



# 神经科学与行为领域 热点论文

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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2024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2022年6月至2024年6月发表的文章中，在2024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2024年11月14日。

本期发布神经科学与行为领域热点文章111篇，其中首次入榜文章45篇。单篇最高被引864次，最低被引3次。“2023 ALZHEIMERS DISEASE FACTS AND FIGURES”在本期热点论文数据中被引频次最高，这篇文章回顾了2023年阿尔茨海默病的数据，描述了阿尔茨海默病的公共健康影响。

首次入榜的45篇中单篇最高被引68次的文章是由西班牙巴塞罗那自治大学Carmen Tur发表的，论文题目为“ASSOCIATION OF EARLY PROGRESSION INDEPENDENT OF RELAPSE ACTIVITY WITH LONG-TERM DISABILITY AFTER A FIRST DEMYELINATING EVENT IN MULTIPLE SCLEROSIS”，介绍了多发性硬化症首次脱髓鞘事件后，与复发活动无关的疾病进展和长期残疾的关联。

首次入榜文章有：

### 多发性硬化症：

- 37: 多发性硬化症首次脱髓鞘事件后，与复发活动无关的疾病进展和长期残疾的关联；
- 48: 通过孟德尔随机化分析确定多发性硬化症的潜在药物靶点；
- 55: 血清gfap和NFL水平可区分进展性多发性硬化症患者的后续病情进展和疾病活动性；
- 71: 系统综述多发性硬化症中独立于复发活动的进展的统一定义；

### 卒中：

- 46: 缺血性和出血性卒中后的认知障碍：美国心脏协会/美国卒中协会的科学声明；
- 66: 急性缺血性和出血性卒中的神经炎症；
- 91: 机器学习在卒中医学中的应用：进展、挑战与未来前景；
- 108: 替奈普酶与阿替普酶在发病4.5小时内卒中溶栓治疗中的比较：一项多中心、随机、对照、3期非有效性试验；
- 111: 大脑后动脉卒中的介入与药物治疗：基线NIHSS评分和闭塞部位的影响；

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 2024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	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	864
2	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	507
3	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	288
4	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	268
5	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	250
6	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 R EGISTRY US	NEURO-ONCOLOGY 24: III1-III38 SUPPL. 3 SP. ISS. SI SEP 6 2022	182
7	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	174
8	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	164

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9	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	160
10	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	157
11	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	141
12	新冠后遗症的神经生物学	THE NEUROBIOLOGY OF LONG COVID	MONJE, M STANFORD UNIV	NEURON 110 (21): 3484-3496 NOV 2 2022	141
13	阿尔茨海默病和其他痴呆症的全球、地区和国家级负担, 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	134
14	具有Lewy病理的脑 $\alpha$ -突触核蛋白聚集的结构	STRUCTURES OF A-SYNUCLEIN FILAMENTS FROM HUMAN BRAINS WITH LEWY PATHOLOGY	YANG, Y MED RES COUNCIL LAB MOL BIOL	NATURE 610 (7933): 791-+ OCT 27 2022	131
15	健康和疾病中中枢神经系统星形胶质细胞多样性和形态的分子基础	MOLECULAR BASIS OF ASTROCYTE DIVERSITY AND MORPHOLOGY ACROSS THE CNS IN HEALTH AND DISEASE	ENDO, F UNIV CALIF LOS ANGELES	SCIENCE 378 (6619): 514-+ NOV 4 2022	130
16	前驱期阿尔茨海默病的10种血浆磷酸化TAU蛋白测定的头对头比较	HEAD-TO-HEAD COMPARISON OF 10 PLASMA PHOSPHO-TAU ASSAYS IN PRODROMAL ALZHEIMERS DISEASE	JANELIDZE, S LUND UNIV	BRAIN 146 (4): 1592-1601 APR 19 2023	129
17	将神经递质系统映射到人类新皮质的结构和功能组织	MAPPING NEUROTRANSMITTER SYSTEMS TO THE STRUCTURAL AND FUNCTIONAL ORGANIZATION OF THE HUMAN NEOCORTEX	HANSEN, JY MCGILL UNIV	NATURE NEUROSCIENCE 25 (11): 1569-+ NOV 2022	127

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18	阿尔茨海默病中的APOE: 病理生理学和策略	APOE IN ALZHEIMERS DISEASE: PATHOPHYSIOLOGY AND THERAPEUTIC STRATEGIES	RAULIN, AC MAYO CLIN	MOLECULAR NEURODEGENERATION 17 (1): - NOV 8 2022	122
19	阿尔茨海默病中的突触退化	SYNAPTIC DEGENERATION IN ALZHEIMER DISEASE	TZIORAS, M UNIV LEIPZIG	NATURE REVIEWS NEUROLOGY 19 (1): 19-38 JAN 2023	117
20	脊髓损伤: 2019年全球疾病负担研究的全球发病率、患病率和致残率	SPINAL CORD INJURY: THE GLOBAL INCIDENCE, PREVALENCE, AND DISABILITY FROM THE GLOBAL BURDEN OF DISEASE STUDY 2019	DING, WZ HUAZHONG UNIV SCI & TECHNOL	SPINE 47 (21): 1532-1540 NOV 1 2022	114
21	小胶质细胞调控中枢神经系统髓鞘的生长并维持其完整性	MICROGLIA REGULATE CENTRAL NERVOUS SYSTEM MYELIN GROWTH AND INTEGRITY	MCNAMARA, NB UNIV EDINBURGH	NATURE 613 (7942): 120-+ JAN 5 2023	111
22	CAMKII: 突触可塑性学习和记忆核心分子组织者	CAMKII: A CENTRAL MOLECULAR ORGANIZER OF SYNAPTIC PLASTICITY, LEARNING AND MEMORY	YASUDA, R MAX PLANCK FLORIDA INST NEUROSCI	NATURE REVIEWS NEUROSCIENCE 23 (11): 666-682 NOV 2022	109
23	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	108
24	精神分裂症的认知障碍: 病因、病理生理学和策略	COGNITIVE IMPAIRMENT IN SCHIZOPHRENIA: AETIOLOGY, PATHOPHYSIOLOGY, AND TREATMENT	MCCUTCHEON, RA UNIV OXFORD	MOLECULAR PSYCHIATRY 28 (5): 1902-1918 MAY 2023	101
25	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 617 (7960): 351-+ MAY 11 2023	100
26	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	99

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27	致幻剂可直接与BDNF受体TrkB结合促进可塑性	PSYCHEDELICS PROMOTE PLASTICITY BY DIRECTLY BINDING TO BDNF RECEPTOR TRKB	MOLINER, R UNIV HELSINKI	NATURE NEUROSCIENCE 26 (6): 1032-+ JUN 2023	96
28	反应性星形胶质细胞在神经炎症和神经退行性疾病中的功能作用	FUNCTIONAL ROLES OF REACTIVE ASTROCYTES IN NEUROINFLAMMATION AND NEURODEGENERATION	PATANI, R UCL QUEEN SQ INST NEUROL	NATURE REVIEWS NEUROLOGY 19 (7): 395- 409 JUL 2023	95
29	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	90
30	CBTRUS统计报告：2016-2020年美国诊断的原发性脑肿瘤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 2016-2020	OSTROM, QT CENT BRAIN TUMOR REGISTRY US	NEURO-ONCOLOGY 25: - SUPPL. 4 SP. ISS. SI OCT 4 2023	87
31	髓鞘功能障碍导致阿尔茨海默病模型中的A $\beta$ 沉积	MYELIN DYSFUNCTION DRIVES AMYLOID-B DEPOSITION IN MODELS OF ALZHEIMERS DISEASE	DEPP, C MAX PLANCK INST MULTIDISCIPLINARY SCI	NATURE 618 (7964): 349- 357 JUN 8 2023	79
32	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 26 (3): 406-+ MAR 2023	77
33	偏头痛的全球流行病学及其对公共卫生和健康政策的影响	GLOBAL EPIDEMIOLOGY OF MIGRAINE AND ITS IMPLICATIONS FOR PUBLIC HEALTH AND HEALTH POLICY	STEINER, TJ NORWEGIAN UNIV SCI & TECHNOL	NATURE REVIEWS NEUROLOGY : - JAN 24 2023	75
34	默认模式网络20年综述	20 YEARS OF THE DEFAULT MODE NETWORK: A REVIEW AND SYNTHESIS	MENON, V STANFORD UNIV	NEURON 111 (16): 2469- 2487 AUG 16 2023	70
35	神经胶质瘤可重塑功能性神经回路并影响患者生存	GLIOBLASTOMA REMODELLING OF HUMAN NEURAL CIRCUITS DECREASES SURVIVAL	KRISHNA, S UNIV CALIF SAN FRANCISCO	NATURE 617 (7961): 599- 607 MAY 18 2023	69

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36	改变对大脑免疫的理解	TRANSFORMING THE UNDERSTANDING OF BRAIN IMMUNITY	CASTELLANI, G WEIZMANN INST SCI	SCIENCE 380 (6640): - APR 2023	69
37	多发性硬化症首次脱髓鞘事件后, 与复发活动无关的疾病进展和长期残疾的关联	ASSOCIATION OF EARLY PROGRESSION INDEPENDENT OF RELAPSE ACTIVITY WITH LONG-TERM DISABILITY AFTER A FIRST DEMYELINATING EVENT IN MULTIPLE SCLEROSIS	TUR, C UNIV AUTONOMA BARCELONA	JAMA NEUROLOGY 80 (2): 151-160 FEB 2023	68
38	临床实践和试验中用于阿尔茨海默病的血液生物标志物	BLOOD BIOMARKERS FOR ALZHEIMERS DISEASE IN CLINICAL PRACTICE AND TRIALS	HANSSON, O LUND UNIV	NATURE AGING 3 (5): 506-519 MAY 2023	66
39	北美地区帕金森病的发病率	INCIDENCE OF PARKINSON DISEASE IN NORTH AMERICA	WILLIS, AW UNIV PENN	NPJ PARKINSONS DISEASE 8 (1): - DEC 15 2022	65
40	用于语音解码的高性能神经假肢	A HIGH-PERFORMANCE SPEECH NEUROPROSTHESIS	WILLETT, FR STANFORD UNIV	NATURE 620 (7976): - AUG 31 2023	64
41	欧洲失眠指南: 2023年失眠诊断和治疗的最新进展	THE EUROPEAN INSOMNIA GUIDELINE: AN UPDATE ON THE DIAGNOSIS AND TREATMENT OF INSOMNIA 2023	RIEMANN, D UNIV FREIBURG	JOURNAL OF SLEEP RESEARCH 32 (6): - DEC 2023	64
42	DNA甲基化可推测哺乳动物寿命	UNIVERSAL DNA METHYLATION AGE ACROSS MAMMALIAN TISSUES	LU, AT UNIV CALIF LOS ANGELES	NATURE AGING 3 (9): 1144-+ SEP 2023	64
43	2019年全球痴呆症相关花费	THE WORLDWIDE COSTS OF DEMENTIA IN 2019	WIMO, A KAROLINSKA INST	ALZHEIMERS & DEMENTIA 19 (7): 2865- 2873 JUL 2023	61
44	成人大脑中细胞类型的转录组多样性	TRANSCRIPTOMIC DIVERSITY OF CELL TYPES ACROSS THE ADULT HUMAN BRAIN	SILETTI, K KAROLINSKA INST	SCIENCE 382 (6667): 175- + SP. ISS. SI OCT 13 2023	60

注: 红色字体为首次入榜的热点论文。



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45	1990年至2021年全球、地区及国家范围内神经系统疾病负担：2021年全球疾病负担研究的系统分析	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF DISORDERS AFFECTING THE NERVOUS SYSTEM, 1990-2021: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2021	STEINMETZ, JD UNIV WASHINGTON	LANCET NEUROLOGY 23 (4): 344-381 APR 2024	58
46	缺血性和出血性卒中后的认知障碍：美国心脏协会/美国卒中协会的科学声明	COGNITIVE IMPAIRMENT AFTER ISCHEMIC AND HEMORRHAGIC STROKE: A SCIENTIFIC STATEMENT FROM THE AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION	EL HUSSEINI, N UNIV DUKE	STROKE 54 (6): E272-E291 JUN 2023	58
47	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	58
48	通过孟德尔随机化分析确定多发性硬化症的潜在药物靶点	POTENTIAL DRUG TARGETS FOR MULTIPLE SCLEROSIS IDENTIFIED THROUGH MENDELIAN RANDOMIZATION ANALYSIS	LIN, JF CHINESE ACAD MED SCI & PEKING UNION MED COLL	BRAIN 146 (8): 3364-3372 AUG 1 2023	57
49	经颅磁刺激在神经系统疾病中的临床诊断价值：国际临床神经生理学联盟的最新报告	CLINICAL DIAGNOSTIC UTILITY OF TRANSCRANIAL MAGNETIC STIMULATION IN NEUROLOGICAL DISORDERS. UPDATED REPORT OF AN IFCN COMMITTEE	VUCIC, S UNIV SYDNEY	CLINICAL NEUROPHYSIOLOGY 150: 131-175 JUN 2023	57
50	高性能语音解码和虚拟形象控制神经假肢	A HIGH-PERFORMANCE NEUROPROSTHESIS FOR SPEECH DECODING AND AVATAR CONTROL	METZGER, SL UNIV CALIF SAN FRANCISCO	NATURE 620 (7976): 1037-+ AUG 31 2023	57
51	神经元 $\alpha$ -突触核蛋白疾病的生物学定义	A BIOLOGICAL DEFINITION OF NEURONAL A-SYNUCLEIN DISEASE: TOWARDS AN INTEGRATED STAGING SYSTEM FOR RESEARCH	SIMUNI, T NORTHWESTERN UNIV	LANCET NEUROLOGY 23 (2): 178-190 FEB 2024	56
52	小鼠全脑细胞类型的高分辨率转录组和空间图谱	A HIGH-RESOLUTION TRANSCRIPTOMIC AND SPATIAL ATLAS OF CELL TYPES IN THE WHOLE MOUSE BRAIN	YAO, ZZ ALLEN INST BRAIN SCI	NATURE 624 (7991): - DEC 14 2023	56
53	减轻全球卒中中负担的实用性解决方案：世界卒中组织与柳叶刀神经病学杂志委员会的联合倡议	PRAGMATIC SOLUTIONS TO REDUCE THE GLOBAL BURDEN OF STROKE A WORLD STROKE ORGANIZATION-LANCET NEUROLOGY COMMISSION	FEIGIN, VL AUCKLAND UNIV TECHNOL	LANCET NEUROLOGY 22 (12): 1160-1206 DEC 2023	56
54	帕金森病的生物学分类：SynNeurGE研究诊断标准	A BIOLOGICAL CLASSIFICATION OF PARKINSONS DISEASE: THE SYNNEURGE RESEARCH DIAGNOSTIC CRITERIA	HÖGLINGER, GU UNIV MUNICH	LANCET NEUROLOGY 23 (2): 191-204 FEB 2024	55

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55	血清GFAP和NFL水平可区分进展性多发性硬化症患者的后续病情进展和疾病活动性	SERUM GFAP AND NFL LEVELS DIFFERENTIATE SUBSEQUENT PROGRESSION AND DISEASE ACTIVITY IN PATIENTS WITH PROGRESSIVE MULTIPLE SCLEROSIS	BARRO, C HARVARD MED SCH	NEUROLOGY- NEUROIMMUNOLOGY & NEUROINFLAMMATION 10 (1): - JAN 2023	53
56	血清胶质纤维酸性蛋白与神经丝轻链作为多发性硬化病程进展的生物标志物的比较	SERUM GLIAL FIBRILLARY ACIDIC PROTEIN COMPARED WITH NEUROFILAMENT LIGHT CHAIN AS A BIOMARKER FOR DISEASE PROGRESSION IN MULTIPLE SCLEROSIS	MEIER, S VRIJE UNIV AMSTERDAM	JAMA NEUROLOGY 80 (3): 287-297 MAR 2023	52
57	炎症相关的功能和结构失调作为精神病理学通路	INFLAMMATION-RELATED FUNCTIONAL AND STRUCTURAL DYSCONNECTIVITY AS A PATHWAY TO PSYCHOPATHOLOGY	GOLDSMITH, DR EMORY UNIV	BIOLOGICAL PSYCHIATRY 93 (5): 405-418 MAR 1 2023	52
58	用mTOR抑制剂干预衰老	TARGETING THE BIOLOGY OF AGING WITH MTOR INHIBITORS	MANNICK, JB TORNADO THERAPEUT	NATURE AGING 3 (6): 642-660 JUN 2023	50
59	持续系统性炎症和血脑屏障破坏与长新冠相关认知功能损伤相关	BLOOD-BRAIN BARRIER DISRUPTION AND SUSTAINED SYSTEMIC INFLAMMATION IN INDIVIDUALS WITH LONG COVID-ASSOCIATED COGNITIVE IMPAIRMENT	GREENE, C TRINITY COLL DUBLIN	NATURE NEUROSCIENCE 27 (3): - MAR 2024	48
60	阿尔茨海默病的血液生物标志物: 全球医疗保健格局中的现状和愿景	BLOOD-BASED BIOMARKERS FOR ALZHEIMERS DISEASE: CURRENT STATE AND FUTURE USE IN A TRANSFORMED GLOBAL HEALTHCARE LANDSCAPE	HAMPEL, H EISAI INC	NEURON 111 (18): 2781-2799 SEP 20 2023	46
61	$\alpha$ -突触核蛋白在突触功能与功能障碍中的作用	A-SYNUCLEIN IN SYNAPTIC FUNCTION AND DYSFUNCTION	SHARMA, M WEILL CORNELL MED	TRENDS IN NEUROSCIENCES 46 (2): 153-166 FEB 2023	46
62	抑郁症的神经认知缺陷: 急性期和缓解期认知损伤的系统综述	NEUROCOGNITIVE DEFICITS IN DEPRESSION: A SYSTEMATIC REVIEW OF COGNITIVE IMPAIRMENT IN THE ACUTE AND REMITTED STATE	KRIESCHE, D HOSP UNIV MUNICH	EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE 273 (5): 1105- 1128 AUG 2023	45
63	MEG3 在模拟阿尔茨海默病的人源神经元异种移植模型中激活坏死性凋亡	MEG3 ACTIVATES NECROPTOSIS IN HUMAN NEURON XENOGRAFTS MODELING ALZHEIMERS DISEASE	BALUSU, S VIB KU LEUVEN CTR BRAIN & DIS RES	SCIENCE 381 (6663): 1176-+ SEP 15 2023	45
64	特化的星形胶质细胞在中枢神经系统中介导谷氨酸能神经递质传递	SPECIALIZED ASTROCYTES MEDIATE GLUTAMATERGIC GLIOTRANSMISSION IN THE CNS	DE CEGLIA, R UNIV LAUSANNE	NATURE 622 (7981): 120-+ OCT 5 2023	44

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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
65	血浆p-tau 217免疫检测法对阿尔茨海默病诊断准确性的提升	DIAGNOSTIC ACCURACY OF A PLASMA PHOSPHORYLATED TAU 217 IMMUNOASSAY FOR ALZHEIMER DISEASE PATHOLOGY	ASHTON, NJ UNIV GOTHENBURG	JAMA NEUROLOGY 81 (3): 255-263 MAR 2024	44
66	急性缺血性和出血性卒中的神经炎症	NEUROINFLAMMATION IN ACUTE ISCHEMIC AND HEMORRHAGIC STROKE	ALSBROOK, DL UNIV TENNESSEE HLTH SCI CTR	CURRENT NEUROLOGY AND NEUROSCIENCE REPORTS 23 (8): 407-431 AUG 2023	43
67	儿童与成人脑死亡——基于神经学标准的死亡共识指南	PEDIATRIC AND ADULT BRAIN DEATH/DEATH BY NEUROLOGIC CRITERIA CONSENSUS GUIDELINE	GREER, DM BOSTON UNIV	NEUROLOGY 101 (24): 1112-1132 DEC 12 2023	37
68	阿尔茨海默病患者的肠道菌群导致认知缺陷和海马神经发生	MICROBIOTA FROM ALZHEIMERS PATIENTS INDUCE DEFICITS IN COGNITION AND HIPPOCAMPAL NEUROGENESIS	GRABRUCKER, S UNIV COLL CORK	BRAIN 146 (12): 4916-4934 DEC 1 2023	36
69	小鼠全脑细胞类型图谱构建	MOLECULARLY DEFINED AND SPATIALLY RESOLVED CELL ATLAS OF THE WHOLE MOUSE BRAIN	ZHANG, M HARVARD UNIV	NATURE 624 (7991): - DEC 14 2023	36
70	精神分裂症的发病率、患病率及全球疾病负担：基于全球疾病负担2019数据的批判性评估	INCIDENCE, PREVALENCE, AND GLOBAL BURDEN OF SCHIZOPHRENIA-DATA, WITH CRITICAL APPRAISAL, FROM THE GLOBAL BURDEN OF DISEASE (GBD) 2019	SOLMI, M UNIV OTTAWA	MOLECULAR PSYCHIATRY 28 (12): 5319-5327 DEC 2023	33
71	系统综述多发性硬化症中独立于复发活动的进展的统一定义	HARMONIZING DEFINITIONS FOR PROGRESSION INDEPENDENT OF RELAPSE ACTIVITY IN MULTIPLE SCLEROSIS A SYSTEMATIC REVIEW	MÜLLER, J UNIV HOSP BASEL	JAMA NEUROLOGY 80 (11): 1232-1245 NOV 2023	30
72	帕金森病药物治疗的临床试验进展	PARKINSONS DISEASE DRUG THERAPIES IN THE CLINICAL TRIAL PIPELINE: 2023 UPDATE	MCFARTHING, K MICHAEL J FOX FDN PARKINSONS R ES	JOURNAL OF PARKINSONS DISEASE 13 (4): 427-439 2023	29
73	多胺代谢产物亚精胺通过增强线粒体自噬来恢复女性生殖衰老中的卵子质量	POLYAMINE METABOLITE SPERMIDINE REJUVENATES OOCYTE QUALITY BY ENHANCING MITOPHAGY DURING FEMALE REPRODUCTIVE AGING	ZHANG, Y NANJING AGR UNIV	NATURE AGING 3 (11): 1372-+ NOV 2023	29
74	基于扣带回神经动力学的深部脑刺激追踪抑郁症恢复过程	CINGULATE DYNAMICS TRACK DEPRESSION RECOVERY WITH DEEP BRAIN STIMULATION	ALAGAPAN, S GEORGIA INST TECHNOL	NATURE 622 (7981): - OCT 5 2023	28

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75	2024年阿尔茨海默病事实与数据报告	2024 ALZHEIMERS DISEASE FACTS AND FIGURES	[ANONYMOUS]	ALZHEIMERS & DEMENTIA 20 (5): 3708-3821 MAY 2024	27
76	在一项基于人群的认知衰老研究中抗淀粉样蛋白治疗的适格性	ELIGIBILITY FOR ANTI-AMYLOID TREATMENT IN A POPULATION-BASED STUDY OF COGNITIVE AGING	PITTOCK, RR MAYO CLIN	NEUROLOGY 101 (19): E1837-E1849 NOV 7 2023	27
77	微塑料污染物促进帕金森病相关的 $\alpha$ -突触核蛋白聚集	ANIONIC NANOPLASTIC CONTAMINANTS PROMOTE PARKINSONS DISEASE-ASSOCIATED A-SYNUCLEIN AGGREGATION	LIU, ZY UPPSALA UNIV	SCIENCE ADVANCES 9 (46): - NOV 17 2023	27
78	阿尔茨海默病患者的脑脊液蛋白质组学揭示了五种具有不同遗传风险谱的分子亚型	CEREBROSPINAL FLUID PROTEOMICS IN PATIENTS WITH ALZHEIMERS DISEASE REVEALS FIVE MOLECULAR SUBTYPES WITH DISTINCT GENETIC RISK PROFILES	TIJMS, BM RIJE UNIV AMSTERDAM	NATURE AGING 4 (1): - JAN 2024	26
79	氯胺酮与快速抗抑郁作用机制：新疗法与新突触信号机制	KETAMINE AND RAPID ANTIDEPRESSANT ACTION: NEW TREATMENTS AND NOVEL SYNAPTIC SIGNALING MECHANISMS	KRYSTAL, JH YALE SCH MED	NEUROPSYCHOPHARMACOLOGY 49 (1): 41-50 JAN 2024	26
80	血浆A $\beta$ 42/A $\beta$ 40和磷酸化tau217浓度比值提高了早期阿尔茨海默病患者淀粉样蛋白PET分类的准确性	PLASMA ASS42/ASS40 AND PHOSPHO-TAU217 CONCENTRATION RATIOS INCREASE THE ACCURACY OF AMYLOID PET CLASSIFICATION IN PRECLINICAL ALZHEIMERS DISEASE	RISSMAN, RA UNIV CALIF SAN DIEGO	ALZHEIMERS & DEMENTIA 20 (2): 1214-1224 FEB 2024	24
81	多感官40Hz $\gamma$ 波刺激可促进淀粉样蛋白的清除	MULTISENSORY GAMMA STIMULATION PROMOTES GLYMPHATIC CLEARANCE OF AMYLOID	MURDOCK, MH MIT	NATURE : - FEB 28 2024	20
82	1990年至2019年全球、区域和国家脊髓损伤负担：2019年全球疾病负担研究的系统分析	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF SPINAL CORD INJURY, 1990-2019: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2019	SAFDARIAN, M PARACELSUS MED UNIV	LANCET NEUROLOGY 22 (11): 1026-1047 NOV 2023	19
83	肠道菌群、循环细胞因子与痴呆症：一项孟德尔随机化研究	GUT MICROBIOTA, CIRCULATING CYTOKINES AND DEMENTIA: A MENDELIAN RANDOMIZATION STUDY	JI, D ANHUI MED UNIV	JOURNAL OF NEUROINFLAMMATION 21 (1): - JAN 4 2024	16

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84	鼻咽淋巴丛是脑脊液引流的枢纽	NASOPHARYNGEAL LYMPHATIC PLEXUS IS A HUB FOR CEREBROSPINAL FLUID DRAINAGE	YOON, JH INST FOR BASIC SCI KOREA	NATURE 625 (7996): - JAN 25 2024	16
85	阿尔茨海默病诊断和分期的修订标准: 阿尔茨海默病协会工作组	REVISED CRITERIA FOR DIAGNOSIS AND STAGING OF ALZHEIMERS DISEASE: ALZHEIMERS ASSOCIATION WORKGROUP	JACK JR, CR MAYO CLIN	ALZHEIMERS & DEMENTIA 20 (8): 5143-5169 AUG 2024	15
86	人类大脑皮质的超高分辨率重建	A PETAVOXEL FRAGMENT OF HUMAN CEREBRAL CORTEX RECONSTRUCTED AT NANOSCALE RESOLUTION	SHAPSON-COE, A HARVARD UNIV	SCIENCE 384 (6696): - MAY 10 2024	15
87	血浆蛋白质组学预测健康成年人未来的痴呆风险	PLASMA PROTEOMIC PROFILES PREDICT FUTURE DEMENTIA IN HEALTHY ADULTS	GUO, Y FUDAN UNIV	NATURE AGING 4 (2): - FEB 2024	15
88	敲除YTHDF1 (非YTHDF3) 可减轻创伤性脑损伤后的脑部和肠道损伤	DELETION OF YTHDF1 (NOT YTHDF3) REDUCED BRAIN AND GUT DAMAGE AFTER TRAUMATIC BRAIN INJURY	ZHAO, W NANJING MED UNIV	NEUROLOGICAL RESEARCH : - AUG 1 2024	15
89	神经丝作为神经系统疾病生物标志物的临床应用研究	NEUROFILAMENTS AS BIOMARKERS IN NEUROLOGICAL DISORDERS - TOWARDS CLINICAL APPLICATION	KHALIL, M MED UNIV GRAZ	NATURE REVIEWS NEUROLOGY 20 (5): 269-287 MAY 2024	14
90	种子扩增试验在脑脊液和脑组织中对Lewy疾病阶段和病理负担的性能	PERFORMANCE OF A SEED AMPLIFICATION ASSAY FOR MISFOLDED ALPHA-SYNUCLEIN IN CEREBROSPINAL FLUID AND BRAIN TISSUE IN RELATION TO LEWY BODY DISEASE STAGE AND PATHOLOGY BURDEN	BENTIVENGA, GM UNIV BOLOGNA	ACTA NEUROPATHOLOGICA 147 (1): - JUN 2024	13
91	机器学习在卒中医学中的应用: 进展、挑战与未来前景	MACHINE LEARNING APPLICATIONS IN STROKE MEDICINE: ADVANCEMENTS, CHALLENGES, AND FUTURE PROSPECTIVES	DAIDONE, M UNIV PALERMO	NEURAL REGENERATION RESEARCH 19 (4): 769-773 APR 2024	13
92	司美格鲁肽在减少大麻使用障碍发病率和复发中的作用: 现实世界研究	ASSOCIATION OF SEMAGLUTIDE WITH REDUCED INCIDENCE AND RELAPSE OF CANNABIS USE DISORDER IN REAL-WORLD POPULATIONS: A RETROSPECTIVE COHORT STUDY	WANG, W CASE WESTERN RESERVE UNIV	MOLECULAR PSYCHIATRY : - MAR 14 2024	11

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93	重症肌无力的治疗新局面：分子疗法时代的变化	MYASTHENIA GRAVIS: THE CHANGING TREATMENT LANDSCAPE IN THE ERA OF MOLECULAR THERAPIES	IORIO, R UNIV CATTOLICA SACRO CUORE	NATURE REVIEWS NEUROLOGY 20 (2): 84-98 FEB 2024	10
94	调节身体炎症反应的身体-大脑神经回路	A BODY-BRAIN CIRCUIT THAT REGULATES BODY INFLAMMATORY RESPONSES	JIN, H COLUMBIA UNIV	NATURE 630 (8017): - JUN 20 2024	10
95	脑静脉血栓形成的诊断与管理：美国心脏协会的科 学声明	DIAGNOSIS AND MANAGEMENT OF CEREBRAL VENOUS THROMBOSIS: A SCIENTIFIC STATEMENT FROM THE AMERICAN HEART ASSOCIATION	SAPOSNIK, G -	STROKE 55 (3): E77-E90 MAR 2024	10
96	基于生物标志物诊断神经 认知障碍的欧洲跨学会建 议	EUROPEAN INTERSOCIETAL RECOMMENDATIONS FOR THE BIOMARKER-BASED DIAGNOSIS OF NEUROCOGNITIVE DISORDERS	FRISONI, GB UNIV GENEVA	LANCET NEUROLOGY 23 (3): 302-312 MAR 2024	9
97	经过优化的海马几何表征 结构满足社会记忆的计算 需求	TUNED GEOMETRIES OF HIPPOCAMPAL REPRESENTATIONS MEET THE COMPUTATIONAL DEMANDS OF SOCIAL MEMORY	BOYLE, LM COLUMBIA UNIV	NEURON 112 (8): - APR 17 2024	9
98	自杀的脑结构和功能损伤 网络定位	BRAIN STRUCTURAL AND FUNCTIONAL DAMAGE NETWORK LOCALIZATION OF SUICIDE	ZHANG, XH ANHUI MED UNIV	BIOLOGICAL PSYCHIATRY 95 (12): 1091-1099 JUN 15 2024	9
99	神经炎症在神经退行性疾 病中的作用：当前理解与 未来治疗靶点	THE ROLE OF NEUROINFLAMMATION IN NEURODEGENERATIVE DISEASES: CURRENT UNDERSTANDING AND FUTURE THERAPEUTIC TARGETS	ADAMU, A SHANXI MED UNIV	FRONTIERS IN AGING NEUROSCIENCE 16: - APR 12 2024	8
100	小胶质细胞中线粒体复合 体I活性维持神经炎症	MITOCHONDRIAL COMPLEX I ACTIVITY IN MICROGLIA SUSTAINS NEUROINFLAMMATION	PERUZZOTTI-JAMETTI, L UNIV CAMBRIDGE	NATURE 628 (8006): - APR 4 2024	7
101	反平行堆积共价有机框架 的孔隙环境工程在碘污染 物捕获中的应用	ENGINEERING THE PORE ENVIRONMENT OF ANTIPARALLEL STACKED COVALENT ORGANIC FRAMEWORKS FOR CAPTURE OF IODINE POLLUTANTS	XIE, YH NORTH CHINA ELECT POWER UNIV	NATURE COMMUNICATIONS 15 (1): - MAR 26 2024	7

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102	淀粉样蛋白病理血液生物标志物测试的可接受性能——来自阿尔茨海默病全球CEO的倡议	ACCEPTABLE PERFORMANCE OF BLOOD BIOMARKER TESTS OF AMYLOID PATHOLOGY - RECOMMENDATIONS FROM THE GLOBAL CEO INITIATIVE ON ALZHEIMERS DISEASE	SCHINDLER, SE WASHINGTON UNIV	NATURE REVIEWS NEUROLOGY 20 (7): 426-439 JUL 2024	6
103	SGLT2抑制剂清除衰老细胞并延缓病理性衰老	SGLT2 INHIBITION ELIMINATES SENESCENT CELLS AND ALLEVIATES PATHOLOGICAL AGING	KATSUUMI, G JUNTENDO UNIV	NATURE AGING 4 (7): - JUL 2024	6
104	主要先天性畸形的风险和暴露于抗癫痫药物单一疗法	RISK OF MAJOR CONGENITAL MALFORMATIONS AND EXPOSURE TO ANTIEPILEPTIC DRUG MONOTHERAPY	BATTINO, D FDN IRCCS IST NEUROL CARLO BESTA	JAMA NEUROLOGY 81 (5): 481-489 MAY 2024	6
105	神经元集群：神经回路的基本构建块	NEURONAL ENSEMBLES : BUILDING BLOCKS OF NEURAL CIRCUITS	YUSTE, R COLUMBIA UNIV	NEURON 112 (6): 875-892 MAR 20 2024	6
106	单细胞分辨率下语言理解过程中的语义编码	SEMANTIC ENCODING DURING LANGUAGE COMPREHENSION AT SINGLE-CELL RESOLUTION	JAMALI, M HARVARD MED SCH	NATURE 631 (8021): - JUL 18 2024	3
107	腺苷信号对星形胶质细胞的作用协调大脑代谢与功能	ADENOSINE SIGNALLING TO ASTROCYTES COORDINATES BRAIN METABOLISM AND FUNCTION	THEPARAMBIL, SM UCL	NATURE 632 (8023): - AUG 1 2024	3
108	替奈普酶与阿替普酶在发病4.5小时内卒中溶栓治疗中的比较：一项多中心、随机、对照、3期非有效性试验	TENECTEPLASE VERSUS ALTEPLASE FOR THROMBOLYSIS IN PATIENTS SELECTED BY USE OF PERFUSION IMAGING WITHIN 4<MIDDLE DOT>5 H OF ONSET OF ISCHAEMIC STROKE (TASTE): A MULTICENTRE, RANDOMISED, CONTROLLED, PHASE 3 NON-INFERIORITY TRIAL	PARSONS, MW UNIV NEW SOUTH WALES	LANCET NEUROLOGY 23 (8): 775-786 AUG 2024	3
109	前额叶皮质多巴胺在帕金森病执行功能中起着多方面的作用	DOPAMINE IN THE PREFRONTAL CORTEX PLAYS MULTIPLE ROLES IN THE EXECUTIVE FUNCTION OF PATIENTS WITH PARKINSONS DISEASE	ZHOU, ZH XUZHOU MED UNIV	NEURAL REGENERATION RESEARCH 19 (8): 1759-1767 AUG 2024	3
110	灵长类上丘脑区对人脸的短潜伏期偏好依赖于视觉皮层	SHORT-LATENCY PREFERENCE FOR FACES IN PRIMATE SUPERIOR COLLICULUS DEPENDS ON VISUAL CORTEX	YU, GC NEI	NEURON 112 (16): - AUG 21 2024	3
111	大脑后动脉卒中的介入与药物治疗：基线NIHSS评分和闭塞部位的影响	ENDOVASCULAR VERSUS MEDICAL THERAPY IN POSTERIOR CEREBRAL ARTERY STROKE: ROLE OF BASELINE NIHSS SCORE AND OCCLUSION SITE	STRAMBO, D UNIV HOSP LAUSANNE	STROKE 55 (7): 1787-1797 JUL 2024	3

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