCIENCE 22 (12): 2087 DEC 2019 https://www.nature.com/ articles/s41593-019-053 9-4	132

40	TAU 蛋白与皮层基底节退行性病变	NOVEL TAU FILAMENT FOLD IN CORTICOBASAL DEGENERATION	ZHANG, WJ INDIANA UNIVERSITY BLOOMINGTON	NATURE 580 (7802): 283-+ APR 2020 https://www.nature.com/articles/s41586-020-2043-0.pdf	128
41	多发性硬化症的药物治疗	INFECTION RISKS AMONG PATIENTS WITH MULTIPLE SCLEROSIS TREATED WITH FINGOLIMOD, NATALIZUMAB, RITUXIMAB, AND INJECTABLE THERAPIES	LUNA, G UPPSALA UNIVERSITY	JAMA NEUROLOGY 77 (2): 184-191 FEB 2020 https://jamanetwork.com/journals/jamaneurology/fullarticle/2752284	127
42	肠道微生物组与神经系统疾病	THE GUT MICROBIOME IN NEUROLOGICAL DISORDERS	CRYAN, JF UNIVERSITY COLLEGE CORK	LANCET NEUROLOGY 19 (2): 179-194 FEB 2020 https://www.sciencedirect.com/science/article/pii/S1474442219303564	123
43	神经科学中的深度学习框架	A DEEP LEARNING FRAMEWORK FOR NEUROSCIENCE	RICHARDS, BA MILA	NATURE NEUROSCIENCE 22 (11): 1761-1770 NOV 2019 https://www.nature.com/articles/s41593-019-0520-2	116
44	来自多系统萎缩症的A-突触核蛋白丝	STRUCTURES OF ALPHA-SYNUCLEIN FILAMENTS FROM MULTIPLE	SCHWEIGHAUSER, M MRC LAB MOL BIOL	NATURE 585 (7825): 464-+ SEP 17 2020	115

	结构	SYSTEM ATROPHY		https://www.nature.com/articles/s41586-020-2317-6	
45	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	114
46	反应性星形胶质细胞的命名、定义和未来发展方向	REACTIVE ASTROCYTE NOMENCLATURE, DEFINITIONS, AND FUTURE DIRECTIONS	ESCARTIN, C UNIV PARIS SACLAY	NATURE NEUROSCIENCE 24 (3): 312-325 MAR 2021 https://www.nature.com/articles/s41593-020-00783-4	113
47	小胶质细胞-神经元之间的通信机制	MICROGLIA MONITOR AND PROTECT NEURONAL FUNCTION THROUGH SPECIALIZED SOMATIC PURINERGIC JUNCTIONS	CSEREP, C COLORADO STATE UNIVERSITY	SCIENCE 367 (6477): 528-+ JAN 31 2020 https://science.sciencemag.org/content/367/6477/528.full	109
48	COVID-19 的神经系统并发症	NEUROLOGICAL COMPLICATIONS OF CORONAVIRUS AND COVID-19	CAROD-ARTAL, FJ RAIGMORE HOSP	REVISTA DE NEUROLOGIA 70 (9): 311-322 MAY 1 2020 https://www.neurologia.com/articulo/2020179	108
49	阿尔茨海默症和衰	DISEASE-ASSOCIATED ASTROCYTES	HABIB, N	NATURE	106

	老中与疾病相关的星形胶质细胞	IN ALZHEIMERS DISEASE AND AGING	HEBREW UNIV JERUSALEM	NEUROSCIENCE 23 (6): 701-+ JUN 2020 https://www.nature.com/articles/s41593-020-0624-8	
50	在新冠疫情期间管理慢性疼痛患者:考虑快速引入远程疼痛管理服务	MANAGING PATIENTS WITH CHRONIC PAIN DURING THE COVID-19 OUTBREAK: CONSIDERATIONS FOR THE RAPID INTRODUCTION OF REMOTELY SUPPORTED (EHEALTH) PAIN MANAGEMENT SERVICES	ECCLESTON, C UNIV BATH	PAIN 161 (5): 889-893 MAY 2020 https://journals.lww.com/pain/citation/2020/05000/managing_patients_with_chronic_pain_during_the.3.aspx	104
51	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	103
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108	新冠爆发期间的食品购买和饮食行为:一项针对俄罗斯成年人的横断面调查	FOOD PURCHASE AND EATING BEHAVIOR DURING THE COVID-19 PANDEMIC: A CROSS-SECTIONAL SURVEY OF RUSSIAN ADULTS	BEN HASSEN, T QATAR UNIV	APPETITE 165: - OCT 1 2021 https://www.sciencedirect.com/science/article/pii/S0195666321002166?via%3Dihub	10
109	基于数字孪生的半监督支持向量机的脑图像融合技术	SEMI-SUPERVISED SUPPORT VECTOR MACHINE FOR DIGITAL TWINS BASED BRAIN IMAGE FUSION	WAN, ZB QINGDAO UNIV	FRONTIERS IN NEUROSCIENCE 15: - JUL 9 2021 https://www.frontiersin.org/articles/10.3389/fnins.2021.705323/full	9
110	静脉注射免疫球蛋白可治疗疼痛性特发性小纤维神经病	INTRAVENOUS IMMUNOGLOBULIN THERAPY IN PATIENTS WITH PAINFUL IDIOPATHIC SMALL FIBER NEUROPATHY	GEERTS, M MAASTRICHT UNIV	NEUROLOGY 96 (20): E2534-E2545 MAY 18 2021 https://n.neurology.org/content/96/20/e2534	9
111	异八聚体 AMPA 谷氨酸受体的门控和调节机制	GATING AND MODULATION OF A HETERO-OCTAMERIC AMPA GLUTAMATE RECEPTOR	ZHANG, DY MRC LAB MOL BIOL	NATURE 594 (7863): 454-+ JUN 17 2021 https://www.nature.com/articles/s41586-021-036	8

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