



神经科学与行为领域 热点论文

04

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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7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2月至2024年2月发表的文章中，在2024年3月和4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7月11日。

本期发布神经科学与行为领域热点文章109篇，其中首次入榜文章38篇。单篇最高被引508次，最低被引5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38篇中单篇最高被引67次的文章是由道格拉斯心理健康大学研究院的Joseph Therriault发表的，论文题目为“BIOMARKER MODELING OF ALZHEIMERS DISEASE USING PET-BASED BRAAK STAGING”，介绍了使用基于PET的Braak分期对阿尔兹海默病的生物标志物进行建模的方法。

首次入榜文章有：

阿尔茨海默病：

- 53：阿尔茨海默病谱系中的血浆A β 42/40比率、P-TAU181、GFAP和NFL：AIBL队列的横断和纵向研究；
- 94：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；
- 96：一种新的超敏检测血浆p-tau217的方法：在主观认知能力下降和早期阿尔茨海默病患者中的表现；
- 97：血浆A β 42/40和p-tau 217生物标志物使临床阿尔茨海默病淀粉样蛋白PET分类的准确性提高；

视觉处理：

- 98： α 峰值频率有助于提高人类视觉信息处理的精确性；
- 102：视觉时间分辨率与 α 峰值频率之间的相关性：内部噪声和测量噪声导致无效发现的证据；
- 103：视听融合错觉和 α 峰值频率：来自Bürgers和Noppeney的观点(2022)；

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7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	508
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	388
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	267
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	241
5	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	207
6	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	205
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	202
8	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	197

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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	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	179
10	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	174
11	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	164
12	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	156
13	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	155
14	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	140
15	意识理论	THEORIES OF CONSCIOUSNESS	SETH, AK UNIV SUSSEX	NATURE REVIEWS NEUROSCIENCE 23 (7): 439-452 JUL 2022	136
16	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	135
17	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 RE GISTRY US	NEURO-ONCOLOGY 24: III1-III38 SUPPL. 3 SP. ISS. SI SEP 6 2022	127
18	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	124

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19	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	123
20	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	116
21	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	108
22	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	107
23	抑郁症中的小胶质细胞: 抑郁症发病机制和治疗概述	MICROGLIA IN DEPRESSION: AN OVERVIEW OF MICROGLIA IN THE PATHOGENESIS AND TREATMENT OF DEPRESSION	WANG, HX CAPITAL MED UNIV	JOURNAL OF NEUROINFLAMMATION 19 (1): - JUN 6 2022	106
24	具有Lewy病理的脑 α -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	105
25	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 ORGANOIDS	REVAH, O STANFORD UNIV	NATURE 610 (7931): 319-+ OCT 13 2022	101
26	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	101

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27	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	100
28	神经功能障碍的新亚型和机制	FUNCTIONAL NEUROLOGICAL DISORDER: NEW SUBTYPES AND SHARED MECHANISMS	HALLETT, M NINDS	LANCET NEUROLOGY 21 (6): 537-550 JUN 2022	97
29	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	96
30	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	95
31	大脑经颅磁刺激：刺激了什 么？ - 一份共识和关键立场文 件	TRANSCRANIAL MAGNETIC STIMULATION OF THE BRAIN: WHAT IS STIMULATED? - A CONSENSUS AND CRITICAL POSITION PAPER	SIEBNER, HR COPENHAGEN UNIV HOSP HVIDOVRE	CLINICAL NEUROPHYSIOLOGY 140: 59-97 AUG 2022	94
32	大脑连接的涌现特性	THE EMERGENT PROPERTIES OF THE CONNECTED BRAIN	DE SCHOTTEN, MT UNIV BORDEAUX	SCIENCE 378 (6619): 505- + NOV 4 2022	90
33	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	87
34	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	82
35	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	81

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36	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	80
37	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	79
38	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	78
39	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	78
40	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	77
41	致幻剂通过激活细胞内5-HT _{2A} 受体促进神经可塑性	PSYCHEDELICS PROMOTE NEUROPLASTICITY THROUGH THE ACTIVATION OF INTRACELLULAR 5-HT _{2A} RECEPTORS	VARGAS, MV UNIV CALIF DAVIS	SCIENCE 379 (6633): 700- 706 FEB 17 2023	77
42	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	76
43	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	67
44	使用基于PET的Braak分期对阿尔兹海默病的生物标志物进行建模	BIOMARKER MODELING OF ALZHEIMERS DISEASE USING PET-BASED BRAAK STAGING	THERRIAULT, J DOUGLAS MENTAL HLTH INST	NATURE AGING 2 (6): 526-+ JUN 2022	67

注: 红色字体为首次入榜的热点论文。

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45	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	65
46	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	MOLLGARD, K UNIV COPENHAGEN	SCIENCE 379 (6627): 84-88 JAN 6 2023	64
47	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	60
48	脑源性TAU蛋白：阿尔茨海默病相关神经退行性疾病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	59
49	精神分裂症的认知障碍：病因、病理生理学和治疗的	COGNITIVE IMPAIRMENT IN SCHIZOPHRENIA: AETIOLOGY, PATHOPHYSIOLOGY, AND TREATMENT	MCCUTCHEON, RA UNIV OXFORD	MOLECULAR PSYCHIATRY 28 (5): 1902-1918 MAY 2023	58
50	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	57
51	APOE在神经退行性疾病中的核心地位：APOE基因多态性对阿尔茨海默病病理和大脑疾病的影响	APOE IN THE BULLSEYE OF NEURODEGENERATIVE DISEASES: IMPACT OF THE APOE GENOTYPE IN ALZHEIMERS DISEASE PATHOLOGY AND BRAIN DISEASES	FERNÁNDEZ-CALLE, R LUND UNIV	MOLECULAR NEURODEGENERATION 17 (1): - SEP 24 2022	54
52	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	48
53	阿尔茨海默病谱系中的血浆Aβ42/40比率、P-TAU181、GFAP和NFL：AIBL队列的横断和纵向研究	PLASMA AB42/40 RATIO, P-TAU181, GFAP, AND NFL ACROSS THE ALZHEIMER'S DISEASE CONTINUUM: A CROSS-SECTIONAL AND LONGITUDINAL STUDY IN THE AIBL COHORT	CHATTERJEE, P MACQUARIE UNIV	ALZHEIMERS & DEMENTIA 19 (4): 1117-1134 APR 2023	48
54	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	47

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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
55	人脑功能的几何约束	GEOMETRIC CONSTRAINTS ON HUMAN BRAIN FUNCTION	PANG, JC MONASH UNIV KRISHNA, S	NATURE 618 (7965): - JUN 15 2023	45
56	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	UNIV CALIF SAN FRANCISCO TSIVGOULIS, G	NATURE 617 (7961): 599-607 MAY 18 2023	44
57	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	NATL & KAPODISTRIAN UNIV ATHENS	LANCET NEUROLOGY 22 (5): 418-429 MAY 2023	43
58	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	42
59	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	42
60	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	38
61	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	37
62	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	36
63	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	36
64	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	35

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65	神经退行性病变的新见解： 炎症因子和血脑屏障	NEW INSIGHT INTO NEUROLOGICAL DEGENERATION: INFLAMMATORY CYTOKINES AND BLOOD-BRAIN BARRIER	YANG, J PEOPLES LIBERAT ARMY GEN HOSP	FRONTIERS IN MOLECULAR NEUROSCIENCE 15: - OCT 24 2022	35
66	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	34
67	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	34
68	神经发育状况与生理性别、 性别认同的关系	SEX AND GENDER IN NEURODEVELOPMENTAL CONDITIONS	BÖLTE, S CTR NEURODEV DISORDERS KIND	NATURE REVIEWS NEUROLOGY 19 (3): 136-159 MAR 2023	34
69	结合EEG的TMS：数据采集 和分析的建议和未解决的问 题	TMS COMBINED WITH EEG: RECOMMENDATIONS AND OPEN ISSUES FOR DATA COLLECTION AND ANALYSIS	HERNANDEZ- PAVON, JC NORTHWESTERN UNIV	BRAIN STIMULATION 16 (2): 567-593 MAR-APR 2023	33
70	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	33
71	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	33
72	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	33
73	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	32
74	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	30

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75	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	30
76	Tau蛋白激活星形胶质细胞CGAS-IFN通路减少MEF2C介导的认知弹性	TAU ACTIVATION OF MICROGLIAL CGAS-IFN REDUCES MEF2C-MEDIATED COGNITIVE RESILIENCE	UDEOCHU, JC WEILL CORNELL MED	NATURE NEUROSCIENCE 26 (5): - MAY 2023	30
77	在5×FAD小鼠中, 先天免疫cGAS-STING通路的激活与阿尔茨海默病的关系	ACTIVATION OF INNATE IMMUNE CGAS-STING PATHWAY CONTRIBUTES TO ALZHEIMERS PATHOGENESIS IN 5XFAD MICE	XIE, XC KUNMING INST ZOOLOGICAL ZOOLOGY, CHINESE ACAD SCI	NATURE AGING 3 (2): 202-+ FEB 2023	27
78	神经血管耦合加快了胶质淋巴涌入和清除	GLYMPHATIC INFLUX AND CLEARANCE ARE ACCELERATED BY NEUROVASCULAR COUPLING	HOLSTEIN-RONSBO, S UNIV COPENHAGEN	NATURE NEUROSCIENCE 26 (6): 1042-+ JUN 2023	26
79	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	25
80	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	25
81	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	24
82	成年小鼠完整生命周期中同一细胞神经活动的追踪	TRACKING NEURAL ACTIVITY FROM THE SAME CELLS DURING THE ENTIRE ADULT LIFE OF MICE	ZHAO, SY HARVARD UNIV	NATURE NEUROSCIENCE 26 (4): 696-+ APR 2023	23
83	鱼藤酮诱导的帕金森病模型: 超越线粒体复合物I抑制	ROTENONE-INDUCED MODEL OF PARKINSONS DISEASE: BEYOND MITOCHONDRIAL COMPLEX I INHIBITION	IBARRA-GUTIÉRREZ, MT INST NAACL NEUROL & NEUROCIIRUG	MOLECULAR NEUROBIOLOGY : - JAN 3 2023	22

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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
84	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	20
85	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	18
86	帕金森病研究中SH-SY5Y细胞系的体外模型	SH-SY5Y CELL LINE <i>IN VITRO</i> MODELS FOR PARKINSON DISEASE RESEARCH-OLD PRACTICE FOR NEW TRENDS	IUGHEN, OC VICTOR BABES INST PATHOL	JOURNAL OF INTEGRATIVE NEUROSCIENCE 22 (1): - JAN 16 2023	16
87	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	15
88	非侵入式时间干扰电刺激海马体	NON-INVASIVE TEMPORAL INTERFERENCE ELECTRICAL STIMULATION OF THE HUMAN HIPPOCAMPUS	VIOLANTE, IR UNIV SURREY	NATURE NEUROSCIENCE 26 (11): - NOV 2023	15
89	欧洲神经内分泌肿瘤协会(ENETS)2023年胃十二指肠神经内分泌肿瘤(G1-G3)指南	EUROPEAN NEUROENDOCRINE TUMOR SOCIETY (ENETS) 2023 GUIDANCE PAPER FOR GASTRODUODENAL NEUROENDOCRINE TUMOURS (NETS) G1-G3	PANZUTO, F SAPIENZA UNIV ROME	JOURNAL OF NEUROENDOCRINOLOGY : - JUL 4 2023	15
90	ChatGPT和GPT在精神病学中的现状和未来	THE NOW AND FUTURE OF CHATGPT AND GPT IN PSYCHIATRY	CHENG, SW CHINA MED UNIV	PSYCHIATRY AND CLINICAL NEUROSCIENCES 77 (11): 592-596 NOV 2023	14
91	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	14
92	转运蛋白是在啮齿动物模型中激活小胶质细胞的标志物	TRANSLOCATOR PROTEIN IS A MARKER OF ACTIVATED MICROGLIA IN RODENT MODELS BUT NOT HUMAN NEURODEGENERATIVE DISEASES	NUTMA, E AMSTERDAM UMC	NATURE COMMUNICATIONS 14 (1): - AUG 28 2023	14

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93	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	13
94	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	12
95	神经元 α -突触核蛋白疾病的生物学定义: 迈向研究的综合分期系统	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	12
96	一种新的超敏检测血浆p-tau217的方法: 在主观认知能力下降和早期阿尔茨海默病患者中的表现	A NOVEL ULTRASENSITIVE ASSAY FOR PLASMA P-TAU217: PERFORMANCE IN INDIVIDUALS WITH SUBJECTIVE COGNITIVE DECLINE AND EARLY ALZHEIMERS DISEASE	GONZALEZ-ORTIZ, F UNIV GOTHENBURG	ALZHEIMERS & DEMENTIA 20 (2): 1239-1249 FEB 2024	9
97	血浆A β 42/40和p-tau 217生物标志物使临床阿尔茨海默病淀粉样蛋白PET分类的准确性提高	PLASMA A β 42/A β 40 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	8
98	α 峰值频率有助于提高人类视觉信息处理的精确性	INDIVIDUAL ALPHA FREQUENCY CONTRIBUTES TO THE PRECISION OF HUMAN VISUAL PROCESSING	TARASI, L UNIV BOLOGNA	JOURNAL OF COGNITIVE NEUROSCIENCE 36 (4): 602-613 SP. ISS. SI APR 1 2024	8
99	神经丝轻链升高与多发性硬化症患者残疾进程	NEUROFILAMENT LIGHT CHAIN ELEVATION AND DISABILITY PROGRESSION IN MULTIPLE SCLEROSIS	ABDELHAK, A UNIV CALIF SAN FRANCISCO	JAMA NEUROLOGY 80 (12): 1317-1325 DEC 2023	8
100	通过LXR激动剂改善tau和APOE4相关的胶质细胞脂质堆积和神经退行性病变	AMELIORATION OF TAU AND APOE4-LINKED GLIAL LIPID ACCUMULATION AND NEURODEGENERATION WITH AN LXR AGONIST	LITVINCHUK, A WASHINGTON UNIV	NEURON 112 (3): - FEB 7 2024	7
101	用CAR-T靶向清除衰老细胞,从而治疗年龄相关代谢功能障碍	PROPHYLACTIC AND LONG-LASTING EFFICACY OF SENOLYTIC CAR T CELLS AGAINST AGE-RELATED METABOLIC DYSFUNCTION	AMOR, C COLD SPRING HARBOR LAB	NATURE AGING 4 (3): - MAR 2024	7

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102	视觉时间分辨率与 α 峰值频率之间的相关性：内部噪声和测量噪声导致无效发现的证据	CORRELATIONS BETWEEN VISUAL TEMPORAL RESOLUTION AND INDIVIDUAL ALPHA PEAK FREQUENCY: EVIDENCE THAT INTERNAL AND MEASUREMENT NOISE DRIVE NULL FINDINGS	DEODATO, M NEW YORK UNIV ABU DHABI	JOURNAL OF COGNITIVE NEUROSCIENCE 36 (4): 590-601 SP. ISS. SI APR 1 2024	7
103	视听融合错觉和 α 峰值频率：来自Bürgers和Noppeney的观点(2022)	AUDIO-VISUAL FISSION ILLUSION AND INDIVIDUAL ALPHA FREQUENCY: PERSPECTIVE ON BUERGERS AND NOPPENNEY (2022)	NOGUCHI, Y KOBE UNIV	JOURNAL OF COGNITIVE NEUROSCIENCE 36 (4): 700-705 SP. ISS. SI APR 1 2024	7
104	经颅磁刺激诱导额叶抑制后增强了心智-物质的相互作用	ENHANCED MIND-MATTER INTERACTIONS FOLLOWING RTMS INDUCED FRONTAL LOBE INHIBITION	FREEDMAN, M BAYCREST HLTH SCI	CORTEX 172: 222-233 MAR 2024	7
105	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	6
106	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	6
107	人类情感图谱	THE HUMAN AFFECTOME	SCHILLER, D ICAHN SCH MED MT SINAI	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 158: - MAR 2024	6
108	失误行为导致的心率减慢：失误行为相关脑活动与自主神经系统在绩效监测中的功能相互作用	ERROR-RELATED CARDIAC DECELERATION: FUNCTIONAL INTERPLAY BETWEEN ERROR-RELATED BRAIN ACTIVITY AND AUTONOMIC NERVOUS SYSTEM IN PERFORMANCE MONITORING	DI GREGORIO, F ALMA MATER STUDIORUM UNIV BOLOGNA	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 157: - FEB 2024	5
109	NLY01药物用于未经治疗的早期帕金森病中的安全性、耐受性和疗效：一项随机、双盲、安慰剂对照试验	SAFETY, TOLERABILITY, AND EFFICACY OF NLY01 IN EARLY UNTREATED PARKINSONS DISEASE: A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL	MCGARRY, A ROWAN UNIV	LANCET NEUROLOGY 23 (1): 37-45 JAN 2024	5

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