



# 神经科学与行为领域 热点论文

06

2023  
12月第6期（总74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2023年11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2021年6月至2023年6月发表的文章中，在2023年7月和8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2023年11月9日。

本期发布神经科学与行为领域热点文章110篇，其中首次入榜文章40篇。单篇最高被引741次，最低被引4次。“GLOBAL, REGIONAL, AND NATIONAL BURDEN OF STROKE AND ITS RISK FACTORS, 1990-2019: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2019”在本期热点论文数据中被引频次最高，主要内容为1990-2019年全球、地区和国家卒中负担及其危险因素。

首次入榜的40篇中单篇最高被引95次的文章是由英国基尔大学Alexander J. Scott发表的，论文题目为“IMPROVING SLEEP QUALITY LEADS TO BETTER MENTAL HEALTH: A META-ANALYSIS OF RANDOMISED CONTROLLED TRIALS”，主要内容为睡眠质量与心理健康之间关系的元分析。

首次入榜文章有：

- 65: 非侵入性磁共振成像揭示了人脑淋巴网络与颈部淋巴结的连接；
- 76: 阿尔茨海默病和其他痴呆症的全球、地区和国家负担，1990-2019；
- 77: 美国轻度认知障碍和痴呆症的患病率：2016年健康与退休研究项目；
- 82: 脊髓电刺激疗法治疗慢性背痛和腿痛的临床和生活质量结果：EVOKE随机临床试验的二次分析；
- 94: 儿童和青少年原发性头痛流行病学：一项系统综述和元分析；
- 98: 组合药物治疗成人神经病理性疼痛：一项系统综述和元分析；
- 99: 综述无线脑电图；
- 103: 鞘内镇痛治疗癌症疼痛的有效性和安全性：一项系统综述和元分析；
- 105: 综述静息态的脑电微状态的功能特点；
- 108: 整体治疗反应：脊髓刺激临床结果评估的国际专家小组定义和标准；

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 2023年11月更新的神经科学与行为领域热点论文

序号	文章主题	题目	第一作者及其单位	出处	单篇被引
1	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	741
2	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	512
3	新冠与大脑结构变化有关(英国生物样本库)	SARS-COV-2 IS ASSOCIATED WITH CHANGES IN BRAIN STRUCTURE IN UK BIOBANK	DOUAUD, G UNIV OXFORD	NATURE 604 (7907): 697-+ APR 28 2022	474
4	2022年阿尔茨海默病数据	2022 ALZHEIMERS DISEASE FACTS AND FIGURES	GAUGLER, J -	ALZHEIMERS & DEMENTIA 18 (4): 700-789 APR 2022	393
5	全脑关联研究样本量需达数千人才确保结果可靠	REPRODUCIBLE BRAIN-WIDE ASSOCIATION STUDIES REQUIRE THOUSANDS OF INDIVIDUALS	MAREK, S WASHINGTON UNIV	NATURE 603 (7902): 654-+ MAR 24 2022	376
6	CBTRUS统计报告:2014-2018年美国确诊原发性脑和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 2014-2018	OSTROM, QT CENT BRAIN TUMOR REGISTRY US	NEURO-ONCOLOGY 23: 1- 105 SUPPL. 3 OCT 2021	359
7	新冠后遗症的疲劳和认知障碍:系统综述和元分析	FATIGUE AND COGNITIVE IMPAIRMENT IN POST-COVID-19 SYNDROME: A SYSTEMATIC REVIEW AND META-ANALYSIS	CEBAN, F UNIV HLTH NETWORK	BRAIN BEHAVIOR AND IMMUNITY 101: 93-135 MAR 2022	257
8	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	223

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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
9	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	208
10	阿尔茨海默病的血液生物标志物:走向临床应用	BLOOD-BASED BIOMARKERS FOR ALZHEIMERS DISEASE: TOWARDS CLINICAL IMPLEMENTATION	TEUNISSEN, CE VRIJE UNIV AMSTERDAM	LANCET NEUROLOGY 21 (1): 66-77 JAN 2022	186
11	ADUCANUMAB治疗早期阿尔茨海默病的2项随机3期研究	TWO RANDOMIZED PHASE 3 STUDIES OF ADUCANUMAB IN EARLY ALZHEIMERS DISEASE	HAEBERLEIN, SB BIOGEN	JPAD-JOURNAL OF PREVENTION OF ALZHEIMERS DISEASE 9 (2): 197-210 APR 2022	168
12	电针驱动迷走神经-肾上腺轴的神解剖学基础	A NEUROANATOMICAL BASIS FOR ELECTROACUPUNCTURE TO DRIVE THE VAGAL-ADRENAL AXIS	LIU, SB DANA FARBER CANC INST	NATURE 598 (7882): 641-+ OCT 28 2021	160
13	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	159
14	小胶质细胞状态和命名:一个处于十字路口的领域	MICROGLIA STATES AND NOMENCLATURE: A FIELD AT ITS CROSSROADS	PAOLICELLI, RC UNIV LAUSANNE	NEURON 110 (21): 3458-3483 NOV 2 2022	159
15	淋巴细胞-小胶质细胞-星形胶质细胞轴在慢性多发性硬化症中的作用	A LYMPHOCYTE-MICROGLIA-ASTROCYTE AXIS IN CHRONIC ACTIVE MULTIPLE SCLEROSIS	ABSINTA, M JOHNS HOPKINS UNIV	NATURE 597 (7878): 709-714 SEP 30 2021	158
16	人类寿命的脑图	BRAIN CHARTS FOR THE HUMAN LIFESPAN	BETHLEHEM, RAI UNIV CAMBRIDGE	NATURE 604 (7906): 525-+ APR 21 2022	157
17	卒中的全球流行病学和急性缺血性卒中干预措施的获取	GLOBAL EPIDEMIOLOGY OF STROKE AND ACCESS TO ACUTE ISCHEMIC STROKE INTERVENTIONS	SAINI, V JACKSON MEM HOSP	NEUROLOGY 97 (20S): S6-S16 SUPPL. 20 NOV 16 2021	143
18	评估2项ADUCANUMAB在治疗早期阿尔茨海默病患者的3期研究中的淀粉样蛋白相关成像异常	AMYLOID-RELATED IMAGING ABNORMALITIES IN 2 PHASE 3 STUDIES EVALUATING ADUCANUMAB IN PATIENTS WITH EARLY ALZHEIMER DISEASE	SALLOWAY, S WARREN ALPERT MEDICAL SCHOOL	JAMA NEUROLOGY 79 (1): 13-21 JAN 2022	139

序号	文章主题	题目	第一作者及其单位	出处	单篇被引
19	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	136
20	人类脑血管图谱揭示阿尔茨海默症风险的多种介导因素	A HUMAN BRAIN VASCULAR ATLAS REVEALS DIVERSE MEDIATORS OF ALZHEIMERS RISK	YANG, AC UNIV CALIF SAN FRANCISCO	NATURE 603 (7903): 885+ MAR 31 2022	133
21	综述抑郁症的血清素理论	THE SEROTONIN THEORY OF DEPRESSION: A SYSTEMATIC UMBRELLA REVIEW OF THE EVIDENCE	MONCRIEFF, J UCL	MOLECULAR PSYCHIATRY : - JUL 20 2022	131
22	一项新冠后遗症的中长期神经病学和神经精神病学表现的元分析	MID AND LONG-TERM NEUROLOGICAL AND NEUROPSYCHIATRIC MANIFESTATIONS OF POST-COVID-19 SYNDROME: A META-ANALYSIS	PREMRAJ, L GRIFFITH UNIV	JOURNAL OF THE NEUROLOGICAL SCIENCES 434: - MAR 15 2022	131
23	美国成年人慢性疼痛的患病率	PREVALENCE OF CHRONIC PAIN AMONG ADULTS IN THE UNITED STATES	YONG, RJ HARVARD UNIV	PAIN 163 (2): E328-E332 FEB 2022	129
24	阿尔茨海默症小鼠模型中错误的自溶酶体酸化诱导神经元中A $\beta$ 的自噬积聚, 产生老年斑	FAULTY AUTOLYSOSOME ACIDIFICATION IN ALZHEIMERS DISEASE MOUSE MODELS INDUCES AUTOPHAGIC BUILD-UP OF A BETA IN NEURONS, YIELDING SENILE PLAQUES	LEE, JH NATHAN S KLINE INST	NATURE NEUROSCIENCE 25 (6): 688+ JUN 2022	128
25	国际抗癫痫联盟: 儿童癫痫的国际分类标准和定义	INTERNATIONAL LEAGUE AGAINST EPILEPSY CLASSIFICATION AND DEFINITION OF EPILEPSY SYNDROMES WITH ONSET IN CHILDHOOD: POSITION PAPER BY THE ILAE TASK FORCE ON NOSOLOGY AND DEFINITIONS	SPECCHIO, N BAMBINO GESU PEDIAT HOSP	EPILEPSIA 63 (6): 1398-1442 JUN 2022	115
26	2022年AHA/ASA自发性脑出血指南	2022 GUIDELINE FOR THE MANAGEMENT OF PATIENTS WITH SPONTANEOUS INTRACEREBRAL HEMORRHAGE: A GUIDELINE FROM THE AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION	GREENBERG, SM MASSACHUSETTS GEN HOSP	STROKE 53 (7): E282-E361 JUL 2022	115

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27	血清神经丝轻链对多发性硬化症患者疾病活动度的个体预后	SERUM NEUROFILAMENT LIGHT CHAIN FOR INDIVIDUAL PROGNOSTICATION OF DISEASE ACTIVITY IN PEOPLE WITH MULTIPLE SCLEROSIS: A RETROSPECTIVE MODELLING AND VALIDATION STUDY	BENKERT, P UNIV BASEL	LANCET NEUROLOGY 21 (3): 246-257 MAR 2022	113
28	头痛的全球患病率：最新估算患病率影响因素的方法论分析	THE GLOBAL PREVALENCE OF HEADACHE: AN UPDATE, WITH ANALYSIS OF THE INFLUENCES OF METHODOLOGICAL FACTORS ON PREVALENCE ESTIMATES	STOVNER, LJ NORWEGIAN UNIV SCI & TECHNOL	JOURNAL OF HEADACHE AND PAIN 23 (1): - DEC 2022	108
29	运动障碍学会：多系统萎缩症诊断标准	THE MOVEMENT DISORDER SOCIETY CRITERIA FOR THE DIAGNOSIS OF MULTIPLE SYSTEM ATROPHY	WENNING, GK INNSBRUCK MED UNIV	MOVEMENT DISORDERS 37 (6): 1131- 1148 JUN 2022	101
30	小胶质细胞在神经退行性疾病中从M1到M2的表型极化	MICROGLIA POLARIZATION FROM M1 TO M2 IN NEURODEGENERATIVE DISEASES	GUO, SR SHANGHAI JIAO TONG UNIV	FRONTIERS IN AGING NEUROSCIENCE 14: - FEB 16 2022	100
31	改善睡眠质量有助于改善心理健康：一项随机对照试验的元分析	IMPROVING SLEEP QUALITY LEADS TO BETTER MENTAL HEALTH: A META-ANALYSIS OF RANDOMISED CONTROLLED TRIALS	SCOTT, AJ KEELE UNIV	SLEEP MEDICINE REVIEWS 60: - DEC 2021	95
32	ILAE立场声明：新生儿和婴儿癫痫综合征的ILAE分类和定义	ILAE CLASSIFICATION AND DEFINITION OF EPILEPSY SYNDROMES WITH ONSET IN NEONATES AND INFANTS: POSITION STATEMENT BY THE ILAE TASK FORCE ON NOSOLOGY AND DEFINITIONS	ZUBERI, SM UNIV GLASGOW	EPILEPSIA 63 (6): 1349- 1397 JUN 2022	94
33	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	93
34	血浆GFAP作为脑和脊髓疾病的新兴生物标志物	BLOOD GFAP AS AN EMERGING BIOMARKER IN BRAIN AND SPINAL CORD DISORDERS	ABDELHAK, A UNIV CALIF SAN FRANCISCO	NATURE REVIEWS NEUROLOGY 18 (3): 158- 172 MAR 2022	90
35	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	89

注：红色字体为首次入榜的热点论文。

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36	综述长期新冠大流行对心理弹性和心理健康的影响	THE IMPACT OF THE PROLONGED COVID-19 PANDEMIC ON STRESS RESILIENCE AND MENTAL HEALTH: A CRITICAL REVIEW ACROSS WAVES	MANCHIA, M UNIV CAGLIARI	EUROPEAN NEUROPSYCHOPHARMACOLOGY 55: 22-83 FEB 2022	89
37	运动血浆通过凝聚素增强记忆力并抑制大脑炎症	EXERCISE PLASMA BOOSTS MEMORY AND DAMPENS BRAIN INFLAMMATION VIA CLUSTERIN	DE MIGUEL, Z STANFORD UNIV	NATURE 600 (7889): 494-499 DEC 16 2021	84
38	综述新冠疫情大流行期间酒精和其他物质的使用情况	ALCOHOL AND OTHER SUBSTANCE USE DURING THE COVID-19 PANDEMIC: A SYSTEMATIC REVIEW	ROBERTS, A UNIV LINCOLN	DRUG AND ALCOHOL DEPENDENCE 229: - PART A DEC 1 2021	81
39	2015-2019美国原发性脑和中枢神经系统肿瘤流行病学调查	CBTRUS STATISTICAL REPORT: PRIMARY BRAIN AND OTHER CENTRAL NERVOUS SYSTEM TUMORS DIAGNOSED IN THE UNITED STATES IN 2015-2019	OSTROM, QT CENT BRAIN TUMOR REGISTRY US	NEURO-ONCOLOGY 24: V1-V95 SUPPL. 5 SP. ISS. SI OCT 5 2022	76
40	不同的自噬降解通路和神经退行性病变	THE DIFFERENT AUTOPHAGY DEGRADATION PATHWAYS AND NEURODEGENERATION	FLEMING, A UNIV CAMBRIDGE	NEURON 110 (6): 935-966 MAR 16 2022	74
41	脑淀粉样血管病的BOSTON诊断标准2.0版	THE BOSTON CRITERIA VERSION 2.0 FOR CEREBRAL AMYLOID ANGIOPATHY: A MULTICENTRE, RETROSPECTIVE, MRI-NEUROPATHOLOGY DIAGNOSTIC ACCURACY STUDY	CHARIDIMOU, A MASSACHUSETTS GEN HOSP	LANCET NEUROLOGY 21 (8): 714-725 AUG 2022	73
42	病理性TDP-43丝的结构	STRUCTURE OF PATHOLOGICAL TDP-43 FILAMENTS FROM ALS WITH FTLD	ARSENI, D MRC	NATURE 601 (7891): 139-+ JAN 6 2022	73
43	神经炎症、卒中、血脑屏障功能障碍, 以及影像学变化	NEUROINFLAMMATION, STROKE, BLOOD-BRAIN BARRIER DYSFUNCTION, AND IMAGING MODALITIES	CANDELARIO-JALIL, E UNIV FLORIDA	STROKE 53 (5): 1473-1486 MAY 2022	72
44	意识理论	THEORIES OF CONSCIOUSNESS	SETH, AK UNIV SUSSEX	NATURE REVIEWS NEUROSCIENCE 23 (7): 439-452 JUL 2022	68

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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
45	髓鞘少突胶质细胞糖蛋白抗体相关性疾病的诊断:国际MOGAD专家组提出的标准	DIAGNOSIS OF MYELIN OLIGODENDROCYTE GLYCOPROTEIN ANTIBODY-ASSOCIATED DISEASE: INTERNATIONAL MOGAD PANEL PROPOSED CRITERIA	BANWELL, B UNIV PENN	LANCET NEUROLOGY 22 (3): 268-282 MAR 2023	66
46	阿尔茨海默症协会适当使用阿尔茨海默病血液生物标志物的建议	THE ALZHEIMERS ASSOCIATION APPROPRIATE USE RECOMMENDATIONS FOR BLOOD BIOMARKERS IN ALZHEIMERS DISEASE	HANSSON, O LUND UNIV	ALZHEIMERS & DEMENTIA 18 (12): 2669- 2686 DEC 2022	64
47	星形胶质细胞和少突胶质细胞在阿尔茨海默病中的亚型特异性转录组变化	ASTROCYTES AND OLIGODENDROCYTES UNDERGO SUBTYPE-SPECIFIC TRANSCRIPTIONAL CHANGES IN ALZHEIMERS DISEASE	SADICK, JS NYU GROSSMAN SCH MED	NEURON 110 (11): 1788-+ JUN 1 2022	64
48	创伤性脑损伤:预防、临床护理和研究的进展与挑战	TRAUMATIC BRAIN INJURY: PROGRESS AND CHALLENGES IN PREVENTION, CLINICAL CARE, AND RESEARCH	MAAS, AIR ANTWERP UNIV HOSP	LANCET NEUROLOGY 21 (11): 1004-1060 NOV 2022	62
49	纳武单抗或安慰剂联合替莫唑胺化疗治疗MGMT启动子甲基化的初诊胶质母细胞瘤的三期临床试验	PHASE III TRIAL OF CHEMORADIOTHERAPY WITH TEMOZOLOMIDE PLUS NIVOLUMAB OR PLACEBO FOR NEWLY DIAGNOSED GLIOBLASTOMA WITH METHYLATED MGMT PROMOTER	LIM, M STANFORD UNIV	NEURO-ONCOLOGY 24 (11): 1935-1949 NOV 2 2022	62
50	减贫干预对婴儿脑活动的影响	THE IMPACT OF A POVERTY REDUCTION INTERVENTION ON INFANT BRAIN ACTIVITY	TROLLER-RENFREE, SV COLUMBIA UNIV	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 119 (5): - FEB 1 2022	59
51	ILAE关于特发性全身性癫痫综合征的定义: ILAE分子病理学和定义工作组的立场声明	ILAE DEFINITION OF THE IDIOPATHIC GENERALIZED EPILEPSY SYNDROMES: POSITION STATEMENT BY THE ILAE TASK FORCE ON NOSOLOGY AND DEFINITIONS	HIRSCH, E STRASBOURG UNIV	EPILEPSIA 63 (6): 1475-1499 JUN 2022	58
52	睡眠对健康至关重要: 美国睡眠医学会立场声明	SLEEP IS ESSENTIAL TO HEALTH: AN AMERICAN ACADEMY OF SLEEP MEDICINE POSITION STATEMENT	RAMAR, K MAYO CLIN	JOURNAL OF CLINICAL SLEEP MEDICINE 17 (10): 2115-2119 OCT 1 2021	58
53	血脑屏障在衰老和神经退行性疾病中的作用	THE BLOOD-BRAIN BARRIER IN AGING AND NEURODEGENERATION	KNOX, EG UNIV COLL CORK	MOLECULAR PSYCHIATRY 27 (6): 2659- 2673 JUN 2022	56
54	APOE4通过胆固醇失调损害少突胶质细胞的髓鞘形成	APOE4 IMPAIRS MYELINATION VIA CHOLESTEROL DYSREGULATION IN OLIGODENDROCYTES	BLANCHARD, JW MIT	NATURE 611 (7937): 769-+ NOV 24 2022	52

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55	2023年阿尔茨海默病数据	2023 ALZHEIMERS DISEASE FACTS AND FIGURES	[ANONYMOUS]	ALZHEIMERS & DEMENTIA 19 (4): 1598-1695 APR 2023	49
56	阿尔茨海默病的TAU生物标志物:临床实践和试验	TAU BIOMARKERS IN ALZHEIMERS DISEASE: TOWARDS IMPLEMENTATION IN CLINICAL PRACTICE AND TRIALS	OSSENKOPPELE, R LUND UNIV	LANCET NEUROLOGY 21 (8): 726-734 AUG 2022	49
57	人类大脑 $\alpha$ -突触核蛋白丝结构的LEWY病理学研究	STRUCTURES OF ALPHA-SYNUCLEIN FILAMENTS FROM HUMAN BRAINS WITH LEWY PATHOLOGY	YANG, Y MED RES COUNCIL LAB MOL BIOL IHARA, M	NATURE 610 (7933): 791-+ OCT 27 2022	48
58	脑底动脉环闭塞症: 诊断和干预	MOYAMOYA DISEASE: DIAGNOSIS AND INTERVENTIONS	NATL CEREBRAL & CARDIOVASC CTR MONJE, M	LANCET NEUROLOGY 21 (8): 747-758 AUG 2022	46
59	新冠后遗症的神经生物学	THE NEUROBIOLOGY OF LONG COVID	STANFORD UNIV	NEURON 110 (21): 3484-3496 NOV 2 2022	46
60	移植的人类皮层类器官的成熟和回路整合	MATURATION AND CIRCUIT INTEGRATION OF TRANSPLANTED HUMAN CORTICAL ORGANOID	REVAH, O STANFORD UNIV	NATURE 610 (7931): 319-+ OCT 13 2022	46
61	新冠患者颅内感染的形态学、细胞和分子基础	MORPHOLOGICAL, CELLULAR, AND MOLECULAR BASIS OF BRAIN INFECTION IN COVID-19 PATIENTS	CRUNFLI, F UNIV ESTADUAL CAMPINAS	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 119 (35): - AUG 30 2022	45
62	多发性硬化症患者致残的原因	HOW PATIENTS WITH MULTIPLE SCLEROSIS ACQUIRE DISABILITY	LUBLIN, FD ICAHN SCH MED MT SINAI	BRAIN 145 (9): 3147-3161 SEP 14 2022	45
63	CBTRUS统计报告:2014-2018年美国儿童和青少年原发性脑肿瘤及其它中枢神经系统肿瘤确诊病例	CBTRUS STATISTICAL REPORT: PEDIATRIC BRAIN TUMOR FOUNDATION CHILDHOOD AND ADOLESCENT PRIMARY BRAIN AND OTHER CENTRAL NERVOUS SYSTEM TUMORS DIAGNOSED IN THE UNITED STATES IN 2014-2018	OSTROM, QT CENT BRAIN TUMOR REGISTRY US	NEURO-ONCOLOGY 24: III1-III38 SUPPL. 3 SP. ISS. SI SEP 6 2022	41
64	赛拉嗒肆虐全美: 日益严重的合成和多物质过量使用危机	XYLAZINE SPREADS ACROSS THE US: A GROWING COMPONENT OF THE INCREASINGLY SYNTHETIC AND POLYSUBSTANCE OVERDOSE CRISIS	FRIEDMAN, J UNIV CALIF LOS ANGELES	DRUG AND ALCOHOL DEPENDENCE 233: - APR 1 2022	40

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## 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
65	非侵入性磁共振成像揭示了人脑淋巴网络与颈部淋巴结的连接	NON-INVASIVE MR IMAGING OF HUMAN BRAIN LYMPHATIC NETWORKS WITH CONNECTIONS TO CERVICAL LYMPH NODES	ALBAYRAM, MS UNIV FLORIDA	NATURE COMMUNICATIONS 13 (1): - JAN 11 2022	39
66	LECANEMAB、ADUCANUMAB和GANTENERUMAB——与不同形式的淀粉样蛋白 $\beta$ 结合的特征或可解释阿尔茨海默病临床试验中的疗效和副作用	LECANEMAB, ADUCANUMAB, AND GANTENERUMAB - BINDING PROFILES TO DIFFERENT FORMS OF AMYLOID-BETA MIGHT EXPLAIN EFFICACY AND SIDE EFFECTS IN CLINICAL TRIALS FOR ALZHEIMERS DISEASE	SÖDERBERG, L BIOARCTIC AB	NEUROTHERAPEUTICS : - OCT 17 2022	37
67	全球脑瘫患病率：一项系统分析	GLOBAL PREVALENCE OF CEREBRAL PALSY: A SYSTEMATIC ANALYSIS	MCINTYRE, S UNIV SYDNEY	DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY 64 (12): 1494-1506 DEC 2022	37
68	LECANEMAB治疗早期阿尔茨海默病患者:2期概念验证研究的随机和开放标签扩展研究的生物标志物、认知和临床效应详细结果	LECANEMAB IN PATIENTS WITH EARLY ALZHEIMERS DISEASE: DETAILED RESULTS ON BIOMARKER, COGNITIVE, AND CLINICAL EFFECTS FROM THE RANDOMIZED AND OPEN-LABEL EXTENSION OF THE PHASE 2 PROOF-OF-CONCEPT STUDY	MCDADE, E WASHINGTON UNIV	ALZHEIMERS RESEARCH & THERAPY 14 (1): - DEC 21 2022	31
69	星形胶质细胞和小胶质细胞作为阿尔茨海默病神经炎症调节因子	ASTROCYTIC AND MICROGLIAL CELLS AS THE MODULATORS OF NEUROINFLAMMATION IN ALZHEIMERS DISEASE	SINGH, D NATL BRAIN RES CTR	JOURNAL OF NEUROINFLAMMATION 19 (1): - AUG 17 2022	30
70	卒中患者的肠道菌群及其代谢物：一把双刃剑	GUT MICROBIOTA AND THEIR METABOLITES IN STROKE: A DOUBLE-EDGED SWORD	PEH, A MONASH UNIV	STROKE 53 (5): 1788-1801 MAY 2022	30
71	脑实质边界巨噬细胞调节脑脊液流体动力学	PARENCHYMAL BORDER MACROPHAGES REGULATE THE FLOW DYNAMICS OF THE CEREBROSPINAL FLUID	DRIEU, A WASHINGTON UNIV ST LOUIS	NATURE 611 (7936): 585-+ NOV 17 2022	29
72	系统综述新冠相关焦虑、压力、抑郁、颞下颌关节紊乱和头痛之间的关联	THE ASSOCIATION BETWEEN COVID-19 RELATED ANXIETY, STRESS, DEPRESSION, TEMPOROMANDIBULAR DISORDERS, AND HEADACHES FROM CHILDHOOD TO ADULTHOOD: A SYSTEMATIC REVIEW	MINERVINI, G UNIV CAMPANIA LUIGI VANVITELLI	BRAIN SCIENCES 13 (3): - MAR 2023	28
73	淋巴系统：目前认识和建模	THE GLYMPHATIC SYSTEM: CURRENT UNDERSTANDING AND MODELING	BOHR, T TECH UNIV DENMARK	ISCIENCE 25 (9): - SEP 16 2022	28
74	利用MERFISH揭示了人类和小鼠大脑皮层细胞组织的差异	CONSERVATION AND DIVERGENCE OF CORTICAL CELL ORGANIZATION IN HUMAN AND MOUSE REVEALED BY MERFISH	FANG, RX HOWARD HUGHES MED INST	SCIENCE 377 (6601): 56-+ JUL 1 2022	27

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75	使用 $\alpha$ 突触核蛋白种子扩增对帕金森病进展标志物候群中被试者异质性的评估：一项横断面研究	ASSESSMENT OF HETEROGENEITY AMONG PARTICIPANTS IN THE PARKINSON'S PROGRESSION MARKERS INITIATIVE COHORT USING A-SYNUCLEIN SEED AMPLIFICATION: A CROSS-SECTIONAL STUDY	SIDEROWF, A UNIV PENN	LANCET NEUROLOGY 22 (5): 407-417 MAY 2023	27
76	阿尔茨海默病和其他痴呆症的全球、地区和国家负担, 1990-2019	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF ALZHEIMERS DISEASE AND OTHER DEMENTIAS, 1990-2019	LI, X WEIFANG MED UNIV	FRONTIERS IN AGING NEUROSCIENCE 14: - OCT 10 2022	25
77	美国轻度认知障碍和痴呆症的患病率：2016年健康与退休研究项目	ESTIMATING THE PREVALENCE OF DEMENTIA AND MILD COGNITIVE IMPAIRMENT IN THE US THE 2016 HEALTH AND RETIREMENT STUDY HARMONIZED COGNITIVE ASSESSMENT PROTOCOL PROJECT	MANLY, JJ COLUMBIA UNIV	JAMA NEUROLOGY 79 (12): 1242-1249 DEC 2022	23
78	个体框架和系统框架：个体层面解决方案如何使行为为公共政策执行偏差	THE I-FRAME AND THE S-FRAME: HOW FOCUSING ON INDIVIDUAL-LEVEL SOLUTIONS HAS LED BEHAVIORAL PUBLIC POLICY ASTRAY	CHATER, N UNIV WARWICK	BEHAVIORAL AND BRAIN SCIENCES 46: - SEP 5 2022	22
79	小胶质细胞与T细胞共同作用引发神经退行性疾病	MICROGLIA-MEDIATED T CELL INFILTRATION DRIVES NEURODEGENERATION IN TAUOPATHY	CHEN, XY WASHINGTON UNIV	NATURE 615 (7953): 668-+ MAR 23 2023	22
80	神经免疫学中的脑边界	BRAIN BORDERS AT THE CENTRAL STAGE OF NEUROIMMUNOLOGY	RUSTENHOVEN, J WASHINGTON UNIV	NATURE 612 (7940): 417-429 DEC 15 2022	22
81	精神障碍中的恐惧引起的心跳过缓：基础、当前进展和未来展望	FEAR-INDUCED BRADYCARDIA IN MENTAL DISORDERS: FOUNDATIONS, CURRENT ADVANCES, FUTURE PERSPECTIVES	BATTAGLIA, S ALMA MATER STUDIORUM UNIV BOLOGNA	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 149: - JUN 2023	21
82	脊髓电刺激疗法治疗慢性背痛和腿痛的临床和生活质量结果：EVOKE随机临床试验的二次分析	DURABILITY OF CLINICAL AND QUALITY-OF-LIFE OUTCOMES OF CLOSED-LOOP SPINAL CORD STIMULATION FOR CHRONIC BACK AND LEG PAIN A SECONDARY ANALYSIS OF THE EVOKE RANDOMIZED CLINICAL TRIAL	MEKHAIL, N CLEVELAND CLIN	JAMA NEUROLOGY 79 (3): 251-260 MAR 2022	19
83	动脉粥样硬化性疾病导致急性基底动脉闭塞的药物涂层球囊扩张术一例	A CASE OF ACUTE BASILAR ARTERY OCCLUSION DUE TO ATHEROSCLEROTIC DISEASE REVASCULARIZED BY DRUG-COATED BALLOON DILATION	ZHAO, YZ WEIFANG MED UNIV	INTERNATIONAL JOURNAL OF NEUROSCIENCE : - APR 15 2023	17

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84	致幻剂通过激活细胞内5-HT2A受体促进神经可塑性	PSYCHEDELICS PROMOTE NEUROPLASTICITY THROUGH THE ACTIVATION OF INTRACELLULAR 5-HT2A RECEPTORS	VARGAS, MV UNIV CALIF DAVIS	SCIENCE 379 (6633): 700-706 FEB 17 2023	17
85	针对阿尔茨海默病的神经炎症治疗：从机制到临床应用	TARGETING NEUROINFLAMMATION IN ALZHEIMERS DISEASE: FROM MECHANISMS TO CLINICAL APPLICATIONS	SI, ZZ NINGBO UNIV	NEURAL REGENERATION RESEARCH 18 (4): 708-715 APR 2023	16
86	老化和多发性硬化症	AGEING AND MULTIPLE SCLEROSIS	GRAVES, JS UNIV CALIF SAN DIEGO	LANCET NEUROLOGY 22 (1): 66-77 JAN 2023	15
87	母亲肠道菌群对婴儿菌群和脑发育的影响	IMPACT OF THE MOTHERS GUT MICROBIOTA ON INFANT MICROBIOME AND BRAIN DEVELOPMENT	MADY, EA TOKYO UNIV AGR & TECHNOL	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 150: - JUL 2023	14
88	精神分裂症的认知障碍：病因、病理生理学和和治疗	COGNITIVE IMPAIRMENT IN SCHIZOPHRENIA: AETIOLOGY, PATHOPHYSIOLOGY, AND TREATMENT	MCCUTCHEON, RA UNIV OXFORD	MOLECULAR PSYCHIATRY : - JAN 23 2023	14
89	LECANEMAB：适当使用建议	LECANEMAB: APPROPRIATE USE RECOMMENDATIONS	CUMMINGS, J UNIV NEVADA LAS VEGAS	JPAD-JOURNAL OF PREVENTION OF ALZHEIMERS DISEASE 10 (3): 362-377 SEP 2023	14
90	抗淀粉样蛋白抗体疗法治疗阿尔茨海默病	ANTI-AMYLOID ANTIBODY THERAPIES IN ALZHEIMERS DISEASE	PERNECZKY, R LUDWIG MAXIMILIANS UNIV MUNCHEN	BRAIN 146 (3): 842-849 MAR 1 2023	14
91	血管旁SPP1蛋白促进阿尔茨海默病小胶质细胞吞噬突触	PERIVASCULAR CELLS INDUCE MICROGLIAL PHAGOCYtic STATES AND SYNAPTIC ENGULFMENT VIA SPP1 IN MOUSE MODELS OF ALZHEIMERS DISEASE	DE SCHEPPER, S UCL	NATURE NEUROSCIENCE : - FEB 6 2023	14
92	TDP-43蛋白病理与STMN2隐蔽剪接以及多聚腺苷酸化	MECHANISM OF STMN2 CRYPTIC SPLICE-POLYADENYLATION AND ITS CORRECTION FOR TDP-43 PROTEINOPATHIES	BAUGHN, MW UNIV CALIF SAN DIEGO	SCIENCE 379 (6637): - MAR 17 2023	13

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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
93	抗β-淀粉样蛋白药物引起的脑容量损失加速	ACCELERATED BRAIN VOLUME LOSS CAUSED BY ANTI-BETA-AMYLOID DRUGS A SYSTEMATIC REVIEW AND META-ANALYSIS	ALVES, F UNIV MELBOURNE	NEUROLOGY 100 (20): E2114-E2124 MAY 16 2023	12
94	儿童和青少年原发性头痛流行病学: 一项系统综述和元分析	PRIMARY HEADACHE EPIDEMIOLOGY IN CHILDREN AND ADOLESCENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS	ONOFRI, A UNIV AQUILA	JOURNAL OF HEADACHE AND PAIN 24 (1): - FEB 14 2023	11
95	成人轻度颅脑损伤后遗症与残疾: 一项系统综述和元分析	POST-CONCUSSION SYMPTOMS AND DISABILITY IN ADULTS WITH MILD TRAUMATIC BRAIN INJURY: A SYSTEMATIC REVIEW AND META-ANALYSIS	CANCELLIERE, C ONTARIO TECH UNIV	JOURNAL OF NEUROTRAUMA 40 (11-12): 1045-1059 JUN 2023	11
96	肠道菌群在阿尔茨海默病中的作用	THE GUT MICROBIOME IN ALZHEIMERS DISEASE: WHAT WE KNOW AND WHAT REMAINS TO BE EXPLORED	CHANDRA, S NORTHWESTERN UNIV	MOLECULAR NEURODEGENERATION 18 (1): - FEB 1 2023	10
97	躯体-认知行动网络与运动皮层中的执行区域	A SOMATO-COGNITIVE ACTION NETWORK ALTERNATES WITH EFFECTOR REGIONS IN MOTOR CORTEX	GORDON, EM WASHINGTON UNIV	NATURE : - APR 19 2023	10
98	组合药物治疗成人神经病理性疼痛: 一项系统综述和元分析	COMBINATION PHARMACOTHERAPY FOR THE TREATMENT OF NEUROPATHIC PAIN IN ADULTS: SYSTEMATIC REVIEW AND META-ANALYSIS	BALANASER, M QUEENS UNIV	PAIN 164 (2): 230-251 FEB 2023	10
99	综述无线脑电图	WIRELESS EEG: A SURVEY OF SYSTEMS AND STUDIES	NISO, G INDIANA UNIV	NEUROIMAGE 269: - APR 1 2023	9
100	小血管病研究的神经影像学标准-2013年以来的进展	NEUROIMAGING STANDARDS FOR RESEARCH INTO SMALL VESSEL DISEASE-ADVANCES SINCE 2013	DUERING, M UNIV HOSP	LANCET NEUROLOGY 22 (7): 602-618 JUL 2023	8
101	2023年动脉瘤性蛛网膜下腔出血患者管理指南: 美国心脏协会/美国中风协会指南	2023 GUIDELINE FOR THE MANAGEMENT OF PATIENTS WITH ANEURYSMAL SUBARACHNOID HEMORRHAGE: A GUIDELINE FROM THE AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION	HOH, BL UNIV FLORIDA	STROKE 54 (7): E314-E370 JUL 2023	8

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102	慢性炎症对tau病变的影响	CHRONIC EFFECTS OF INFLAMMATION ON TAUOPATHIES	LANGWORTH-GREEN, C UCL	LANCET NEUROLOGY 22 (5): 430-442 MAY 2023	7
103	鞘内镇痛治疗癌症疼痛的有效性和安全性: 一项系统综述和元分析	EFFECTIVENESS AND SAFETY OF INTRATHECAL DRUG DELIVERY SYSTEMS FOR THE MANAGEMENT OF CANCER PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS	DUARTE, R UNIV LIVERPOOL	NEUROMODULATION 26 (6): 1126-1141 AUG 2023	6
104	脑-脊髓接口搭建“数字桥梁”,使瘫痪者恢复行走	WALKING NATURALLY AFTER SPINAL CORD INJURY USING A BRAIN-SPINE INTERFACE	LORACH, H ECOLE POLYTECH FED LAUSANNE	NATURE 618 (7963): 126-+ JUN 1 2023	6
105	综述静息态的脑电微状态的功能特点	THE FUNCTIONAL ASPECTS OF RESTING EEG MICROSTATES: A SYSTEMATIC REVIEW	TARAILIS, P VILNIUS UNIV	BRAIN TOPOGRAPHY : - MAY 10 2023	6
106	弹涂鱼和四足动物眨眼的起源都与它们在陆地上生活有关	THE ORIGIN OF BLINKING IN BOTH MUDSKIPPERS AND TETRAPODS IS LINKED TO LIFE ON LAND	AIELLO, BR SETON HILL UNIV	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 120 (18): - MAY 2 2023	6
107	草酮鼻喷雾剂治疗难治性抑郁的安全性和疗效	LONG-TERM SAFETY AND MAINTENANCE OF RESPONSE WITH Esketamine Nasal Spray in Participants with Treatment-Resistant Depression: Interim Results of the SUSTAIN-3 Study	ZAKI, N JANSSEN RES & DEV LLC	NEUROPSYCHOPHARMAC OLOGY 48 (8): 1225-1233 JUL 2023	5
108	整体治疗反应: 脊髓刺激临床结果评估的国际专家小组定义和标准	HOLISTIC TREATMENT RESPONSE: AN INTERNATIONAL EXPERT PANEL DEFINITION AND CRITERIA FOR A NEW PARADIGM IN THE ASSESSMENT OF CLINICAL OUTCOMES OF SPINAL CORD STIMULATION	LEVY, RM ANESTHESIA PAIN CARE CONSULTANTS	NEUROMODULATION 26 (5): 1015-1022 JUL 2023	5
109	抑郁可减少认知努力, 而悲伤情绪则增加认知努力	ECONOMIC CHOICE AND HEART RATE FRACTAL SCALING INDICATE THAT COGNITIVE EFFORT IS REDUCED BY DEPRESSION AND BOOSTED BY SAD MOOD	WESTBROOK, A BROWN UNIV	BIOLOGICAL PSYCHIATRY-COGNITIVE NEUROSCIENCE AND NEUROIMAGING 8 (7): 687- 694 JUL 2023	4
110	1990-2030年缺血性卒中的全球负担、危险因素分析和预测研究	GLOBAL BURDEN, RISK FACTOR ANALYSIS, AND PREDICTION STUDY OF ISCHEMIC STROKE, 1990-2030	FAN, JH TONGJI UNIV	NEUROLOGY 101 (2): E137- E150 JUL 11 2023	4

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发布日期：2023年12月30日

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