



神经科学与行为领域 热点论文

04

2022
11月第4期（总65期）



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ESI中神经科学与行为领域 热点论文信息推送

——基于2022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2019年12月至2021年12月发表的文章中，在2022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2022年5月12日。

本期发布神经科学与行为领域热点文章128篇，其中首次入榜文章49篇。单篇最高被引2992次，最低被引3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49篇中单篇最高被引319次的文章标题为“THE ARRIVE GUIDELINES 2.0: UPDATED GUIDELINES FOR REPORTING ANIMAL RESEARCH*”，发表在JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM上，文章介绍了ARRIVE指南2.0，即动物研究报告指南。

在以往脑卒中热点论文中，大部分全球的脑卒中研究由美国华盛顿大学、奥克兰理工大学等主导，主要研究脑卒中的全球负担。中国的脑卒中统计报告第一次进入热点论文榜单中，我国在该领域的研究也逐渐受到了国际的重视，或可为国际卒中的诊断和治疗提供中国本土化经验。

首次入榜文章有：

52：2019年中国脑卒中统计报告；

57：新冠封城期间西班牙阿尔茨海默病患者的神经精神症状和生活质量；

78：2020年更新的管理重症肌无力国际共识指南；

79：21世纪包括新冠在内的传染病导致的创伤后应激障碍的流行率；

100：欧洲神经科学学会/周围神经学会：慢性炎性脱髓鞘性多发性神经根神经病的诊断和治疗指南；

101：成人慢性失眠症的行为和心理治疗(美国睡眠医学学会)；

·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）。

ESI 2022年5月更新的更新的神经科学与行为领域热点

序号	文章主题	题目	第一作者及其单位	出处	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	2992
2	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	952
3	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	885
4	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	789
5	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	730
6	新冠的神经学关联	NEUROLOGICAL ASSOCIATIONS OF COVID-19	ELLUL, MA UNIV LIVERPOOL	LANCET NEUROLOGY 19 (9): 767-783 SEP 2020	648
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	634
8	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 NATL UNIV HLTH SYST	BRAIN BEHAVIOR AND IMMUNITY 88: 559-565 AUG 2020	529
9	2020年西班牙新冠疫情初期的心理健康后果	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	454

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序号	文章主题	题目	第一作者及其单位	出处	单篇被引
10	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	425
11	新冠肺炎疫情与医务人员和一般公众的替代性创伤水平	VICARIOUS TRAUMATIZATION IN THE GENERAL PUBLIC, MEMBERS, AND NON-MEMBERS OF MEDICAL TEAMS AIDING IN COVID-19 CONTROL	LI, ZY CHIBA UNIVERSITY	BRAIN BEHAVIOR AND IMMUNITY 88: 916-919 AUG 2020	390
12	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	371
13	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 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	356
14	ARRIVE指南2.0:动物研究报告指南*	THE ARRIVE GUIDELINES 2.0: UPDATED GUIDELINES FOR REPORTING ANIMAL RESEARCH*	DU SERT, NP NC3RS	JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM 40 (9): 1769-1777 SEP 2020	319
15	德国新冠患者的神经病理学	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	296
16	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	292
17	2021年WHO对中枢神经系统肿瘤的分类	THE 2021 WHO CLASSIFICATION OF TUMORS OF THE CENTRAL NERVOUS SYSTEM: A SUMMARY	LOUIS, DN MASSACHUSETTS GEN HOSP	NEURO-ONCOLOGY 23 (8): 1231-1251 AUG 2021	291
18	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	285
19	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	283
20	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	271

注: 红色字体为首次入榜的热点论文。

序号	文章主题	题目	第一作者及其单位	出处	单篇被引
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	270
22	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	269
23	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 MENTAL HEALTH: THE INFLUENCE OF MATERNAL STRESS IN PREGNANCY	VAN DEN BERGH, BRH KATHOLIEKE UNIV LEUVEN	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 117: 26-64 SP. ISS. SI OCT 2020	260
24	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	251
25	疫情隔离对意大利民众的睡眠质量、焦虑和心理困扰的影响	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	229
26	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	202
27	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	201
28	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	194
29	新冠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	189
30	主观认知能力下降的特征	THE CHARACTERISATION OF SUBJECTIVE COGNITIVE DECLINE	JESSEN, F UNIV COLOGNE	LANCET NEUROLOGY 19 (3): 271-278 MAR 2020	171

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31	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	151
32	阿尔茨海默病的神经炎症和小胶质细胞激活	NEUROINFLAMMATION AND MICROGLIAL ACTIVATION IN ALZHEIMER DISEASE: WHERE DO WE GO FROM HERE?	LENG, FD IMPERIAL COLL LONDON	NATURE REVIEWS NEUROLOGY 17 (3): 157- 172 MAR 2021	147
33	A β 和TAU蛋白在阿尔茨海默病中的协同作用	SYNERGY BETWEEN AMYLOID-BETA AND TAU IN ALZHEIMERS DISEASE	BUSCHE, MA UCL	NATURE NEUROSCIENCE 23 (10): 1183-1193 OCT 2020	147
34	英国成年人在新冠封城期间的肥胖、饮食行为和体育活动	OBESITY, EATING BEHAVIOR AND PHYSICAL ACTIVITY DURING COVID-19 LOCKDOWN: A STUDY OF UK ADULTS	ROBINSON, E UNIV LIVERPOOL	APPETITE 156: - JAN 1 2021	144
35	在单细胞分辨率下识别区域特异性星形胶质细胞亚型	IDENTIFICATION OF REGION-SPECIFIC ASTROCYTE SUBTYPES AT SINGLE CELL RESOLUTION	BATIUK, MY VIB KU LEUVEN	NATURE COMMUNICATIONS 11 (1): - MAR 5 2020	141
36	阿尔茨海默病发病机制中的线粒体功能障碍	MITOCHONDRIA DYSFUNCTION IN THE PATHOGENESIS OF ALZHEIMERS DISEASE: RECENT ADVANCES	WANG, WZ CASE WESTERN RESERVE UNIV	MOLECULAR NEURODEGENERATION 15 (1): - MAY 29 2020	131
37	新冠患者的常见神经表现和脑病相关发病率	FREQUENT NEUROLOGIC MANIFESTATIONS AND ENCEPHALOPATHY-ASSOCIATED MORBIDITY IN COVID-19 PATIENTS	LIOTTA, EM NORTHWESTERN UNIV	ANNALS OF CLINICAL AND TRANSLATIONAL NEUROLOGY 7 (11): 2221-2230 NOV 2020	129
38	疾病修正疗法对确诊新冠的多发性硬化症患者的效果	DISEASE-MODIFYING THERAPIES AND CORONAVIRUS DISEASE 2019 SEVERITY IN MULTIPLE SCLEROSIS	SORMANI, MP UNIV GENOA	ANNALS OF NEUROLOGY 89 (4): 780- 789 APR 2021	128
39	奥克瑞珠单抗对多发性硬化患者疫苗反应的影响	EFFECT OF OCRELIZUMAB ON VACCINE RESPONSES IN PATIENTS WITH MULTIPLE SCLEROSIS THE VELOCE STUDY	BAR-OR, A UNIV PENN	NEUROLOGY 95 (14): E1999-E2008 OCT 6 2020	124
40	小胶质细胞对神经元活动的负反馈控制	NEGATIVE FEEDBACK CONTROL OF NEURONAL ACTIVITY BY MICROGLIA	BADIMON, A ICAHN SCH MED MT SINAI	NATURE 586 (7829): 417- + OCT 15 2020	121

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41	缺血性卒中、脑出血和蛛网膜下腔出血带来的社会负担	GLOBAL, REGIONAL AND COUNTRY-SPECIFIC BURDEN OF ISCHAEMIC STROKE, INTRACEREBRAL HAEMORRHAGE AND SUBARACHNOID HAEMORRHAGE: A SYSTEMATIC ANALYSIS OF THE GLOBAL BURDEN OF DISEASE STUDY 2017	KRISHNAMURTHI, RV AUCKLAND UNIV TECHNOL	NEUROEPIDEMIOLOGY 54 (2): 171-179 MAR 2020	110
42	神经退行性疾病中的神经炎症:小胶质细胞和星形胶质细胞的作用	NEUROINFLAMMATION IN NEURODEGENERATIVE DISORDERS: THE ROLES OF MICROGLIA AND ASTROCYTES	KWON, HS HANYANG UNIV	TRANSLATIONAL NEURODEGENERATION 9 (1): - DEC 26 2020	110
43	意识过程与全脑神经元工作空间假说	CONSCIOUS PROCESSING AND THE GLOBAL NEURONAL WORKSPACE HYPOTHESIS	MASHOUR, GA UNIV MICHIGAN	NEURON 105 (5): 776-798 MAR 4 2020	108
44	卒中后脑水肿主要源于脑脊液涌入	CEREBROSPINAL FLUID INFLUX DRIVES ACUTE ISCHEMIC TISSUE SWELLING	MESTRE, H UNIV ROCHESTER	SCIENCE 367 (6483): 1211-+ MAR 13 2020	106
45	多发性硬化患者对COVID-19 mRNA疫苗的体液免疫应答	HUMORAL IMMUNE RESPONSE TO COVID-19 MRNA VACCINE IN PATIENTS WITH MULTIPLE SCLEROSIS TREATED WITH HIGH-EFFICACY DISEASE-MODIFYING THERAPIES	ACHIRON, A SHEBA MED CTR	THERAPEUTIC ADVANCES IN NEUROLOGICAL DISORDERS 14: - 2021	102
46	新冠病毒刺突蛋白改变人血脑屏障二维静态和三维微流体体外模型的屏障功能	THE SARS-COV-2 SPIKE PROTEIN ALTERS BARRIER FUNCTION IN 2D STATIC AND 3D MICROFLUIDIC IN-VITRO MODELS OF THE HUMAN BLOOD-BRAIN BARRIER	BUZHIDYGAN, TP TEMPLE UNIV	NEUROBIOLOGY OF DISEASE 146: - DEC 2020	101
47	全球多发性硬化症的流行率上升	RISING PREVALENCE OF MULTIPLE SCLEROSIS WORLDWIDE: INSIGHTS FROM THE ATLAS OF MS, THIRD EDITION	WALTON, C MULTIPLE SCLEROSIS I NT FEDERAT	MULTIPLE SCLEROSIS JOURNAL 26 (14): 1816-1821 DEC 2020	94
48	英国居民新冠疫苗犹豫	PREDICTORS OF COVID-19 VACCINE HESITANCY IN THE UK HOUSEHOLD LONGITUDINAL STUDY	ROBERTSON, E UNIV GLASGOW	BRAIN BEHAVIOR AND IMMUNITY 94: 41-50 MAY 2021	93
49	新冠爆发期间的睡眠问题	SLEEP PROBLEMS DURING THE COVID-19 PANDEMIC BY POPULATION: A SYSTEMATIC REVIEW AND META-ANALYSIS	JAHRAMI, H MINIST HLTH	JOURNAL OF CLINICAL SLEEP MEDICINE 17 (2): 299-313 FEB 1 2021	93
50	中枢神经系统炎症中的星形细胞串扰	ASTROCYTE CROSSTALK IN CNS INFLAMMATION	LINNERBAUER, M HARVARD MED SCH	NEURON 108 (4): 608-622 NOV 25 2020	84

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序号	文章主题	题目	第一作者及其单位	出处	单篇被引
51	2021年卒中和短暂性脑缺血发作患者的卒中预防指南:美国心脏协会/美国卒中协会指南	2021 GUIDELINE FOR THE PREVENTION OF STROKE IN PATIENTS WITH STROKE AND TRANSIENT ISCHEMIC ATTACK: A GUIDELINE FROM THE AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION	KLEINDORFER, DO UNIV MICHIGAN	STROKE 52 (7): E364- E467 JUL 2021	83
52	2019年中国脑卒中统计报告	CHINA STROKE STATISTICS 2019: A REPORT FROM THE NATIONAL CENTER FOR HEALTHCARE QUALITY MANAGEMENT IN NEUROLOGICAL DISEASES, CHINA NATIONAL CLINICAL RESEARCH CENTER FOR NEUROLOGICAL DISEASES, THE CHINESE STROKE ASSOCIATION, NATIONAL CENTER FOR CHRONIC AND NON-COMMUNICABLE DISEASE CONTROL AND PREVENTION, CHINESE CENTER FOR DISEASE CONTROL AND PREVENTION AND INSTITUTE FOR GLOBAL NEUROSCIENCE AND STROKE COLLABORATIONS	WANG, YJ CAPITAL MED UNIV	STROKE AND VASCULAR NEUROLOGY 5 (3): 211- 239 SEP 2020	80
53	面对新冠疫情, 卫生专业人员的心理健康风险是什么?	HEALTH PROFESSIONALS FACING THE CORONAVIRUS DISEASE 2019 (COVID-19) PANDEMIC: WHAT ARE THE MENTAL HEALTH RISKS?	EL-HAGE, W CHRU TOURS	ENCEPHALE-REVUE DE PSYCHIATRIE CLINIQUE BIOLOGIQUE ET THERAPEUTIQUE 46 (3): S73-S80 SUPPL. S JUN 2020	78
54	未能证明阿杜卡尼单抗的有效性:对2019年12月生物基因报告和参与试验的分析	FAILURE TO DEMONSTRATE EFFICACY OF ADUCANUMAB: AN ANALYSIS OF THE EMERGE AND ENGAGE TRIALS AS REPORTED BY BIOGEN, DECEMBER 2019	KNOPMAN, DS MAYO CLIN	ALZHEIMERS & DEMENTIA 17 (4): 696- 701 APR 2021	77
55	阿尔茨海默症中的 BETA分泌酶BACE1	THE BETA-SECRETASE BACE1 IN ALZHEIMERS DISEASE	HAMPEL, H EISAI INC	BIOLOGICAL PSYCHIATRY 89 (8): 745-756 SP. ISS. SI APR 15 2021	77
56	健康被试者和患者人群使用经颅磁刺激的安全性和建议, 以及培训、伦理和监管问题	SAFETY AND RECOMMENDATIONS FOR TMS USE IN HEALTHY SUBJECTS AND PATIENT POPULATIONS, WITH UPDATES ON TRAINING, ETHICAL AND REGULATORY ISSUES: EXPERT GUIDELINES	ROSSI, S UNIV SIENA	CLINICAL NEUROPHYSIOLOGY 132 (1): 269-306 JAN 2021	74
57	新冠封城期间西班牙阿尔茨海默病患者的神经精神症状和生活质量	NEUROPSYCHIATRIC SYMPTOMS AND QUALITY OF LIFE IN SPANISH PATIENTS WITH ALZHEIMERS DISEASE DURING THE COVID-19 LOCKDOWN	LARA, B SANTA MARIA UNIV HOSP	EUROPEAN JOURNAL OF NEUROLOGY 27 (9): 1744-1747 SEP 2020	74
58	抗抑郁药物的使用与新冠住院患者插管或死亡风险降低的相关性:来自一项观察性研究的结果	ASSOCIATION BETWEEN ANTIDEPRESSANT USE AND REDUCED RISK OF INTUBATION OR DEATH IN HOSPITALIZED PATIENTS WITH COVID-19: RESULTS FROM AN OBSERVATIONAL STUDY	HOERTEL, N UNIV PSYCHIAT & ADDICTOL	MOLECULAR PSYCHIATRY : - FEB 4 2021	72

注: 红色字体为首次入榜的热点论文。

序号	文章主题	题目	第一作者及其单位	出处	单篇被引
59	健康和患病时外侧缰核的回路和功能	CIRCUITS AND FUNCTIONS OF THE LATERAL HABENULA IN HEALTH AND IN DISEASE	HU, HL ZHEJIANG UNIV	NATURE REVIEWS NEUROSCIENCE 21 (5): 277-295 MAY 2020	70
60	恢复髓样细胞的新陈代谢可以逆转老年认知衰退	RESTORING METABOLISM OF MYELOID CELLS REVERSES COGNITIVE DECLINE IN AGEING	MINHAS, PS STANFORD UNIV	NATURE : - JAN 20 2021	67
61	北美多发性硬化症患者感染新冠的后果和危险因素	OUTCOMES AND RISK FACTORS ASSOCIATED WITH SARS-COV-2 INFECTION IN A NORTH AMERICAN REGISTRY OF PATIENTS WITH MULTIPLE SCLEROSIS	SALTER, A WASHINGTON UNIV	JAMA NEUROLOGY 78 (6): 699-708 JUN 2021	67
62	概化危机: 随机效应的不规范性	THE GENERALIZABILITY CRISIS	YARKONI, T UNIV TEXAS AUSTIN	BEHAVIORAL AND BRAIN SCIENCES 45: - FEB 10 2022	65
63	新冠爆发期间, 年轻人更容易受到压力、焦虑和抑郁的影响: 一项全球横断面调查	YOUNGER PEOPLE ARE MORE VULNERABLE TO STRESS, ANXIETY AND DEPRESSION DURING COVID-19 PANDEMIC: A GLOBAL CROSS-SECTIONAL SURVEY	VARMA, P MONASH UNIV	PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY 109: - JUL 13 2021	64
64	载脂蛋白E与阿尔茨海默病: 遗传学、病理生理学和治疗方法进展	APOE AND ALZHEIMERS DISEASE: ADVANCES IN GENETICS, PATHOPHYSIOLOGY, AND THERAPEUTIC APPROACHES	SERRANO-POZO, A MASSACHUSETTS GEN HOSP	LANCET NEUROLOGY 20 (1): 68-80 JAN 2021	60
65	新冠爆发期间的焦虑流行率: 基于社区研究的最新元分析	PREVALENCE OF ANXIETY IN THE COVID-19 PANDEMIC: AN UPDATED META-ANALYSIS OF COMMUNITY-BASED STUDIES	SANTABARBARA, J UNIV ZARAGOZA	PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY 109: - JUL 13 2021	56
66	非住院新冠病毒长期携带者存在持续的神经症状和认知功能障碍	PERSISTENT NEUROLOGIC SYMPTOMS AND COGNITIVE DYSFUNCTION IN NON-HOSPITALIZED COVID-19 LONG HAULERS	GRAHAM, EL NORTHWESTERN UNIV	ANNALS OF CLINICAL AND TRANSLATIONAL NEUROLOGY 8 (5): 1073-1085 MAY 2021	54
67	新冠封城期间饮酒与心理健康: 一项针对英国成年人的横向研究	ALCOHOL USE AND MENTAL HEALTH DURING COVID-19 LOCKDOWN: A CROSS-SECTIONAL STUDY IN A SAMPLE OF UK ADULTS	JACOB, L CIBERSAM	DRUG AND ALCOHOL DEPENDENCE 219: - FEB 1 2021	52
68	对帕金森氏病肠道微生物群的元分析表明, 肠道微生物群改变与肠道炎症有关	META-ANALYSIS OF THE PARKINSONS DISEASE GUT MICROBIOME SUGGESTS ALTERATIONS LINKED TO INTESTINAL INFLAMMATION	ROMANO, S QUADRAM INST BIOSCI	NPJ PARKINSONS DISEASE 7 (1): - MAR 10 2021	52

注: 红色字体为首次入榜的热点论文。

ESI中神经科学与行为领域热点分析

序号	文章主题	题目	第一作者及其单位	出处	单篇被引
69	血浆P-TAU231: 早期阿尔茨海默病病理的新生物标志物	PLASMA P-TAU231: A NEW BIOMARKER FOR INCIPIENT ALZHEIMERS DISEASE PATHOLOGY	ASHTON, NJ UNIV GOTHENBURG	ACTA NEUROPATHOLOGICA 141 (5): 709-724 MAY 2021	49
70	将性别视为生物变量需要科研文化的变革	CONSIDERING SEX AS A BIOLOGICAL VARIABLE WILL REQUIRE A GLOBAL SHIFT IN SCIENCE CULTURE	SHANSKY, RM NORTHEASTERN UNIV	NATURE NEUROSCIENCE 24 (4): 457-464 APR 2021	48
71	LECANEMAB, 一种抗AB原纤维的抗体的2期临床试验	A RANDOMIZED, DOUBLE-BLIND, PHASE 2B PROOF-OF-CONCEPT CLINICAL TRIAL IN EARLY ALZHEIMERS DISEASE WITH LECANEMAB, AN ANTI-A BETA PROTOFIBRIL ANTIBODY	SWANSON, CJ EISAI INC	ALZHEIMERS RESEARCH & THERAPY 13 (1): - APR 17 2021	48
72	全球精神障碍发病年龄:192项流行病学研究的元分析	AGE AT ONSET OF MENTAL DISORDERS WORLDWIDE: LARGE-SCALE META-ANALYSIS OF 192 EPIDEMIOLOGICAL STUDIES	SOLMI, M UNIV PADUA	MOLECULAR PSYCHIATRY : - JUN 2 2021	47
73	美国因新冠或多系统炎症综合征住院的儿童和青少年的神经损害	NEUROLOGIC INVOLVEMENT IN CHILDREN AND ADOLESCENTS HOSPITALIZED IN THE UNITED STATES FOR COVID-19 OR MULTISYSTEM INFLAMMATORY SYNDROME	LAROVERE, KL BOSTON CHILDRENS HOSP	JAMA NEUROLOGY 78 (5): 536-547 MAY 2021	47
74	在新冠封城之前和期间的身体活动、饮食习惯和睡眠质量	PHYSICAL ACTIVITY, DIETARY HABITS AND SLEEP QUALITY BEFORE AND DURING COVID-19 LOCKDOWN: A LONGITUDINAL STUDY	MARTINEZ-DE-QUEL, O UNIV COMPLUTENSE MADRID	APPETITE 158: - MAR 1 2021	47
75	新冠期间情绪化进食的增加与封城、心理和社交困境有关	INCREASED EMOTIONAL EATING DURING COVID-19 ASSOCIATED WITH LOCKDOWN, PSYCHOLOGICAL AND SOCIAL DISTRESS	CECCHETTO, C UNIV PADUA	APPETITE 160: - MAY 1 2021	46
76	基于模糊系统的脑疾病预测医学图像处理	FUZZY SYSTEM BASED MEDICAL IMAGE PROCESSING FOR BRAIN DISEASE PREDICTION	HU, MD QINGDAO UNIV	FRONTIERS IN NEUROSCIENCE 15: - JUL 30 2021	46
77	NEUROPIXELS 2.0:一种用于稳定长期大脑记录的微型化高密度探针	NEUROPIXELS 2.0: A MINIATURIZED HIGH-DENSITY PROBE FOR STABLE, LONG-TERM BRAIN RECORDINGS	STEINMETZ, NA UCL	SCIENCE 372 (6539): 258-+ APR 16 2021	44
78	2020年更新的管理重症肌无力国际共识指南	INTERNATIONAL CONSENSUS GUIDANCE FOR MANAGEMENT OF MYASTHENIA GRAVIS 2020 UPDATE	NARAYANASWAMI, P HARVARD MED SCH	NEUROLOGY 96 (3): 114- 122 JAN 19 2021	40

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序号	文章主题	题目	第一作者及其单位	出处	单篇被引
79	21世纪包括新冠在内的传染病导致的创伤后应激障碍的流行率	PREVALENCE OF POSTTRAUMATIC STRESS DISORDER AFTER INFECTIOUS DISEASE PANDEMICS IN THE TWENTY-FIRST CENTURY, INCLUDING COVID-19: A META-ANALYSIS AND SYSTEMATIC REVIEW	YUAN, K PEKING UNIV	MOLECULAR PSYCHIATRY 26 (9): 4982-4998 SEP 2021	38
80	世界多动症联合会国际共识声明:208个关于该障碍的循证结论	THE WORLD FEDERATION OF ADHD INTERNATIONAL CONSENSUS STATEMENT: 208 EVIDENCE-BASED CONCLUSIONS ABOUT THE DISORDER	FARAONE, SV SUNY UPSTATE MED UNIV	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 128: 789-818 SEP 2021	38
81	1990-2019年全球、地区和国家卒中负担及其危险因素:2019年全球疾病负担研究的系统分析	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF STROKE AND ITS RISK FACTORS, 1990-2019: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2019	FEIGIN, VL AUCKLAND UNIV TECHNOL	LANCET NEUROLOGY 20 (10): 795-820 OCT 2021	37
82	阿尔茨海默病的临床诊断:国际工作组的建议	CLINICAL DIAGNOSIS OF ALZHEIMERS DISEASE: RECOMMENDATIONS OF THE INTERNATIONAL WORKING GROUP	DUBOIS, B SORBONNE UNIV	LANCET NEUROLOGY 20 (6): 484-496 JUN 2021	35
83	疫情封锁期间,意大利和比利时睡眠时间和主观睡眠质量的变化:年龄、性别和工作状态是影响因素	CHANGES IN SLEEP TIMING AND SUBJECTIVE SLEEP QUALITY DURING THE COVID-19 LOCKDOWN IN ITALY AND BELGIUM: AGE, GENDER AND WORKING STATUS AS MODULATING FACTORS	CELLINI, N UNIV PADUA	SLEEP MEDICINE 77: 112- 119 JAN 2021	34
84	新冠疫苗接种后脑静脉窦血栓和血小板减少症	CEREBRAL VENOUS SINUS THROMBOSIS AND THROMBOCYTOPENIA AFTER COVID-19 VACCINATION-A REPORT OF TWO UK CASES	MEHTA, PR KINGS COLL HOSP NHS FDN TRUST	BRAIN BEHAVIOR AND IMMUNITY 95: 514-517 JUL 2021	32
85	综述内源性大麻素系统	REVIEW OF THE ENDOCANNABINOID SYSTEM	LU, HC INDIANA UNIV	BIOLOGICAL PSYCHIATRY-COGNITIVE NEUROSCIENCE AND NEUROIMAGING 6 (6): 607- 615 JUN 2021	31
86	脑机接口可将脑活动实时转换成文字	HIGH-PERFORMANCE BRAIN-TO-TEXT COMMUNICATION VIA HANDWRITING	WILLETT, FR STANFORD UNIV	NATURE 593 (7858): 249-+ MAY 13 2021	30
87	默认模式网络(DMN):特质自我与共享的社交世界相遇的地方	THE DEFAULT MODE NETWORK: WHERE THE IDIOSYNCRATIC SELF MEETS THE SHARED SOCIAL WORLD	YESHURUN, Y TEL AVIV UNIV	NATURE REVIEWS NEUROSCIENCE 22 (3): 181- 192 MAR 2021	30
88	基于结构的TAU病分类	STRUCTURE-BASED CLASSIFICATION OF TAUOPATHIES	SHI, Y MRC LAB MOL BIOL	NATURE 598 (7880): 359-+ OCT 14 2021	27

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序号	文章主题	题目	第一作者及其单位	出处	单篇被引
89	新冠康复住院患者客观认知缺陷的频率和特征	FREQUENCY AND PROFILE OF OBJECTIVE COGNITIVE DEFICITS IN HOSPITALIZED PATIENTS RECOVERING FROM COVID-19	JAYWANT, A WEILL CORNELL MED	NEUROPSYCHOPHARMACOLOGY 46 (13): 2235-2240 DEC 2021	27
90	基于深度学习的非侵入性脑信号研究	A SURVEY ON DEEP LEARNING-BASED NON-INVASIVE BRAIN SIGNALS: RECENT ADVANCES AND NEW FRONTIERS	ZHANG, X UNIV NEW SOUTH WALES	JOURNAL OF NEURAL ENGINEERING 18 (3): - JUN 2021	26
91	副肿瘤神经系统综合征的最新诊断标准	UPDATED DIAGNOSTIC CRITERIA FOR PARANEOPLASTIC NEUROLOGIC SYNDROMES	GRAUS, F INST INVEST BIOMED AUGUST PI & SUNYER	NEUROLOGY-NEUROIMMUNOLOGY & NEUROINFLAMMATION 8 (4): - JUL 2021	25
92	德国新冠疫苗相关的脑静脉血栓形成	COVID-19 VACCINE-ASSOCIATED CEREBRAL VENOUS THROMBOSIS IN GERMANY	SCHULZ, JB RHEIN WESTFALISCHE TECH HSCH RWTH AACHEN UNIV	ANNALS OF NEUROLOGY 90 (4): 627-639 OCT 2021	24
93	多系统萎缩相关少突胶质蛋白p25 α 刺激形成新的 α -突触核蛋白菌株, 可潜在加重神经退行	MULTIPLE SYSTEM ATROPHY-ASSOCIATED OLIGODENDROGLIAL PROTEIN P25 ALPHA STIMULATES FORMATION OF NOVEL ALPHA-SYNUCLEIN STRAIN WITH ENHANCED NEURODEGENERATIVE POTENTIAL	FERREIRA, N AARHUS UNIV	ACTA NEUROPATHOLOGICA 142 (1): 87-115 JUL 2021	22
94	MAGNIMS-CMSC-NAIMS关于多发性硬化患者使用MRI的共识建议 (2021年)	2021 MAGNIMS-CMSC-NAIMS CONSENSUS RECOMMENDATIONS ON THE USE OF MRI IN PATIENTS WITH MULTIPLE SCLEROSIS	WATTJES, MP HANNOVER MED SCH	LANCET NEUROLOGY 20 (8): 653-670 AUG 2021	22
95	感染新冠死亡与免疫介导坏死性肌病的关系	ASSOCIATION BETWEEN SARS-COV-2 INFECTION AND IMMUNE-MEDIATED MYOPATHY IN PATIENTS WHO HAVE DIED	ASCHMAN, T CHARITE UNIV MED BERLIN	JAMA NEUROLOGY 78 (8): 948-960 AUG 2021	19
96	新冠疫苗对多发性硬化症患者的安全性和有效性	SAFETY AND EFFICACY OF COVID-19 VACCINES IN MULTIPLE SCLEROSIS PATIENTS	KELLY, H CASE WESTERN RESERVE UNIV	JOURNAL OF NEUROIMMUNOLOGY 356: - JUL 15 2021	19
97	接种新冠疫苗后诱发的免疫性血栓血小板减少症和颅内静脉窦血栓形成	VACCINE-INDUCED IMMUNE THROMBOTIC THROMBOCYTOPENIA AND CEREBRAL VENOUS SINUS THROMBOSIS POST COVID-19 VACCINATION, A SYSTEMATIC REVIEW	SHARIFIAN-DORCHE, M MCGILL UNIV	JOURNAL OF THE NEUROLOGICAL SCIENCES 428: - SEP 15 2021	18
98	哺乳动物初级运动皮层的多模态细胞普查和图谱	A MULTIMODAL CELL CENSUS AND ATLAS OF THE MAMMALIAN PRIMARY MOTOR CORTEX	CALLAWAY, EM SALK INST BIOL STUDIES	NATURE 598 (7879): 86-102 OCT 7 2021	17

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序号	文章主题	题目	第一作者及其单位	出处	单篇被引
99	奥克雷单抗治疗多发性硬化症患者对新冠疫苗的体液和T细胞反应	HUMORAL AND T-CELL RESPONSE TO SARS-COV-2 VACCINATION IN PATIENTS WITH MULTIPLE SCLEROSIS TREATED WITH OCRELIZUMAB	BRILL, L HEBREW UNIV JERUSALEM	JAMA NEUROLOGY 78 (12): 1510-1514 DEC 2021	17
100	欧洲神经科学学会/周围神经学会: 慢性炎性脱髓鞘性多发性神经根神经病的诊断和治疗指南	EUROPEAN ACADEMY OF NEUROLOGY/PERIPHERAL NERVE SOCIETY GUIDELINE ON DIAGNOSIS AND TREATMENT OF CHRONIC INFLAMMATORY DEMYELINATING POLYRADICULONEUROPATHY: REPORT OF A JOINT TASK FORCE-SECOND REVISION	VAN DEN BERGH, PYK ST LUC UNIV HOSP	JOURNAL OF THE PERIPHERAL NERVOUS SYSTEM 26 (3): 242-268 SEP 2021	16
101	成人慢性失眠症的行为和心理治疗(美国睡眠医学学会)	BEHAVIORAL AND PSYCHOLOGICAL TREATMENTS FOR CHRONIC INSOMNIA DISORDER IN ADULTS: AN AMERICAN ACADEMY OF SLEEP MEDICINE SYSTEMATIC REVIEW, META-ANALYSIS, AND GRADE ASSESSMENT	VAN DEN BERGH, PYK ST LUC UNIV HOSP	JOURNAL OF CLINICAL SLEEP MEDICINE 17 (2): 263-298 FEB 1 2021	15
102	多发性硬化症中的B细胞——从靶向清除到免疫功能重建疗法	B CELLS IN MULTIPLE SCLEROSIS - FROM TARGETED DEPLETION TO IMMUNE RECONSTITUTION THERAPIES	CENCIONI, MT IMPERIAL COLL LONDON	NATURE REVIEWS NEUROLOGY 17 (7): 399-414 JUL 2021	13
103	疾病修正疗法对新冠疫苗接种后体液免疫应答的影响: 与感染新冠后的反应相同	IMPACT OF DISEASE-MODIFYING TREATMENTS ON HUMORAL RESPONSE AFTER COVID-19 VACCINATION: A MIRROR OF THE RESPONSE AFTER SARS-COV-2 INFECTION	BIGAUT, K HOSP UNIV STRASBOURG	REVUE NEUROLOGIQUE 177 (10): 1237-1240 DEC 2021	13
104	影响肌肉骨骼系统的慢性侵害可塑性疼痛: 临床和分级标准	CHRONIC NOCIPLASTIC PAIN AFFECTING THE MUSCULOSKELETAL SYSTEM: CLINICAL CRITERIA AND GRADING SYSTEM	KOSEK, E KAROLINSKA INST	PAIN 162 (11): 2629-2634 NOV 2021	13
105	电针驱动迷走神经-肾上腺轴的神经解剖学基础	A NEUROANATOMICAL BASIS FOR ELECTROACUPUNCTURE TO DRIVE THE VAGAL-ADRENAL AXIS	LIU, SB DANA FARBER CANC INST	NATURE 598 (7882): 641-+ OCT 28 2021	13
106	综述: 新冠的精神病和神经精神病后遗症	PSYCHIATRIC AND NEUROPSYCHIATRIC SEQUELAE OF COVID-19-A SYSTEMATIC REVIEW	SCHOU, TM AARHUS UNIV	BRAIN BEHAVIOR AND IMMUNITY 97: 328-348 OCT 2021	13
107	多发性硬化症的疾病修正疗法与新冠患病严重程度的关系	ASSOCIATIONS OF DISEASE-MODIFYING THERAPIES WITH COVID-19 SEVERITY IN MULTIPLE SCLEROSIS	SIMPSON-YAP, S UNIV MELBOURNE	NEUROLOGY 97 (19): E1870-E1885 NOV 9 2021	12
108	饱和脂质诱导星形胶质细胞主动杀死神经元	NEUROTOXIC REACTIVE ASTROCYTES INDUCE CELL DEATH VIA SATURATED LIPIDS	GUTTENPLAN, KA STANFORD UNIV	NATURE 599 (7883): 102-+ NOV 4 2021	12

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序号	文章主题	题目	第一作者及其单位	出处	单篇被引
109	脑细胞外基质微流控芯片促进脑器官的结构和功能成熟	MICROFLUIDIC DEVICE WITH BRAIN EXTRACELLULAR MATRIX PROMOTES STRUCTURAL AND FUNCTIONAL MATURATION OF HUMAN BRAIN ORGANOID	CHO, AN YONSEI UNIV	NATURE COMMUNICATIONS 12 (1): - AUG 5 2021	12
110	阿尔茨海默病中的星形胶质细胞生物标志物	ASTROCYTE BIOMARKERS IN ALZHEIMER DISEASE A SYSTEMATIC REVIEW AND META-ANALYSIS	BELLAVER, B UNIV FED RIO GRANDE DO SUL	NEUROLOGY 96 (24): E2944-E2955 JUN 15 2021	11
111	Onasemnogene abeparvovec基因治疗症状性婴儿期1型脊髓性肌萎缩症(str1vc-cu)	ONASEMNOGENE ABEPARVOVEC GENE THERAPY FOR SYMPTOMATIC INFANTILE-ONSET SPINAL MUSCULAR ATROPHY TYPE 1 (STRIVE-EU): AN OPEN-LABEL, SINGLE-ARM, MULTICENTRE, PHASE 3 TRIAL	MERCURI, E CATHOLIC UNIV	LANCET NEUROLOGY 20 (10): 832-841 OCT 2021	10
112	新型冠状病毒主蛋白酶M-PRO通过裂解脑内皮细胞的NEMO引起微血管脑病变	THE SARS-COV-2 MAIN PROTEASE M-PRO CAUSES MICROVASCULAR BRAIN PATHOLOGY BY CLEAVING NEMO IN BRAIN ENDOTHELIAL CELLS	WENZEL, J UNIV LUBECK	NATURE NEUROSCIENCE 24 (11): 1522-1533 NOV 2021	10
113	功能性的线粒体复合物I的损伤和缺失可诱发帕金森病	DISRUPTION OF MITOCHONDRIAL COMPLEX I INDUCES PROGRESSIVE PARKINSONISM	GONZALEZ-RODRIGUEZ, P NORTHWESTERN UNIV	NATURE 599 (7886): 650-+ NOV 25 2021	10
114	人脑中突触后树突棘的蛋白组成	A LARGE-SCALE NANOSCOPY AND BIOCHEMISTRY ANALYSIS OF POSTSYNAPTIC DENDRITIC SPINES	HELM, MS INT MAX PLANCK RES SCH MOL BIOL	NATURE NEUROSCIENCE 24 (8): 1151-1162 AUG 2021	9
115	对急性脑卒中患者进行随机临床试验：不经传统影像评估而直接进入导管室介入诊断治疗	DIRECT TO ANGIOGRAPHY SUITE WITHOUT STOPPING FOR COMPUTED TOMOGRAPHY IMAGING FOR PATIENTS WITH ACUTE STROKE A RANDOMIZED CLINICAL TRIAL	REQUENA, M HOSP UNIV VALL DHEBRON	JAMA NEUROLOGY 78 (9): 1099-1107 SEP 2021	9
116	EPSTEIN-BARR病毒（EBV）感染增加多发性硬化症（MS）风险	LONGITUDINAL ANALYSIS REVEALS HIGH PREVALENCE OF EPSTEIN-BARR VIRUS ASSOCIATED WITH MULTIPLE SCLEROSIS	BJORNEVIK, K HARVARD TH CHAN SCH PUBL HLTH	SCIENCE 375 (6578): 296-+ JAN 21 2022	9
117	多发性硬化症患者对新冠疫苗的反应	COVID-19 VACCINE RESPONSE IN PEOPLE WITH MULTIPLE SCLEROSIS	TALLANTYRE, EC CARDIFF UNIV	ANNALS OF NEUROLOGY 91 (1): 89-100 JAN 2022	8
118	痴呆症患者的血液代谢组学揭示了疾病相关代谢物的类别	WHOLE-BLOOD METABOLOMICS OF DEMENTIA PATIENTS REVEAL CLASSES OF DISEASE-LINKED METABOLITES	TERUYA, T OKINAWA INST SCI & TECHNOL GRAD UNIV	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 118 (37): - SEP 14 2021	8

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119	使用不同疾病修正疗法治疗的多发性硬化症患者对接种新冠mRNA疫苗的体液和T细胞特异性免疫反应	HUMORAL- AND T-CELL SPECIFIC IMMUNE RESPONSES TO SARS-COV-2 MRNA VACCINATION IN PATIENTS WITH MS USING DIFFERENT DISEASE-MODIFYING THERAPIES	TORTORELLA, C SAN CAMILLO FORLANINI HOSP	NEUROLOGY 98 (5): E541-E554 FEB 1 2022	7
120	阿尔茨海默病神经病理学	NEUROPATHOLOGY OF ALZHEIMERS DISEASE	TREJO-LOPEZ, JA MAYO CLIN	NEUROTHERAPEUTICS : - NOV 2 2021	7
121	基于物联网的智能食品管理系统危险风险识别的多源数据挖掘深度堆叠网络方法	DEEP-STACKING NETWORK APPROACH BY MULTISOURCE DATA MINING FOR HAZARDOUS RISK IDENTIFICATION IN IOT-BASED INTELLIGENT FOOD MANAGEMENT SYSTEMS	KONG, JL BEIJING TECHNOL & BUSINESS UNIV	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE 2021: - NOV 10 2021	5
122	疼痛神经科学教育与运动相结合对慢性肌肉骨骼疼痛的短期影响:系统综述和元分析	SHORT-TERM IMPACT OF COMBINING PAIN NEUROSCIENCE EDUCATION WITH EXERCISE FOR CHRONIC MUSCULOSKELETAL PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS	SIDDALL, B AUSTRALIAN NATL UNIV	PAIN 163 (1): E20-E30 JAN 2022	5
123	建立统一的啮齿类动物的情绪传染理论:元分析	TOWARDS A UNIFIED THEORY OF EMOTIONAL CONTAGION IN RODENTS-A META-ANALYSIS	HERNANDEZ-LALLEMENT, J NETHERLANDS INST NEUROSCI	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 132: 1229-1248 JAN 2022	4
124	机体肠道或能有效区分真正的糖类和人工甜味剂	THE PREFERENCE FOR SUGAR OVER SWEETENER DEPENDS ON A GUT SENSOR CELL	BUCHANAN, KL DUKE UNIV	NATURE NEUROSCIENCE : - JAN 13 2022	3

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ESI中神经科学与行为领域热点分析

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125	行为学习和注意力转移通过不同的机制可提高视觉反应选择性	LEARNING AND ATTENTION INCREASE VISUAL RESPONSE SELECTIVITY THROUGH DISTINCT MECHANISMS	POORT, J UNIV CAMBRIDGE	NEURON 110 (4): 686-+ FEB 16 2022	3
126	正电子发射断层扫描(PET)在动物模型中TAU病的应用	POSITRON EMISSION TOMOGRAPHY IN ANIMAL MODELS OF TAUOPATHIES	CAO, L UNIV ZURICH	FRONTIERS IN AGING NEUROSCIENCE 13: - JAN 10 2022	3
127	急性发作腰痛12个月后全身炎症与康复的关系	RELATIONSHIP BETWEEN SYSTEMIC INFLAMMATION AND RECOVERY OVER 12 MONTHS AFTER AN ACUTE EPISODE OF LOW BACK PAIN	KLYNE, DM UNIV QUEENSLAND	SPINE JOURNAL 22 (2): 214-225 FEB 2022	3
128	TDP-43抑制FTD-ALS患者UNC13A基因中的隐藏外显子	TDP-43 REPRESSES CRYPTIC EXON INCLUSION IN THE FTD-ALS GENE UNC13A	MA, XR STANFORD UNIV	NATURE 603 (7899): 124-+ MAR 3 2022	3

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