



神经科学与行为领域 热点论文

05

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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9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3月至2024年3月发表的文章中，在2024年5月和6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9月12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676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40篇中单篇最高被引49次的文章是由哥伦比亚大学R. WAZIRY发表的，论文题目为“EFFECT OF LONG-TERM CALORIC RESTRICTION ON DNA METHYLATION MEASURES OF BIOLOGICAL AGING IN HEALTHY ADULTS FROM THE CALERIE TRIAL”，介绍了长期热量限制对健康成人DNA甲基化生物老化指标的影响。

首次入榜文章有：

阿尔茨海默病：

76：针对阿尔茨海默病的tau靶向疗法：现状和未来方向；

83：不同年龄、性别和族裔中的APOE基因型与阿尔茨海默病风险；

84：血浆A β 42/A β 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；

90：APOE4/4与阿尔茨海默症的小胶质细胞损伤性脂滴的关系；

97：识别衰老及阿尔茨海默病模型小鼠脑中表达trem2的衰老小胶质细胞；

107：散发性阿尔茨海默病中生物标志物变化的时间序列；

110：调节性细胞死亡及其在阿尔茨海默病和肌萎缩侧索硬化症中的作用；

疼痛：

91：头痛的健康公平、护理可及性和质量 - 第一部分；

104：儿科慢性疼痛临床试验测量的新建议：来自CORE-OPPP工作组的多阶段方法；

109：依瑞奈尤单抗的早期使用与非特异性口服偏头痛预防药物的比较；

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9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	676
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	440
3	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	313
4	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 28 (8): 3243-3256 AUG 2023	272
5	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	235
6	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	234
7	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	231
8	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	204

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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	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	183
10	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	177
11	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	149
12	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	142
13	使用 α 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	141
14	2022 EHF指南: 应用靶 向降钙素基因相关肽通 路的单克隆抗体预防偏 头痛	EUROPEAN HEADACHE FEDERATION GUIDELINE ON THE USE OF MONOCLONAL ANTIBODIES TARGETING THE CALCITONIN GENE RELATED PEPTIDE PATHWAY FOR MIGRAINE PREVENTION-2022 UPDATE	SACCO, S UNIV AQUILA	JOURNAL OF HEADACHE AND PAIN 23 (1): - DEC 2022	136
15	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	120
16	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	118
17	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 ORGANIDS	REVAH, O STANFORD UNIV	NATURE 610 (7931): 319-+ OCT 13 2022	116

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18	LECANEMAB、ADUCANUMAB和GANTENERUMAB——与不同形式的淀粉样蛋白 β 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 20 (1): 195-206 JAN 2023	116
19	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	115
20	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	111
21	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	110
22	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	107
23	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	107
24	阿尔茨海默病中的APOE：病理生理学和治理策略	APOE IN ALZHEIMERS DISEASE: PATHOPHYSIOLOGY AND THERAPEUTIC STRATEGIES	RAULIN, AC MAYO CLIN	MOLECULAR NEURODEGENERATION 17 (1): - NOV 8 2022	99
25	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	99
26	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	97

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27	全球耳鸣患病率和发病率的系统回顾和元分析	GLOBAL PREVALENCE AND INCIDENCE OF TINNITUS A SYSTEMATIC REVIEW AND META-ANALYSIS	JARACH, CM IST RIC FARMACOL MARIO NEGRI	JAMA NEUROLOGY 79 (9): 888-900 SEP 2022	96
28	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	96
29	星形胶质细胞参与神经退行性疾病的功能障碍、风险和进展	ASTROCYTE CONTRIBUTION TO DYSFUNCTION, RISK AND PROGRESSION IN NEURODEGENERATIVE DISORDERS	BRANDEBURA, AN SALK INST BIOL STUDIES	NATURE REVIEWS NEUROSCIENCE 24 (1): 23-39 JAN 2023	92
30	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	91
31	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	88
32	病毒暴露和神经退行性疾病风险: 基于国家生物银行数据	VIRUS EXPOSURE AND NEURODEGENERATIVE DISEASE RISK ACROSS NATIONAL BIOBANKS	LEVINE, KS NIA	NEURON 111 (7): 1086-+ APR 5 2023	85
33	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	83
34	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	82
35	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	80

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36	胶质母细胞瘤切除范围分类系统的预后验证：一份关于肿瘤切除的报告	PROGNOSTIC VALIDATION OF A NEW CLASSIFICATION SYSTEM FOR EXTENT OF RESECTION IN GLIOBLASTOMA: A REPORT OF THE RANO RESECT GROUP	KARSCHNIA, P LUDWIG MAXIMILIANS UNIV MUNCHEN	NEURO-ONCOLOGY 25 (5): 940-954 MAY 4 2023	75
37	精神分裂症的认知障碍：病因、病理生理学和治疗	COGNITIVE IMPAIRMENT IN SCHIZOPHRENIA: AETIOLOGY, PATHOPHYSIOLOGY, AND TREATMENT	MCCUTCHEON, RA UNIV OXFORD	MOLECULAR PSYCHIATRY 28 (5): 1902-1918 MAY 2023	73
38	小胶质细胞容易受到铁死亡影响，从而导致神经退行性疾病	MICROGLIA FERROPTOSIS IS REGULATED BY SEC24B AND CONTRIBUTES TO NEURODEGENERATION	RYAN, SK SANOFI	NATURE NEUROSCIENCE 26 (1): 12-+ JAN 2023	73
39	脑源性TAU蛋白：阿尔茨海默病相关神经退行性病变的一种新的基于血液的生物标记	BRAIN-DERIVED TAU: A NOVEL BLOOD-BASED BIOMARKER FOR ALZHEIMERS DISEASE-TYPE NEURODEGENERATION	GONZALEZ-ORTIZ, F UNIV GOTHENBURG	BRAIN 146 (3): 1152-1165 MAR 1 2023	70
40	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	63
41	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	63
42	髓鞘功能障碍导致阿尔茨海默病模型中的A β 沉积	MYELIN DYSFUNCTION DRIVES AMYLOID-B DEPOSITION IN MODELS OF ALZHEIMERS DISEASE	DEPP, C MAX PLANCK INST MULTIDISCIPLINAR Y SCI	NATURE 618 (7964): - JUN 8 2023	62
43	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	60
44	人脑功能的几何约束	GEOMETRIC CONSTRAINTS ON HUMAN BRAIN FUNCTION	PANG, JC MONASH UNIV	NATURE 618 (7965): - JUN 15 2023	60

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45	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	60
46	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	55
47	糖尿病视网膜病变中的炎症: 致病机制和治疗的潜在影响	INFLAMMATION IN DIABETIC RETINOPATHY: POSSIBLE ROLES IN PATHOGENESIS AND POTENTIAL IMPLICATIONS FOR THERAPY	TANG, L TONGJI UNIV	NEURAL REGENERATION RESEARCH 18 (5): 976-982 MAY 2023	54
48	携带血脑屏障运输载体的TREM2激活抗体增强阿尔茨海默病模型中的小胶质细胞代谢	A TREM2-ACTIVATING ANTIBODY WITH A BLOOD-BRAIN BARRIER TRANSPORT VEHICLE ENHANCES MICROGLIAL METABOLISM IN ALZHEIMERS DISEASE MODELS	VAN LENGERICH, B DENALI THERAPEUT INC	NATURE NEUROSCIENCE 26 (3): 416-+ MAR 2023	54
49	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	51
50	EB病毒作为多发性硬化症的主要原因: 机制和意义	EPSTEIN-BARR VIRUS AS A LEADING CAUSE OF MULTIPLE SCLEROSIS: MECHANISMS AND IMPLICATIONS	BJORNEVIK, K HARVARD TH CHAN SCH PUBL HLTH	NATURE REVIEWS NEUROLOGY 19 (3): 160-171 MAR 2023	50
51	ROZANOLIXIZUMAB用于治疗全身型重症肌无力患者的安全性和有效性: 一项随机、双盲、安慰剂对照的三期研究	SAFETY AND EFFICACY OF ROZANOLIXIZUMAB IN PATIENTS WITH GENERALISED MYASTHENIA GRAVIS (MYCARING): A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED, ADAPTIVE PHASE 3 STUDY	BRIL, V UNIV HLTH NETWORK	LANCET NEUROLOGY 22 (5): 383-394 MAY 2023	50
52	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	49
53	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	49
54	长期热量限制对健康成人DNA甲基化生物老化指标的影响	EFFECT OF LONG-TERM CALORIC RESTRICTION ON DNA METHYLATION MEASURES OF BIOLOGICAL AGING IN HEALTHY ADULTS FROM THE CALERIE TRIAL	WAZIRY, R COLUMBIA UNIV	NATURE AGING 3 (3): 248-257 MAR 2023	49

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
55	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	46
56	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	45
57	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	44
58	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	44
59	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	44
60	成人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	42
61	左旋多巴在帕金森病中的等效剂量：最新的系统综述和建议	LEVODOPA DOSE EQUIVALENCY IN PARKINSONS DISEASE: UPDATED SYSTEMATIC REVIEW AND PROPOSALS	JOST, ST UNIV COLOGNE	MOVEMENT DISORDERS 38 (7): 1236-1252 JUL 2023	39
62	减轻全球脑卒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	38
63	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	36
64	慢性创伤性脑病（CTE）：神经病理学诊断标准及与头部反复撞击的关系	CHRONIC TRAUMATIC ENCEPHALOPATHY (CTE): CRITERIA FOR NEUROPATHOLOGICAL DIAGNOSIS AND RELATIONSHIP TO REPETITIVE HEAD IMPACTS	MCKEE, AC US DEPT VET AFFAIRS	ACTA NEUROPATHOLOGICA 145 (4): 371-394 APR 2023	35

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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	血小板因子减轻炎症并改善老年认知能力	PLATELET FACTORS ATTENUATE INFLAMMATION AND RESCUE COGNITION IN AGEING	SCHROER, AB UNIV CALIF SAN FRANCISCO	NATURE 620 (7976): - AUG 31 2023	35
66	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	33
67	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	33
68	欧洲神经内分泌肿瘤学会：2023年胰腺神经内分泌肿瘤指南	EUROPEAN NEUROENDOCRINE TUMOR SOCIETY 2023 GUIDANCE PAPER FOR FUNCTIONING PANCREATIC NEUROENDOCRINE TUMOUR SYNDROMES	HOFLAND, J ERASMUS MC CANC INST	JOURNAL OF NEUROENDOCRINOLOGY : - AUG 14 2023	30
69	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	30
70	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	27
71	神经元 α -突触核蛋白疾病的生物学定义	A BIOLOGICAL DEFINITION OF NEURONAL α -SYNUCLEIN DISEASE: TOWARDS AN INTEGRATED STAGING SYSTEM FOR RESEARCH	SIMUNI, T NORTHWESTERN UNIV	LANCET NEUROLOGY 23 (2): 178-190 FEB 2024	26
72	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	24
73	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	24
74	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	23

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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
75	楔前叶的功能性作用	THE FUNCTIONAL ROLE OF THE PRECUNEUS	DADARIO, NB RUTGERS STATE UNIV	BRAIN 146 (9): 3598-3607 SEP 1 2023	22
76	针对阿尔茨海默病的TAU靶向疗法: 现状和未来方向	TAU-TARGETING THERAPIES FOR ALZHEIMER DISEASE: CURRENT STATUS AND FUTURE DIRECTIONS	CONGDON, EE NYU	NATURE REVIEWS NEUROLOGY 19 (12): 715-736 DEC 2023	21
77	在脊髓性肌萎缩症无症状期启动诺西那生钠治疗的持续性益处: 基于NURTURE的五年研究	CONTINUED BENEFIT OF NUSINERSEN INITIATED IN THE PRESYMPTOMATIC STAGE OF SPINAL MUSCULAR ATROPHY: 5-YEAR UPDATE OF THE NURTURE STUDY	CRAWFORD, TO JOHNS HOPKINS UNIV	MUSCLE & NERVE 68 (2): 157-170 AUG 2023	20
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	17
79	成年小鼠软脑膜的分子解剖	MOLECULAR ANATOMY OF ADULT MOUSE LEPTOMENINGES	PIETILÄ, R UPPSALA UNIV	NEURON 111 (23): - DEC 6 2023	17
80	微塑料污染物促进帕金森病相关的 α -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	16
81	神经炎症、记忆和抑郁: 海马体神经新生的新方法	NEUROINFLAMMATION, MEMORY, AND DEPRESSION: NEW APPROACHES TO HIPPOCAMPAL NEUROGENESIS	WU, AB BEIJING INST BASIC MED SCI	JOURNAL OF NEUROINFLAMMATION 20 (1): - NOV 27 2023	15
82	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	15
83	不同年龄、性别和族裔中的APOE基因型与阿尔茨海默病风险	APOE GENOTYPE AND ALZHEIMER DISEASE RISK ACROSS AGE, SEX, AND POPULATION ANCESTRY	BELLOY, ME STANFORD UNIV	JAMA NEUROLOGY 80 (12): 1284-1294 DEC 2023	14

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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
84	血浆A β 42/A β 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	13
85	艾司氯胺酮与特定不良事件的相关性：深入探讨FAERS数据	THE CORRELATION OF ESKETAMINE WITH SPECIFIC ADVERSE EVENTS: A DEEP DIVE INTO THE FAERS DATABASE	JIANG, Y JIANGNAN UNIV	EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE : - DEC 16 2023	12
86	摆脱粒细胞缺乏症的长期阴影：对英国的氯氮平药物安全性警告的反思	ESCAPING THE LONG SHADOW CAST BY AGRANULOCYTOSIS REFLECTIONS ON CLOZAPINE PHARMACOVIGILANCE FOCUSED ON THE UNITED KINGDOM	DE LEON, J EASTERN STATE HOSP	JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY 43 (3): 239-245 MAY-JUN 2023	12
87	多感官40Hz γ 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	11
88	识别硬脑膜与大脑之间的直接连接	IDENTIFICATION OF DIRECT CONNECTIONS BETWEEN THE DURA AND THE BRAIN	SMYTH, LCD WASHINGTON UNIV ST LOUIS	NATURE : - FEB 7 2024	11
89	基于英国生物银行数据分析青少年痴呆症的危险因素	RISK FACTORS FOR YOUNG-ONSET DEMENTIA IN THE UK BIOBANK	HENDRIKS, S MAASTRICHT UNIV	JAMA NEUROLOGY 81 (2): 134-142 FEB 2024	11
90	APOE4/4与阿尔茨海默症的小胶质细胞损伤性脂滴的关系	APOE4/4 IS LINKED TO DAMAGING LIPID DROPLETS IN ALZHEIMERS DISEASE MICROGLIA	HANEY, MS STANFORD UNIV	NATURE 628 (8006): - APR 4 2024	10
91	头痛的健康公平、护理可及性和质量 - 第一部分	HEALTH EQUITY, CARE ACCESS AND QUALITY IN HEADACHE - PART 1	TANA, C SS ANNUNZIATA HOSP CHIETI	JOURNAL OF HEADACHE AND PAIN 25 (1): - JAN 29 2024	9
92	自适应长读长测序揭示ZFHX3基因中GGC重复扩增与脊髓小脑性共济失调4型相关	ADAPTIVE LONG-READ SEQUENCING REVEALS GGC REPEAT EXPANSION IN ZFHX3 ASSOCIATED WITH SPINOCEREBELLAR ATAXIA TYPE 4	CHEN, ZB UCL	MOVEMENT DISORDERS 39 (3): 486-497 MAR 2024	8

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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	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	8
94	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	8
95	小脑直接调节黑质多巴胺能活动	THE CEREBELLUM DIRECTLY MODULATES THE SUBSTANTIA NIGRA DOPAMINERGIC ACTIVITY	WASHBURN, S ALBERT EINSTEIN COLL MED	NATURE NEUROSCIENCE 27 (3): - MAR 2024	7
96	美国成人睡眠时长与表型年龄的倒U型关系：基于大量人口数据的研究	INVERTED U-SHAPED RELATIONSHIP BETWEEN SLEEP DURATION AND PHENOTYPIC AGE IN US ADULTS: A POPULATION-BASED STUDY	YOU, YW TSINGHUA UNIV	SCIENTIFIC REPORTS 14 (1): - MAR 15 2024	7
97	识别衰老及阿尔茨海默病模型小鼠脑中表达trem2的衰老小胶质细胞	IDENTIFICATION OF SENESCENT, TREM2-EXPRESSING MICROGLIA IN AGING AND ALZHEIMERS DISEASE MODEL MOUSE BRAIN	RACHMIAN, N WEIZMANN INST SCI	NATURE NEUROSCIENCE 27 (6): - JUN 2024	6
98	弥漫性中线胶质瘤的H3 K27和BRAF/FGFR1共变异：一种临床影像学和组织分子学特征	A NEW SUBTYPE OF DIFFUSE MIDLINE GLIOMA, H3 K27 AND BRAF/FGFR1 CO-ALTERED: A CLINICO-RADIOLOGICAL AND HISTOMOLECULAR CHARACTERISATION	AUFFRET, L UNIV PARIS SACLAY	ACTA NEUROPATHOLOGICA 147 (1): - JUN 2024	5
99	语言网络为人脑结构中独立且自然构成的网络类型	THE LANGUAGE NETWORK AS A NATURAL KIND WITHIN THE BROADER LANDSCAPE OF THE HUMAN BRAIN	FEDORENKO, E MIT	NATURE REVIEWS NEUROSCIENCE 25 (5): 289-312 MAY 2024	5
100	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	5
101	β -淀粉样蛋白、tau蛋白和 α -突触核蛋白加剧神经退行性疾病中血脑屏障的损伤	THE CONTRIBUTION OF B-AMYLOID, TAU AND A-SYNUCLEIN TO BLOOD-BRAIN BARRIER DAMAGE IN NEURODEGENERATIVE DISORDERS	WU, YC UNIV HELSINKI	ACTA NEUROPATHOLOGICA 147 (1): - JUN 2024	4

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102	伴有PIT1/SF1共表达的垂体神经内分泌肿瘤具有不同的临床病理和分子特征	PITUITARY NEUROENDOCRINE TUMORS WITH PIT1/SF1 CO-EXPRESSION SHOW DISTINCT CLINICOPATHOLOGICAL AND MOLECULAR FEATURES	DOTTERMUSCH, M UNIV MED CTR HAMBURG EPPENDORF	ACTA NEUROPATHOLOGICA 147 (1): - JUN 2024	4
103	异丙氢脱氢突变星形胶质细胞瘤患者的改进预后分层	IMPROVED PROGNOSTIC STRATIFICATION OF PATIENTS WITH ISOCITRATE DEHYDROGENASE-MUTANT ASTROCYTOMA	WELLER, M UNIV HOSP ZURICH	ACTA NEUROPATHOLOGICA 147 (1): - JUN 2024	4
104	儿科慢性疼痛临床试验测量的新建议: 来自CORE-OPPP工作组的多阶段方法	UPDATED RECOMMENDATIONS ON MEASURES FOR CLINICAL TRIALS IN PEDIATRIC CHRONIC PAIN: A MULTIPHASE APPROACH FROM THE CORE OUTCOMES IN PEDIATRIC PERSISTENT PAIN (CORE-OPPP) WORKGROUP	PALERMO, TM Seattle Childrens Res Inst	PAIN 165 (5): 1086-1100 MAY 2024	4
105	脑脊液、血浆和尿液样本的综合蛋白质组学方法识别了早期帕金森病的DDC及其他生物标志物	COMPREHENSIVE PROTEOMICS OF CSF, PLASMA, AND URINE IDENTIFY DDC AND OTHER BIOMARKERS OF EARLY PARKINSONS DISEASE	RUTLEDGE, J STANFORD UNIV	ACTA NEUROPATHOLOGICA 147 (1): - JUN 2024	3
106	帕金森病患者皮质形态脑网络拓扑属性损伤与运动症状相关	IMPAIRED TOPOLOGICAL PROPERTIES OF CORTICAL MORPHOLOGICAL BRAIN NETWORKS CORRELATE WITH MOTOR SYMPTOMS IN PARKINSONS DISEASE	YAN, S HUAZHONG UNIV SCI & TECHNOL	JOURNAL OF NEURORADIOLOGY 51 (4): - JUN 2024	3
107	散发性阿尔茨海默病中生物标志物变化的时间序列	TIMING OF BIOMARKER CHANGES IN SPORADIC ALZHEIMERS DISEASE IN ESTIMATED YEARS FROM SYMPTOM ONSET	LI, Y SPORADIC ALZHEIMERS DISEASE4	ANNALS OF NEUROLOGY 95 (5): 951-965 MAY 2024	3
108	多发性硬化症患者白质病变与抑郁症之间的关系	MAPPING THE RELATIONSHIP OF WHITE MATTER LESIONS TO DEPRESSION IN MULTIPLE SCLEROSIS	BALLER, EB PENN LIFESPAN INFORMAT & NEUROIMAGING CTR	BIOLOGICAL PSYCHIATRY 95 (12): 1072- 1080 JUN 15 2024	3
109	依瑞奈尤单抗的早期使用与非特异性口服偏头痛预防药物的比较	EARLY USE OF ERENUMAB VS NONSPECIFIC ORAL MIGRAINE PREVENTIVES	POZO-ROSICH, P HOSP UNIV VALL DHEBRON	JAMA NEUROLOGY 81 (5): 461-470 MAY 2024	3
110	调节性细胞死亡及其在阿尔茨海默病和肌萎缩侧索硬化症中的作用	REGULATED CELL DEATH AND ITS ROLE IN ALZHEIMERS DISEASE AND AMYOTROPHIC LATERAL SCLEROSIS	THAL, DR KATHOLIEKE UNIV LEUVEN	ACTA NEUROPATHOLOGICA 147 (1): - JUN 2024	3

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