



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2023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2021年4月至2023年4月发表的文章中，在2023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2023年9月15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35篇。单篇最高被引703次，最低被引4次。“GLOBAL, REGIONAL, AND NATIONAL BURDEN OF STROKE AND ITS RISK FACTORS, 1990-2019: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2019”在本期热点论文数据中被引频次最高，主要内容为1990-2019年全球、地区和国家卒中负担及其危险因素。

首次入榜的35篇中单篇最高被引78次的文章是由圣拉斐尔生命健康大学Luca Muzio发表的，论文题目为“MICROGLIA IN NEUROINFLAMMATION AND NEURODEGENERATION: FROM UNDERSTANDING TO THERAPY”，主要内容为小胶质细胞在神经炎症和神经退行性疾病中的作用。

首次入榜文章有：

64：放疗联合奈伐单抗或替莫唑胺治疗新诊断的非甲基化MGMT启动子状态的胶质母细胞瘤：一项国际随机III期试验；

66：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；

81：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；

84：大脑连接的涌现特性；

85：将神经递质系统映射到人类新皮质的结构和功能组织；

97：抑郁症患者大脑血清素释放减少：一项[11C]CIMBI-36正电子发射断层扫描研究及安非他命挑战；

98：致幻剂通过激活细胞内5-HT_{2A}受体促进神经可塑性；

该领域所有热点文章的详细信息请见附表（按文章被引次数排列）。

ESI 2023年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	1990-2019年全球、地区和国家卒中负担及其危险因素:2019年全球疾病负担研究的系统分析	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF STROKE AND ITS RISK FACTORS, 1990-2019: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2019	FEIGIN, VL AUCKLAND UNIV TECHNOL	LANCET NEUROLOGY 20 (10): 795-820 OCT 2021	703
2	2021年卒中和短暂性脑缺血发作患者的卒中预防指南:美国心脏协会/美国卒中协会指南	2021 GUIDELINE FOR THE PREVENTION OF STROKE IN PATIENTS WITH STROKE AND TRANSIENT ISCHEMIC ATTACK: A GUIDELINE FROM THE AMERICAN HEART ASSOCIATION/AMERICAN STROKE ASSOCIATION	KLEINDORFER, DO UNIV MICHIGAN	STROKE 52 (7): E364-E467 JUL 2021	529
3	EPSTEIN-BARR病毒 (EBV) 感染增加多发性硬化症 (MS) 风险	LONGITUDINAL ANALYSIS REVEALS HIGH PREVALENCE OF EPSTEIN-BARR VIRUS ASSOCIATED WITH MULTIPLE SCLEROSIS	BJORNEVIK, K HARVARD TH CHAN SCH PUBL HLTH	SCIENCE 375 (6578): 296-+ JAN 21 2022	468
4	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	418
5	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	339
6	全脑关联研究样本量需达数千人才确保结果可靠	REPRODUCIBLE BRAIN-WIDE ASSOCIATION STUDIES REQUIRE THOUSANDS OF INDIVIDUALS	MAREK, S WASHINGTON UNIV	NATURE 603 (7902): 654-+ MAR 24 2022	332
7	CBTRUS统计报告:2014-2018年美国确诊原发性脑和其他中枢神经系统肿瘤	CBTRUS STATISTICAL REPORT: PRIMARY BRAIN AND OTHER CENTRAL NERVOUS SYSTEM TUMORS DIAGNOSED IN THE UNITED STATES IN 2014-2018	OSTROM, QT CENT BRAIN TUMOR REGISTRY US	NEURO-ONCOLOGY 23: 1- 105 SUPPL. 3 OCT 2021	314
8	新冠后遗症的疲劳和认知障碍:系统综述和元分析	FATIGUE AND COGNITIVE IMPAIRMENT IN POST-COVID-19 SYNDROME: A SYSTEMATIC REVIEW AND META-ANALYSIS	CEBAN, F UNIV HLTH NETWORK	BRAIN BEHAVIOR AND IMMUNITY 101: 93-135 MAR 2022	231

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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	世界多动症联合会国际共识声明:208个关于该障碍的循证结论	THE WORLD FEDERATION OF ADHD INTERNATIONAL CONSENSUS STATEMENT: 208 EVIDENCE-BASED CONCLUSIONS ABOUT THE DISORDER	FARAONE, SV SUNY UPSTATE MED UNIV	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 128: 789-818 SEP 2021	222
10	阿尔茨海默病的淀粉样蛋白- β 通路	THE AMYLOID-BETA PATHWAY IN ALZHEIMERS DISEASE	HAMPEL, H EISAI INC	MOLECULAR PSYCHIATRY 26 (10): 5481-5503 OCT 2021	212
11	基于结构的TAU病分类	STRUCTURE-BASED CLASSIFICATION OF TAUOPATHIES	SHI, Y MRC LAB MOL BIOL	NATURE 598 (7880): 359-+ OCT 14 2021	195
12	概化危机: 随机效应的不规范性	THE GENERALIZABILITY CRISIS	YARKONI, T UNIV TEXAS AUSTIN	BEHAVIORAL AND BRAIN SCIENCES 45: - FEB 10 2022	192
13	阿尔茨海默病的血液生物标志物:走向临床应用	BLOOD-BASED BIOMARKERS FOR ALZHEIMERS DISEASE: TOWARDS CLINICAL IMPLEMENTATION	TEUNISSEN, CE VRIJE UNIV AMSTERDAM	LANCET NEUROLOGY 21 (1): 66-77 JAN 2022	161
14	认知中的默认模式网络	THE DEFAULT MODE NETWORK IN COGNITION: A TOPOGRAPHICAL PERSPECTIVE	SMALLWOOD, J QUEENS UNIV	NATURE REVIEWS NEUROSCIENCE 22 (8): 503-513 AUG 2021	157
15	饱和脂质诱导星形胶质细胞主动杀死神经元	NEUROTOXIC REACTIVE ASTROCYTES INDUCE CELL DEATH VIA SATURATED LIPIDS	GUTTENPLAN, KA STANFORD UNIV	NATURE 599 (7883): 102-+ NOV 4 2021	144
16	淋巴细胞-小胶质细胞-星形胶质细胞轴在慢性多发性硬化症中的作用	A LYMPHOCYTE-MICROGLIA-ASTROCYTE AXIS IN CHRONIC ACTIVE MULTIPLE SCLEROSIS	ABSINTA, M JOHNS HOPKINS UNIV	NATURE 597 (7878): 709-714 SEP 30 2021	140
17	MAGNIMS-CMSC-NAIMS关于多发性硬化症患者使用MRI的共识建议(2021年)	2021 MAGNIMS-CMSC-NAIMS CONSENSUS RECOMMENDATIONS ON THE USE OF MRI IN PATIENTS WITH MULTIPLE SCLEROSIS	WATTJES, MP HANNOVER MED SCH	LANCET NEUROLOGY 20 (8): 653-670 AUG 2021	140
18	电针驱动迷走神经-肾上腺轴的神解剖学基础	A NEUROANATOMICAL BASIS FOR ELECTROACUPUNCTURE TO DRIVE THE VAGAL-ADRENAL AXIS	LIU, SB DANA FARBER CANC INST	NATURE 598 (7882): 641-+ OCT 28 2021	137

序号	文章主题	题目	第一作者及其单位	出处	单篇被引
19	前额叶皮层在认知控制和执行功能中的作用	THE ROLE OF PREFRONTAL CORTEX IN COGNITIVE CONTROL AND EXECUTIVE FUNCTION	FRIEDMAN, NP UNIV COLORADO	NEUROPSYCHOPHARMACOLOGY 47 (1): 72-89 JAN 2022	136
20	人类寿命的脑图	BRAIN CHARTS FOR THE HUMAN LIFESPAN	BETHLEHEM, RAI UNIV CAMBRIDGE	NATURE 604 (7906): 525-+ APR 21 2022	135
21	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	133
22	血浆磷酸化TAU 217和磷酸化TAU 181作为阿尔茨海默病和额颞叶变性的生物标志物	PLASMA PHOSPHORYLATED TAU 217 AND PHOSPHORYLATED TAU 181 AS BIOMARKERS IN ALZHEIMERS DISEASE AND FRONTOTEMPORAL LOBAR DEGENERATION: A RETROSPECTIVE DIAGNOSTIC PERFORMANCE STUDY	THIJSEN, EH UNIV CALIF SAN FRANCISCO	LANCET NEUROLOGY 20 (9): 739-752 SEP 2021	127
23	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	126
24	重新审视神经血管单元	REVISITING THE NEUROVASCULAR UNIT	SCHAEFFER, S WEILL CORNELL MED	NATURE NEUROSCIENCE 24 (9): 1198-1209 SEP 2021	126
25	评估2项ADUCANUMAB在治疗早期阿尔茨海默病患者的3期研究中的淀粉样蛋白相关成像异常	AMYLOID-RELATED IMAGING ABNORMALITIES IN 2 PHASE 3 STUDIES EVALUATING ADUCANUMAB IN PATIENTS WITH EARLY ALZHEIMER DISEASE	SALLOWAY, S WARREN ALPERT MEDICAL SCHOOL	JAMA NEUROLOGY 79 (1): 13-21 JAN 2022	123
26	综述新冠的精神病和神经精神病后遗症	PSYCHIATRIC AND NEUROPSYCHIATRIC SEQUELAE OF COVID-19-A SYSTEMATIC REVIEW	SCHOU, TM AARHUS UNIV	BRAIN BEHAVIOR AND IMMUNITY 97: 328-348 OCT 2021	122

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27	人类、绒猴和小鼠运动皮层的细胞分析比较	COMPARATIVE CELLULAR ANALYSIS OF MOTOR CORTEX IN HUMAN, MARMOSSET AND MOUSE	BAKKEN, TE ALLEN INST BRAIN SCI	NATURE 598 (7879): 111- + OCT 7 2021	121
28	一项新冠后遗症的中长期神经病学和神经精神病学表现的元分析	MID AND LONG-TERM NEUROLOGICAL AND NEUROPSYCHIATRIC MANIFESTATIONS OF POST-COVID-19 SYNDROME: A META-ANALYSIS	PREMRAJ, L GRIFFITH UNIV	JOURNAL OF THE NEUROLOGICAL SCIENCES 434: - MAR 15 2022	116
29	卒中的全球流行病学和急性缺血性卒中干预措施的获取	GLOBAL EPIDEMIOLOGY OF STROKE AND ACCESS TO ACUTE ISCHEMIC STROKE INTERVENTIONS	SAINI, V JACKSON MEM HOSP	NEUROLOGY 97 (20S): S6-S16 SUPPL. 20 NOV 16 2021	116
30	人类脑血管图谱揭示阿尔茨海默症风险的多种介导因素	A HUMAN BRAIN VASCULAR ATLAS REVEALS DIVERSE MEDIATORS OF ALZHEIMERS RISK	YANG, AC UNIV CALIF SAN FRANCISCO	NATURE 603 (7903): 885- + MAR 31 2022	115
31	综述抑郁症的血清素理论	THE SEROTONIN THEORY OF DEPRESSION: A SYSTEMATIC UMBRELLA REVIEW OF THE EVIDENCE	MONCRIEFF, J UCL	MOLECULAR PSYCHIATRY : - JUL 20 2022	114
32	阿尔茨海默症小鼠模型中错误的自溶酶体酸化诱导神经元中A β 的自噬积聚,产生老年斑	FAULTY AUTOLYSOSOME ACIDIFICATION IN ALZHEIMERS DISEASE MOUSE MODELS INDUCES AUTOPHAGIC BUILD-UP OF A BETA IN NEURONS, YIELDING SENILE PLAQUES	LEE, JH NATHAN S KLINE INST	MOLECULAR PSYCHIATRY : - JUL 20 2022	110
33	血清神经丝轻链对多发性硬化症患者疾病活动度的个体预后	SERUM NEUROFILAMENT LIGHT CHAIN FOR INDIVIDUAL PROGNOSTICATION OF DISEASE ACTIVITY IN PEOPLE WITH MULTIPLE SCLEROSIS: A RETROSPECTIVE MODELLING AND VALIDATION STUDY	BENKERT, P UNIV BASEL	LANCET NEUROLOGY 21 (3): 246-257 MAR 2022	103
34	美国成年人慢性疼痛的患病率	PREVALENCE OF CHRONIC PAIN AMONG ADULTS IN THE UNITED STATES	YONG, RJ HARVARD UNIV	PAIN 163 (2): E328-E332 FEB 2022	102
35	联合皮层的神经发育:模式、机制和对精神病理学的影响	NEURODEVELOPMENT OF THE ASSOCIATION CORTICES: PATTERNS, MECHANISMS, AND IMPLICATIONS FOR PSYCHOPATHOLOGY	SYDNOR, VJ UNIV PENN	NEURON 109 (18): 2820-2846 SEP 15 2021	100

序号	文章主题	题目	第一作者及其单位	出处	单篇被引
36	人脑淀粉样蛋白 β 42丝的冷冻电镜结构	CRYO-EM STRUCTURES OF AMYLOID-B 42 FILAMENTS FROM HUMAN BRAINS	YANG, Y MRC, LAB MOL BIOL	SCIENCE 375 (6577): 167-+ JAN 14 2022	100
37	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	99
38	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	88
39	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	88
40	使用不同疾病修正疗法治疗的多发性硬化症患者对接种新冠mRNA疫苗的体液和T细胞特异性免疫反应	HUMORAL- AND T-CELL SPECIFIC IMMUNE RESPONSES TO SARS-COV-2 MRNA VACCINATION IN PATIENTS WITH MS USING DIFFERENT DISEASE-MODIFYING THERAPIES	TORTORELLA, C SAN CAMILLO FORLANINI HOSP	NEUROLOGY 98 (5): E541-E554 FEB 1 2022	87
41	小胶质细胞激活的含义: 与神经炎症、内稳态和应激反应相关	THE SEMANTICS OF MICROGLIA ACTIVATION: NEUROINFLAMMATION, HOMEOSTASIS, AND STRESS	WOODBURN, SC UNIV CINCINNATI	JOURNAL OF NEUROINFLAMMATION 18 (1): - NOV 6 2021	86
42	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	83
43	氧化应激在大脑老化和阿尔茨海默病中的新作用	EMERGING ROLES OF OXIDATIVE STRESS IN BRAIN AGING AND ALZHEIMERS DISEASE	IONESCU-TUCKER, A UNIV CALIF IRVINE	NEUROBIOLOGY OF AGING 107: 86-95 NOV 2021	82
44	小胶质细胞在神经退行性疾病中从M1到M2的表型极化	MICROGLIA POLARIZATION FROM M1 TO M2 IN NEURODEGENERATIVE DISEASES	GUO, SR SHANGHAI JIAO TONG UNIV	FRONTIERS IN AGING NEUROSCIENCE 14: - FEB 16 2022	82

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序号	文章主题	题目	第一作者及其单位	出处	单篇被引
45	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	78
46	小胶质细胞在神经炎症和神经退行性疾病中的作用: 从理解到治疗	MICROGLIA IN NEUROINFLAMMATION AND NEURODEGENERATION: FROM UNDERSTANDING TO THERAPY	MUZIO, L UNIV VITA SALUTE SAN RAFFAELE	FRONTIERS IN NEUROSCIENCE 15: - SEP 24 2021	78
47	综述长期新冠大流行对心理弹性和心理健康的影响	THE IMPACT OF THE PROLONGED COVID-19 PANDEMIC ON STRESS RESILIENCE AND MENTAL HEALTH: A CRITICAL REVIEW ACROSS WAVES	MANCHIA, M UNIV CAGLIARI	EUROPEAN NEUROPSYCHOPHARMACOLOGY 55: 22-83 FEB 2022	78
48	血浆GFAP作为脑和脊髓疾病的新兴生物标志物	BLOOD GFAP AS AN EMERGING BIOMARKER IN BRAIN AND SPINAL CORD DISORDERS	ABDELHAK, A UNIV CALIF SAN FRANCISCO	NATURE REVIEWS NEUROLOGY 18 (3): 158-172 MAR 2022	76
49	裸盖菇素在体内引发额叶皮层树突棘快速而持久的生长	PSILOCYBIN INDUCES RAPID AND PERSISTENT GROWTH OF DENDRITIC SPINES IN FRONTAL CORTEX IN VIVO	SHAO, LX YALE UNIV	NEURON 109 (16): 2535-+ AUG 18 2021	76
50	前额叶皮层与抑郁症	PREFRONTAL CORTEX AND DEPRESSION	PIZZAGALLI, DA HARVARD MED SCH	NEUROPSYCHOPHARMACOLOGY 47 (1): 225-246 JAN 2022	72
51	阿尔茨海默病患者大脑的大规模深度多层分析揭示了在RNA水平上未观察到的与蛋白质组学相关的强烈变化	LARGE-SCALE DEEP MULTI-LAYER ANALYSIS OF ALZHEIMERS DISEASE BRAIN REVEALS STRONG PROTEOMIC DISEASE-RELATED CHANGES NOT OBSERVED AT THE RNA LEVEL	JOHNSON, ECB EMORY UNIV	NATURE NEUROSCIENCE 25 (2): 213-+ FEB 2022	72
52	综述新冠疫情大流行期间酒精和其他物质的使用情况	ALCOHOL AND OTHER SUBSTANCE USE DURING THE COVID-19 PANDEMIC: A SYSTEMATIC REVIEW	ROBERTS, A UNIV LINCOLN	DRUG AND ALCOHOL DEPENDENCE 229: - PART A DEC 1 2021	68
53	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	66
54	脊髓损伤后的炎症: 综述细胞信号和细胞浸润的关键时间线	INFLAMMATION AFTER SPINAL CORD INJURY: A REVIEW OF THE CRITICAL TIMELINE OF SIGNALING CUES AND CELLULAR INFILTRATION	HELLENBRAND, DJ UNIV WISCONSIN	JOURNAL OF NEUROINFLAMMATION 18 (1): - DEC 7 2021	65

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	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	61
56	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	61
57	帕金森病的神经精神病学: 进展与挑战	THE NEUROPSYCHIATRY OF PARKINSONS DISEASE: ADVANCES AND CHALLENGES	WEINTRAUB, D UNIV PENN	LANCET NEUROLOGY 21 (1): 89-102 JAN 2022	61
58	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	60
59	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	56
60	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	54
61	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	53
62	人类多巴胺神经元的单细胞基因组分析确定帕金森病易感人群	SINGLE-CELL GENOMIC PROFILING OF HUMAN DOPAMINE NEURONS IDENTIFIES A POPULATION THAT SELECTIVELY DEGENERATES IN PARKINSONS DISEASE	KAMATH, T BROAD INST HARVARD & MIT	NATURE NEUROSCIENCE 25 (5): 588-+ MAY 2022 https://www.nature.com/articles/s41593-022-01061-1	53
63	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	52
64	放疗联合奈伐单抗或替莫唑胺治疗新诊断的非甲基化MGMT启动子状态的胶质母细胞瘤: 一项国际随机III期试验	RADIOTHERAPY COMBINED WITH NIVOLUMAB OR TEMOZOLOMIDE FOR NEWLY DIAGNOSED GLIOBLASTOMA WITH UNMETHYLATED MGMT PROMOTER: AN INTERNATIONAL RANDOMIZED PHASE III TRIAL	OMURO, A YALE SCH MED	NEURO-ONCOLOGY 25 (1): 123-134 JAN 5 2023	51

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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	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	50
66	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	47
67	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	44
68	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 : - JUN 2 2022	43
69	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	41
70	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	38
71	阿尔茨海默病的TAU生物标志物:临床实践和试验	TAU BIOMARKERS IN ALZHEIMERS DISEASE: TOWARDS IMPLEMENTATION IN CLINICAL PRACTICE AND TRIALS	OSSENKOPPELE, R LUND UNIV	LANCET NEUROLOGY 21 (8): 726-734 AUG 2022	38
72	控制情绪从而控制行为：面对与效价无关的情绪刺激时的反应性行动抑制	STOPPING IN (E)MOTION: REACTIVE ACTION INHIBITION WHEN FACING VALENCE-INDEPENDENT EMOTIONAL STIMULI	BATTAGLIA, S UNIV BOLOGNA	FRONTIERS IN BEHAVIORAL NEUROSCIENCE 16: - SEP 30 2022	36
73	移植的人类皮层类器官的成熟和回路整合	MATURATION AND CIRCUIT INTEGRATION OF TRANSPLANTED HUMAN CORTICAL ORGANOID	REVAH, O STANFORD UNIV	NATURE 610 (7931): 319+ OCT 13 2022	35
74	人类大脑 α -突触核蛋白丝结构的LEWY病理学研究	STRUCTURES OF ALPHA-SYNUCLEIN FILAMENTS FROM HUMAN BRAINS WITH LEWY PATHOLOGY	YANG, Y MED RES COUNCIL LAB MOL BIOL	NATURE 610 (7933): 791+ OCT 27 2022	33

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75	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	33
76	脑底动脉环闭塞症: 诊断和干预	MOYAMOYA DISEASE: DIAGNOSIS AND INTERVENTIONS	IHARA, M NATL CEREBRAL & CARDIOVASC CTR	LANCET NEUROLOGY 21 (8): 747-758 AUG 2022	32
77	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	30
78	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	29
79	神经元NLRP3是帕金森病中驱动神经退变的Parkin底物	NEURONAL NLRP3 IS A PARKIN SUBSTRATE THAT DRIVES NEURODEGENERATION IN PARKINSONS DISEASE	PANICKER, N JOHNS HOPKINS UNIV	NEURON 110 (15): 2422-+ AUG 3 2022	28
80	瞳孔测量作为不同注意力网络整合的读数	PUPILLOMETRY AS AN INTEGRATED READOUT OF DISTINCT ATTENTIONAL NETWORKS	STRAUCH, C UNIV UTRECHT	TRENDS IN NEUROSCIENCES 45 (8): 635-647 AUG 2022	27
81	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 : - OCT 17 2022	26
82	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	26
83	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	24

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ESI中神经科学与行为领域热点分析

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84	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	23
85	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	22
86	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	22
87	视神经炎的诊断和分类	DIAGNOSIS AND CLASSIFICATION OF OPTIC NEURITIS	PETZOLD, A UCL	LANCET NEUROLOGY 21 (12): 1120-1134 DEC 2022	20
88	系统综述新冠相关焦虑、压力、抑郁、颞下颌关节紊乱和头痛之间的关联	THE ASSOCIATION BETWEEN COVID-19 RELATED ANXIETY, STRESS, DEPRESSION, TEMPOROMANDIBULAR DISORDERS, AND HEADACHES FROM CHILDHOOD TO ADULTHOOD: A SYSTEMATIC REVIEW	MINERVINI, G UNIV CAMPANIA LUIGI VANVITELLI	BRAIN SCIENCES 13 (3): - MAR 2023	17
89	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	17
90	神经质的神经相关性: 基于坐标的静息态功能脑成像元分析	NEURAL CORRELATES OF NEUROTICISM: A COORDINATE-BASED META-ANALYSIS OF RESTING-STATE FUNCTIONAL BRAIN IMAGING STUDIES	LIN, JP SICHUAN UNIV	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 146: - MAR 2023	16
91	情感行为状态的心源性控制	CARDIOGENIC CONTROL OF AFFECTIVE BEHAVIOURAL STATE	HSUEH, B STANFORD UNIV	NATURE : - MAR 1 2023	15
92	成人自身免疫性脑炎误诊	AUTOIMMUNE ENCEPHALITIS MISDIAGNOSIS IN ADULTS	FLANAGAN, EP MAYO CLIN	JAMA NEUROLOGY : - NOV 28 2022	15

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93	大脑脂质组学：从功能到临床意义	BRAIN LIPIDOMICS: FROM FUNCTIONAL LANDSCAPE TO CLINICAL SIGNIFICANCE	YOON, JH KOREA BRAIN RES INST	SCIENCE ADVANCES 8 (37): - SEP 16 2022	14
94	动脉粥样硬化性疾病导致急性基底动脉闭塞的药物涂层球囊扩张术一例	A CASE OF ACUTE BASILAR ARTERY OCCLUSION DUE TO ATHEROSCLEROTIC DISEASE REVASCULARIZED BY DRUG-COATED BALLOON DILATION	ZHAO, YZ WEIFANG MED UNIV	INTERNATIONAL JOURNAL OF NEUROSCIENCE : - APR 15 2023	12
95	线粒体功能障碍、氧化应激和神经炎症作为神经退行性疾病的治疗靶点：当前进展和障碍的更新	MITOCHONDRIAL DYSFUNCTIONS, OXIDATIVE STRESS AND NEUROINFLAMMATION AS THERAPEUTIC TARGETS FOR NEURODEGENERATIVE DISEASES: AN UPDATE ON CURRENT ADVANCES AND IMPEDIMENTS	REHMAN, MU KING SAUD UNIV	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 144: - JAN 2023	12
96	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	10
97	抑郁症患者大脑血清素释放减少：一项 [11C]CIMBI-36 正电子发射断层扫描研究及安非他命挑战	BRAIN SEROTONIN RELEASE IS REDUCED IN PATIENTS WITH DEPRESSION: A [11C]CIMBI-36 POSITRON EMISSION TOMOGRAPHY STUDY WITH A D-AMPHETAMINE CHALLENGE	ERRITZOE, D IMPERIAL COLL LONDON	BIOLOGICAL PSYCHIATRY 93 (12): 1089-1098 JUN 15 2023	10
98	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	9
99	精神障碍中的恐惧引起的心跳过缓：基础、当前进展和未来展望	FEAR-INDUCED BRADYCARDIA IN MENTAL DISORDERS: FOUNDATIONS, CURRENT ADVANCES, FUTURE PERSPECTIVES	BATTAGLIA, S ALMA MATER STUDIORUM UNIV BOLOGNA	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 149: - JUN 2023	9
100	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	7
101	神经学和精神病学中精准医学的基础和架构	THE FOUNDATION AND ARCHITECTURE OF PRECISION MEDICINE IN NEUROLOGY AND PSYCHIATRY	HAMPEL, H EISAI INC	TRENDS IN NEUROSCIENCES 46 (3): 176-198 MAR 2023	7

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102	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	7
103	不同体力活动水平的短睡眠年轻人的认知表现	COGNITIVE PERFORMANCE IN SHORT SLEEP YOUNG ADULTS WITH DIFFERENT PHYSICAL ACTIVITY LEVELS: A CROSS-SECTIONAL FNIRS STUDY	YOU, YW TSINGHUA UNIV	BRAIN SCIENCES 13 (2): - FEB 2023	6
104	抗β-淀粉样蛋白药物引起的脑容量损失加速	ACCELERATED BRAIN VOLUME LOSS CAUSED BY ANTI-BETA-AMYLOID DRUGS A SYSTEMATIC REVIEW AND META-ANALYSIS	ALVES, F UNIV MELBOURNE	NEUROLOGY 100 (20): E2114-E2124 MAY 16 2023	5
105	母亲肠道菌群对婴儿菌群和脑发育的影响	IMPACT OF THE MOTHERS GUT MICROBIOTA ON INFANT MICROBIOME AND BRAIN DEVELOPMENT	MADY, EA TOKYO UNIV AGR & TECHNOL	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS 150: - JUL 2023	5
106	出生前和幼儿期感染与随后强迫症和抽动障碍风险	PRENATAL AND EARLY CHILDHOOD INFECTIONS AND SUBSEQUENT RISK OF OBSESSIVE-COMPULSIVE DISORDER AND TIC DISORDERS: A NATIONWIDE, SIBLING-CONTROLLED STUDY	ZHANG, TY KAROLINSKA INST	BIOLOGICAL PSYCHIATRY 93 (11): 1023-1030 JUN 1 2023	5
107	新冠后综合征患者的主观和客观认知缺陷	SUBJECTIVE AND OBJECTIVE COGNITIVE DEFICITS IN PATIENTS WITH POST-COVID SYNDROME A CHALLENGE FOR NEUROPSYCHOLOGISTS	SCHILD, AK UNIV COLOGNE	ZEITSCHRIFT FUR NEUROPSYCHOLOGIE 34 (2): 99-110 JUN 2023	4
108	基于莱比锡治疗计划的跨学科诊断与治疗认知神经型新冠病毒感染后综合征	THE LEIPZIG TREATMENT PROGRAM FOR INTERDISCIPLINARY DIAGNOSIS AND THERAPY OF NEUROCOGNITIVE POST-COVID SYMPTOMS EXPERIENCES AND PRELIMINARY RESULTS	HASTING, AS UNIV HOSP LEIPZIG	ZEITSCHRIFT FUR NEUROPSYCHOLOGIE 34 (2): 71-83 JUN 2023	4
109	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): - MAY 18 2023	4
110	动脉瘤性蛛网膜下腔出血神经重症的监护管理指南	GUIDELINES FOR THE NEUROCRITICAL CARE MANAGEMENT OF ANEURYSMAL SUBARACHNOID HEMORRHAGE	TREGGIARI, MM DUKE UNIV	NEUROCRITICAL CARE : - MAY 18 2023	4
111	改善新冠肺炎患者的神经心理康复能力	IMPROVING NEUROPSYCHOLOGICAL REHABILITATION FOR COVID-19 PATIENTS GUIDELINE-BASED ADVANCES	WIDMANN, CN UNIV BONN MEDICAL CENTER	ZEITSCHRIFT FUR NEUROPSYCHOLOGIE 34 (2): 57-70 JUN 2023	4

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