



神经科学与行为领域 热点论文

03

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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2021年12月至2023年12月发表的文章中，在2024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2024年5月9日。

本期发布神经科学与行为领域热点文章108篇，其中首次入榜文章41篇。单篇最高被引652次，最低被引3次。“2022 ALZHEIMERS DISEASE FACTS AND FIGURES”在本期热点论文数据中被引频次最高，这篇文章主要讨论了阿尔茨海默病对公共卫生的影响，包括发病率和患病率、死亡率和发病率、护理使用和成本，以及对家庭照顾者、相关工作队伍和社会的整体影响。

首次入榜的41篇中单篇最高被引76次的文章是由奥胡斯大学的Peter Vuust发表的，论文题目为“MUSIC IN THE BRAIN”，回顾了有关音乐感知的认知神经科学文献。

首次入榜文章有：

● 神经退行性疾病

48: 病毒暴露和神经退行性疾病风险：基于国家生物银行数据；

57: 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；

● 卒中：

54: 缺血性卒中神经元死亡机制及治疗策略；

72: 急性缺血性卒中的溶栓治疗:现状和未来展望；

● 神经影像：

64: 新冠后遗症中的多模态神经影像与认知功能的相关性；

● 阿尔茨海默病：

71: 使用血浆生物标志物预测早期阿尔茨海默病的认知功能长期下降；

78: 综述阿尔茨海默病的淀粉样蛋白假说；

90: 在阿尔茨海默病中，淀粉样β蛋白损伤下星形胶质细胞在血脑屏障破坏中扮演的角色；

91: 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；

● 疼痛：

92: 酒精与原发头痛的关系：一项系统综述和元分析

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5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	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	652
2	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	624
3	全脑关联研究样本量需达数千人才 能确保结果可靠	REPRODUCIBLE BRAIN-WIDE ASSOCIATION STUDIES REQUIRE THOUSANDS OF INDIVIDUALS	MAREK, S WASHINGTON UNIV	NATURE 603 (7902): 654-+ MAR 24 2022	548
4	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	347
5	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	326
6	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	312
7	人类寿命的脑图	BRAIN CHARTS FOR THE HUMAN LIFESPAN	BETHLEHEM, RAI UNIV CAMBRIDGE	NATURE 604 (7906): 525-+ APR 21 2022	286
8	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	230

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9	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	215
10	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	184
11	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	176
12	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	172
13	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	169
14	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	161
15	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	157
16	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	141
17	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	139
18	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	132

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19	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	132
20	小胶质细胞对突触可塑性和学习记忆的调节	MICROGLIA REGULATION OF SYNAPTIC PLASTICITY AND LEARNING AND MEMORY	CORNELL, J WESTERN UNIV HLTH SCI	NEURAL REGENERATION RESEARCH 17 (4): 705-716 APR 2022	131
21	人类中脑的单细胞测序揭示了神经胶质激活和帕金森特异性神经元状态	SINGLE-CELL SEQUENCING OF HUMAN MIDBRAIN REVEALS GLIAL ACTIVATION AND A PARKINSON-SPECIFIC NEURONAL STATE	SMAJIC, S UNIV LUXEMBOURG	BRAIN 145 (3): 964-978 APR 29 2022	131
22	大脑和肠道的类组织神经递质传感器	A TISSUE-LIKE NEUROTRANSMITTER SENSOR FOR THE BRAIN AND GUT	LI, JX STANFORD UNIV	NATURE 606 (7912): 94-+ JUN 2 2022	119
23	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	118
24	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	118
25	全球阿尔茨海默病连续疾病谱患病人数估算	GLOBAL ESTIMATES ON THE NUMBER OF PERSONS ACROSS THE ALZHEIMERS DISEASE CONTINUUM	GUSTAVSSON, A KAROLINSKA INST	ALZHEIMERS & DEMENTIA 19 (2): 658-670 FEB 2023	109
26	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	103

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27	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	102
28	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	96
29	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	87
30	肠道微生物组-肠-脑轴在帕金森病中的作用:从基础研究到临床	THE MICROBIOME-GUT-BRAIN AXIS IN PARKINSON DISEASE - FROM BASIC RESEARCH TO THE CLINIC	TAN, AH UNIV MALAYA	NATURE REVIEWS NEUROLOGY 18 (8): 476- 495 AUG 2022	82
31	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	82
32	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	79
33	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	78
34	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	77
35	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	76

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36	大脑中的音乐	MUSIC IN THE BRAIN	VUUST, P AARHUS UNIV	NATURE REVIEWS NEUROSCIENCE 23 (5): 287-305 MAY 2022	76
37	NLRP3炎症小体通路: 炎症性疾病治疗的机制和抑制剂	THE NLRP3 INFLAMMASOME PATHWAY: A REVIEW OF MECHANISMS AND INHIBITORS FOR THE TREATMENT OF INFLAMMATORY DISEASES	BLEVINS, HM VIRGINIA COMMONWEALTH UNIV	FRONTIERS IN AGING NEUROSCIENCE 14: - JUN 10 2022	75
38	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	75
39	基于细胞和干细胞治疗脊髓损伤: 来自临床试验的证据	CELL-BASED AND STEM-CELL-BASED TREATMENTS FOR SPINAL CORD INJURY: EVIDENCE FROM CLINICAL TRIALS	ZIPSER, CM UNIV ZURICH	LANCET NEUROLOGY 21 (7): 659-670 JUL 2022	70
40	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	68
41	重度抑郁障碍的分子通路聚焦于突触	MOLECULAR PATHWAYS OF MAJOR DEPRESSIVE DISORDER CONVERGE ON THE SYNAPSE	FRIES, GR UNIV TEXAS MD ANDERSON CANC CTR	MOLECULAR PSYCHIATRY 28 (1): 284- 297 JAN 2023	66
42	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	65
43	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	64
44	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	64

注: 红色字体为首次入榜的热点论文。

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45	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	63
46	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 YASUDA, R	JAMA NEUROLOGY 79 (9): 888-900 SEP 2022	62
47	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	MAX PLANCK FLORIDA INST NEUROSCI	NATURE REVIEWS NEUROSCIENCE 23 (11): 666-682 NOV 2022	61
48	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	59
49	综述脉冲神经网络及其应用	SPIKING NEURAL NETWORKS AND THEIR APPLICATIONS: A REVIEW	YAMAZAKI, K UNIV ARKANSAS	BRAIN SCIENCES 12 (7): - JUL 2022	59
50	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	58
51	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 MOLLGARD, K	NATURE NEUROSCIENCE 26 (6): 1032-+ JUN 2023	54
52	间皮将蛛网膜下腔划分为多个功能区室	A MESOTHELIUM DIVIDES THE SUBARACHNOID SPACE INTO FUNCTIONAL COMPARTMENTS	UNIV COPENHAGEN	SCIENCE 379 (6627): 84-88 JAN 6 2023	54
53	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	53
54	缺血性卒中神经元死亡机制及治疗策略	NEURONAL DEATH MECHANISMS AND THERAPEUTIC STRATEGY IN ISCHEMIC STROKE	MAO, R NANJING UNIV	NEUROSCIENCE BULLETIN 38 (10): 1229- 1247 OCT 2022	51

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55	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	51
56	精神分裂症的认知障碍: 病因、病理生理学和治理	COGNITIVE IMPAIRMENT IN SCHIZOPHRENIA: AETIOLOGY, PATHOPHYSIOLOGY, AND TREATMENT	MCCUTCHEON, RA UNIV OXFORD	MOLECULAR PSYCHIATRY 28 (5): 1902-1918 MAY 2023	47
57	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	46
58	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	45
59	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	44
60	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	41
61	女性性激素波动与抑郁和焦虑障碍风险增加的关系: 从临床证据到分子机制	SEX HORMONE FLUCTUATION AND INCREASED FEMALE RISK FOR DEPRESSION AND ANXIETY DISORDERS: FROM CLINICAL EVIDENCE TO MOLECULAR MECHANISMS	KUNDAKOVIC, M FORDHAM UNIV	FRONTIERS IN NEUROENDOCRINOLOGY 66: - JUL 2022	40
62	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	40
63	以非侵入性方式记录大脑活动时的连续语言语义重构	SEMANTIC RECONSTRUCTION OF CONTINUOUS LANGUAGE FROM NON-INVASIVE BRAIN RECORDINGS	TANG, JRY UNIV TEXAS AUSTIN	NATURE NEUROSCIENCE 26 (5): - MAY 2023	36
64	新冠后遗症中的多模态神经影像与认知功能的相关性	MULTIMODAL NEUROIMAGING IN POST-COVID SYNDROME AND CORRELATION WITH COGNITION	DÍEZ-CIRARDA, M UNIV COMPLUTENSE MADRID	BRAIN 146 (5): 2142-2152 MAY 2 2023	36

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ESI中神经科学与行为领域热点分析

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65	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	36
66	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	34
67	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	33
68	自发活动行为由无明确奖赏的强化过程构成	SPONTANEOUS BEHAVIOUR IS STRUCTURED BY REINFORCEMENT WITHOUT EXPLICIT REWARD	MARKOWITZ, JE HARVARD MED SCH	NATURE 614 (7946): 108+ FEB 2 2023	33
69	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 CASTELLANI, G	NATURE REVIEWS NEUROLOGY : - JAN 24 2023	32
70	改变对大脑免疫的理解	TRANSFORMING THE UNDERSTANDING OF BRAIN IMMUNITY	WEIZMANN INST SCI	SCIENCE 380 (6640): - APR 2023	31
71	使用血浆生物标志物预测早期阿尔茨海默病的认知功能长期下降	PREDICTION OF LONGITUDINAL COGNITIVE DECLINE IN PRECLINICAL ALZHEIMER DISEASE USING PLASMA BIOMARKERS	MATTSSON- CARLGREN, N LUND UNIV	JAMA NEUROLOGY 80 (4): 360- 369 APR 2023	27
72	急性缺血性卒中的溶栓治疗：现状和未来展望	THROMBOLYSIS FOR ACUTE ISCHAEMIC STROKE: CURRENT STATUS AND FUTURE PERSPECTIVES	TSIVGOULIS, G NATL & KAPODISTRIAN UNIV ATHENS	LANCET NEUROLOGY 22 (5): 418-429 MAY 2023	27
73	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	24
74	用于语音解码和虚拟形象控制的高性能神经假肢	A HIGH-PERFORMANCE NEUROPROSTHESIS	WILLETT, FR STANFORD UNIV	NATURE 620 (7976): - AUG 31 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	ZILUCOPLAN治疗全身性重症肌无力 (RAISE) 的安全性和有效性: 一项随机、双盲、安慰剂对照的3期研究	SAFETY AND EFFICACY OF ZILUCOPLAN IN PATIENTS WITH GENERALISED MYASTHENIA GRAVIS (RAISE): A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PHASE 3 STUDY	HOWARD, JF JR UNIV NORTH CAROLINA CHAPEL HILL	LANCET NEUROLOGY 22 (5): 395-406 MAY 2023	22
76	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	21
77	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	20
78	综述阿尔茨海默病的淀粉样蛋白假说	THE AMYLOID CASCADE HYPOTHESIS: AN UPDATED CRITICAL REVIEW	KEPP, KP TECH UNIV DENMARK	BRAIN 146 (10): 3969-3990 OCT 3 2023	19
79	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	18
80	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	16
81	肠脑轴的多层次分析揭示了自闭症谱系障碍相关的分子和微生物特征	MULTI-LEVEL ANALYSIS OF THE GUT-BRAIN AXIS SHOWS AUTISM SPECTRUM DISORDER-ASSOCIATED MOLECULAR AND MICROBIAL PROFILES	MORTON, JT FLATIRON INST	NATURE NEUROSCIENCE 26 (7): 1208-+ JUL 2023	15
82	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	15
83	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	13

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84	TDP-43在A型FTLD-TDP中形成具有独特折叠的淀粉样蛋白丝	TDP-43 FORMS AMYLOID FILAMENTS WITH A DISTINCT FOLD IN TYPE A FTLD-TDP	ARSENI, D MRC LAB MOL BIOL	NATURE 620 (7975): - AUG 2023	13
85	减轻全球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	12
86	超敏C反应蛋白和同型半胱氨酸水平在老年人脑梗死诊断和功能预后评估中的价值	THE VALUE OF ULTRASENSITIVE C-REACTIVE PROTEIN AND HOMOCYSTEINE LEVELS IN PREDICTING THE DIAGNOSIS AND FUNCTIONAL PROGNOSTIC ASSESSMENT OF CEREBRAL INFARCTION IN THE ELDERLY	TAO, XM CHENGDE MED COLL	INTERNATIONAL JOURNAL OF NEUROSCIENCE : - DEC 21 2023	12
87	淀粉样蛋白的冷冻电镜分析揭示神经退行性疾病分子病理	MOLECULAR PATHOLOGY OF NEURODEGENERATIVE DISEASES BY CRYO-EM OF AMYLOIDS	SCHERES, SHW MRC	NATURE 621 (7980): 701- 710 SEP 28 2023	12
88	肠道菌群对大脑的调节:从疾病到治疗	BRAIN MODULATION BY THE GUT MICROBIOTA: FROM DISEASE TO THERAPY	MITRA, S DONGGUK UNIV	JOURNAL OF ADVANCED RESEARCH 53: 153-173 NOV 2023	11
89	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	11
90	在阿尔茨海默病中, 淀粉样β蛋白损伤下星形胶质细胞在血脑屏障破坏中扮演的角色	EMERGING ROLES OF ASTROCYTES IN BLOOD-BRAIN BARRIER DISRUPTION UPON AMYLOID-BETA INSULTS IN ALZHEIMERS DISEASE	YUE, Q UNIV MACAU	NEURAL REGENERATION RESEARCH 18 (9): 1890- 1902 SEP 2023	9
91	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	8
92	酒精与原发头痛的关系: 一项系统综述和元分析	RELATIONSHIP BETWEEN ALCOHOL AND PRIMARY HEADACHES: A SYSTEMATIC REVIEW AND META-ANALYSIS	BLASZCZYK, B WROCLAW MED UNIV	JOURNAL OF HEADACHE AND PAIN 24 (1): - AUG 23 2023	8

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93	MMP-9抑制剂可预防帕金森疾病中AQP4去极化介导的类淋巴系统功能障碍	MATRIX METALLOPROTEINASE-9 INHIBITION PREVENTS AQUAPORIN-4 DEPOLARIZATION-MEDIATED GLYMPHATIC DYSFUNCTION IN PARKINSONS DISEASE	SI, XL ZHEJIANG UNIV	JOURNAL OF ADVANCED RESEARCH 56: 125-136 FEB 2024	7
94	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	7
95	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	6
96	基因替代疗法治疗X连锁肌小管肌病(ASPIRO)的安全性和有效性：一项多国、开放标签、剂量递增试验	SAFETY AND EFFICACY OF GENE REPLACEMENT THERAPY FOR X-LINKED MYOTUBULAR MYOPATHY (ASPIRO): A MULTINATIONAL, OPEN-LABEL, DOSE-ESCALATION TRIAL	SHIEH, PB DAVID GEFFEN SCH MED UCLA	LANCET NEUROLOGY 22 (12): 1125-1139 DEC 2023	6
97	脑网络通信综述：概念、模型和应用	BRAIN NETWORK COMMUNICATION: CONCEPTS, MODELS AND APPLICATIONS	SEGUIN, C UNIV MELBOURNE	NATURE REVIEWS NEUROSCIENCE 24 (9): 557-574 SEP 2023	6
98	在GRIN2A基因突变的小鼠神经元和胶质细胞的脑区特异性变化和多巴胺信号传导失调	BRAIN-REGION-SPECIFIC CHANGES IN NEURONS AND GLIA AND DYSREGULATION OF DOPAMINE SIGNALING IN GRIN2A MUTANT MICE	FARSI, Z BROAD INST MIT & HARVARD	NEURON 111 (21): 3378-+ NOV 1 2023	5
99	外科医生的经验影响机器人关于微创椎间融合术的学习曲线	SURGEON EXPERIENCE INFLUENCES ROBOTICS LEARNING CURVE FOR MINIMALLY INVASIVE LUMBAR FUSION	SHAHI, P HOSP SPECIAL SURG	SPINE 48 (21): 1517-1525 NOV 1 2023	5
100	APOE-R136S突变可以防止APOE4引发的TAU病理、神经变性和神经炎症	THE APOE-R136S MUTATION PROTECTS AGAINST APOE4-DRIVEN TAU PATHOLOGY, NEURODEGENERATION AND NEUROINFLAMMATION	NELSON, MR GLADSTONE INST	NATURE NEUROSCIENCE 26 (12): - DEC 2023	5
101	神经胶质瘤突触的适应性和可塑性的机制	GLIOMA SYNAPSES RECRUIT MECHANISMS OF ADAPTIVE PLASTICITY	TAYLOR, KR STANFORD UNIV	NATURE : - NOV 1 2023	5

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102	帕金森病的线粒体功能障碍：具有治疗潜力的关键标志	MITOCHONDRIAL DYSFUNCTION IN PARKINSONS DISEASE - A KEY DISEASE HALLMARK WITH THERAPEUTIC POTENTIAL	HENRICH, MT PHILIPPS UNIV MARBURG	MOLECULAR NEURODEGENERATION 18 (1): - NOV 11 2023	5
103	神经退行性疾病中的乳酸代谢	LACTATE METABOLISM IN NEURODEGENERATIVE DISEASES	YANG, CG BEIJING INST BASIC MED SCI	NEURAL REGENERATION RESEARCH 19 (1): 69-74 JAN 2024	4
104	脑源性细胞外囊泡：中枢神经系统疾病的潜在诊断生物标志物	BRAIN-DERIVED EXTRACELLULAR VESICLES: POTENTIAL DIAGNOSTIC BIOMARKERS FOR CENTRAL NERVOUS SYSTEM DISEASES	XU, X JINING MED UNIV	PSYCHIATRY AND CLINICAL NEUROSCIENCES 78 (2): 83-96 FEB 2024	4
105	多形性胶质母细胞瘤的分子靶向治疗：全球趋势和发现的综述	MOLECULAR TARGETED THERAPIES IN GLIOBLASTOMA MULTIFORME: A SYSTEMATIC OVERVIEW OF GLOBAL TRENDS AND FINDINGS	BEGAGIC, E UNIV ZENICA	BRAIN SCIENCES 13 (11): - NOV 2023	4
106	神经源性细胞外囊泡 α -SYNUCLEIN作为患帕金森病风险个体的血清生物标志物	NEURONALLY DERIVED EXTRACELLULAR VESICLE A-SYNUCLEIN AS A SERUM BIOMARKER FOR INDIVIDUALS AT RISK OF DEVELOPING PARKINSON DISEASE	YAN, SJ UNIV OXFORD	JAMA NEUROLOGY 81 (1): 59-68 JAN 2024	3
107	额颞叶变性中的TAF15淀粉样蛋白丝	TAF15 AMYLOID FILAMENTS IN FRONTOTEMPORAL LOBAR DEGENERATION	TETTER, S MRC LAB MOL BIOL	NATURE 625 (7994): - JAN 11 2024	3
108	质子泵抑制剂与痴呆：一项国民调研	PROTON PUMP INHIBITORS AND DEMENTIA: A NATIONWIDE POPULATION-BASED STUDY	POURHADI, N COPENHAGEN UNIV HOSP	ALZHEIMERS & DEMENTIA 20 (2): 837-845 FEB 2024	3

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