



神经科学与行为领域 热点论文

04

2023
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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2021年2月至2023年2月发表的文章中，在2023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2023年7月13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30篇。单篇最高被引1919次，最低被引5次。“THE 2021 WHO CLASSIFICATION OF TUMORS OF THE CENTRAL NERVOUS SYSTEM: A SUMMARY”在本期热点论文数据中被引频次最高，主要内容为中枢神经系统肿瘤的分类。

首次入榜的30篇中单篇最高被引74次的文章是由哥德堡大学Andrea L. Benedet发表的，论文题目为“DIFFERENCES BETWEEN PLASMA AND CEREBROSPINAL FLUID GLIAL FIBRILLARY ACIDIC PROTEIN LEVELS ACROSS THE ALZHEIMER DISEASE CONTINUUM”，主要内容为阿尔茨海默病患者血浆和脑脊液中的胶质纤维酸性蛋白水平的差异。

首次入榜文章有：

- 58: 全球年轻型痴呆症患病率的综述和元分析;
- 66: 早期阿尔茨海默病的诊断:2021年临床实践;
- 84: 2015-2019美国原发性脑和中枢神经系统肿瘤流行病学调查;
- 90: 光泵磁力仪脑磁图(OPM-MEG):下一代功能性神经成像利器;
- 94: 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;
- 97: 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;
- 99: 基于生物信息学的失巢凋亡相关基因标志分析可预测低级别胶质瘤患者的预后;

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	2021年WHO对中枢神经系统肿瘤的分类	THE 2021 WHO CLASSIFICATION OF TUMORS OF THE CENTRAL NERVOUS SYSTEM: A SUMMARY	LOUIS, DN MASSACHUSETTS GEN HOSP	NEURO-ONCOLOGY 23 (8): 1231-1251 AUG 2021	1919
2	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	591
3	跨16国的“2022猴痘感染”研究	MONKEYPOX VIRUS INFECTION IN HUMANS ACROSS 16 COUNTRIES - APRIL-JUNE 2022	THORNHILL, JP QUEEN MARY UNIV LONDON	LANCET NEUROLOGY 21 (10): 872-872 OCT 2022	468
4	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	460
5	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	397
6	全球精神障碍发病年龄:192项流行病学研究的元分析	AGE AT ONSET OF MENTAL DISORDERS WORLDWIDE: LARGE-SCALE META-ANALYSIS OF 192 EPIDEMIOLOGICAL STUDIES	SOLMI, M UNIV PADUA	MOLECULAR PSYCHIATRY 27 (1): 281-295 JAN 2022	369
7	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	354
8	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	250

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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	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	250
10	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	235
11	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	192
12	乙酰胆碱酯酶抑制剂对阿尔茨海默病的疗效	EFFICACY OF ACETYLCHOLINESTERASE INHIBITORS IN ALZHEIMERS DISEASE	MARUCCI, G UNIV CAMERINO	NEUROPHARMACOLOGY 190: - JUN 1 2021	176
13	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	176
14	阿尔茨海默病的临床诊断:国际工作组的建议	CLINICAL DIAGNOSIS OF ALZHEIMERS DISEASE: RECOMMENDATIONS OF THE INTERNATIONAL WORKING GROUP	DUBOIS, B SORBONNE UNIV	LANCET NEUROLOGY 20 (6): 484-496 JUN 2021	174
15	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	164
16	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	162
17	脑机接口可将脑活动实时转换成文字	HIGH-PERFORMANCE BRAIN-TO-TEXT COMMUNICATION VIA HANDWRITING	WILLETT, FR STANFORD UNIV	NATURE 593 (7858): 249-+ MAY 13 2021	136
18	髓鞘少突胶质细胞糖蛋白抗体相关疾病	MYELIN-OLIGODENDROCYTE GLYCOPROTEIN ANTIBODY-ASSOCIATED DISEASE	MARIGNIER, R HOP NEUROL & NEUROCHIRURG P WERTHEIMER	LANCET NEUROLOGY 20 (9): 762-772 SEP 2021	130

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19	帕金森病诊断的挑战	CHALLENGES IN THE DIAGNOSIS OF PARKINSONS DISEASE	TOLOSA, E HOSP CLIN BARCELONA	LANCET NEUROLOGY 20 (5): 385-397 MAY 2021	130
20	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	130
21	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	130
22	美国临床阿尔茨海默病和轻度认知障碍人群预估(2020-2060年)	POPULATION ESTIMATE OF PEOPLE WITH CLINICAL ALZHEIMERS DISEASE AND MILD COGNITIVE IMPAIRMENT IN THE UNITED STATES (2020-2060)	RAJAN, KB RUSH UNIV	ALZHEIMERS & DEMENTIA 17 (12): 1966- 1975 DEC 2021	129
23	美国头痛协会共识声明:将新的偏头痛治疗方法融入临床实践	THE AMERICAN HEADACHE SOCIETY CONSENSUS STATEMENT: UPDATE ON INTEGRATING NEW MIGRAINE TREATMENTS INTO CLINICAL PRACTICE	AILANI, J MEDSTAR GEORGETOWN UNIV HOSP	HEADACHE 61 (7): 1021- 1039 JUL 2021	128
24	副肿瘤神经系统综合征的最新诊断标准	UPDATED DIAGNOSTIC CRITERIA FOR PARANEOPLASTIC NEUROLOGIC SYNDROMES	GRAUS, F INST INVEST BIOMED AUGUST PI & SUNYER	NEUROLOGY- NEUROIMMUNOLOGY & NEUROINFLAMMATION 8 (4): - JUL 2021	128
25	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	123
26	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	119

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27	小鼠脑神经炎症性星形胶质细胞亚型	NEUROINFLAMMATORY ASTROCYTE SUBTYPES IN THE MOUSE BRAIN	HASEL, P NYU	NATURE NEUROSCIENCE 24 (10): 1475-1487 OCT 2021	109
28	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	NEUROPSYCHOPHARM ACOLOGY 47 (1): 72-89 JAN 2022	107
29	功能性的线粒体复合物I的损伤和缺失可诱发帕金森病	DISRUPTION OF MITOCHONDRIAL COMPLEX I INDUCES PROGRESSIVE PARKINSONISM	GONZALEZ- RODRIGUEZ, P NORTHWESTERN UNIV	NATURE 599 (7886): 650- + NOV 25 2021	106
30	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	105
31	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	102
32	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	98
33	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	98
34	综述内源性大麻素系统	REVIEW OF THE ENDOCANNABINOID SYSTEM	LU, HC INDIANA UNIV	BIOLOGICAL PSYCHIATRY- COGNITIVE NEUROSCIENCE AND NEUROIMAGING 6 (6): 607-615 JUN 2021	95
35	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	94

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36	母体免疫激活与后代神经发育障碍的关联	MATERNAL IMMUNE ACTIVATION AND NEUROINFLAMMATION IN HUMAN NEURODEVELOPMENTAL DISORDERS	HAN, VX UNIV SYDNEY	NATURE REVIEWS NEUROLOGY 17 (9): 564-579 SEP 2021	90
37	欧洲神经科学学会/周围神经学会: 慢性炎症脱髓鞘性多发性神经根神经病的诊断和治疗指南	EUROPEAN ACADEMY OF NEUROLOGY/PERIPHERAL NERVE SOCIETY GUIDELINE ON DIAGNOSIS AND TREATMENT OF CHRONIC INFLAMMATORY DEMYELINATING POLYRADICULONEUROPATHY: REPORT OF A JOINT TASK FORCE-SECOND REVISION	VAN DEN BERGH, PYK ST LUC UNIV HOSP	JOURNAL OF THE PERIPHERAL NERVOUS SYSTEM 26 (3): 242-268 SEP 2021	88
38	影响肌肉骨骼系统的慢性侵害可塑性疼痛:临床和分级标准	CHRONIC NOCIPLASTIC PAIN AFFECTING THE MUSCULOSKELETAL SYSTEM: CLINICAL CRITERIA AND GRADING SYSTEM	KOSEK, E KAROLINSKA INST	PAIN 162 (11): 2629-2634 NOV 2021	87
39	阿尔茨海默病的概率模型: 淀粉样蛋白假说修正	THE PROBABILISTIC MODEL OF ALZHEIMER DISEASE: THE AMYLOID HYPOTHESIS REVISED	FRISONI, GB UNIV GENEVA	NATURE REVIEWS NEUROSCIENCE 23 (1): 53-66 JAN 2022	86
40	人类寿命的脑图	BRAIN CHARTS FOR THE HUMAN LIFESPAN	BETHLEHEM, RAI UNIV CAMBRIDGE	NATURE 604 (7906): 525-+ APR 21 2022	86
41	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	86
42	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	84
43	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	NATURE NEUROSCIENCE 25 (6): 688-+ JUN 2022	83
44	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	83

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45	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	82
46	阿尔茨海默病的病理机制及治疗策略	PATHOLOGICAL MECHANISMS AND THERAPEUTIC STRATEGIES FOR ALZHEIMERS DISEASE	JU, YJ UNIV MACAU	NEURAL REGENERATION RESEARCH 17 (3): 543-+ MAR 2022	80
47	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	79
48	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	76
49	阿尔茨海默病患者血浆和脑脊液中的胶质纤维酸性蛋白水平的差异	DIFFERENCES BETWEEN PLASMA AND CEREBROSPINAL FLUID GLIAL FIBRILLARY ACIDIC PROTEIN LEVELS ACROSS THE ALZHEIMER DISEASE CONTINUUM	BENEDET, AL UNIV GOTHENBURG	JAMA NEUROLOGY 78 (12): 1471-1483 DEC 2021	74
50	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	73
51	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	72
52	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	70
53	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	67
54	对重度抑郁症、双相情感障碍和精神分裂症观察性研究中肠道菌群组成的综述	A SYSTEMATIC REVIEW OF GUT MICROBIOTA COMPOSITION IN OBSERVATIONAL STUDIES OF MAJOR DEPRESSIVE DISORDER, BIPOLAR DISORDER AND SCHIZOPHRENIA	MCGUINNESS, A. J. DEAKIN UNIV	MOLECULAR PSYCHIATRY 27 (4): 1920-1935 APR 2022	67

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	多发性硬化症中的B细胞— —从靶向清除到免疫功能重建 疗法	B CELLS IN MULTIPLE SCLEROSIS - FROM TARGETED DEPLETION TO IMMUNE RECONSTITUTION THERAPIES	CENCIONI, MT IMPERIAL COLL LONDON	NATURE REVIEWS NEUROLOGY 17 (7): 399- 414 JUL 2021	66
56	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	66
57	成人、猕猴和猪的海马体和 内嗅细胞的转录组学分类和 神经源性轨迹	TRANSCRIPTOMIC TAXONOMY AND NEUROGENIC TRAJECTORIES OF ADULT HUMAN, MACAQUE, AND PIG HIPPOCAMPAL AND ENTORHINAL CELLS	FRANJIC, D YALE SCH MED	NEURON 110 (3): 452-+ FEB 2 2022	66
58	全球年轻型痴呆症患病率的 综述和元分析	GLOBAL PREVALENCE OF YOUNG-ONSET DEMENTIA A SYSTEMATIC REVIEW AND META-ANALYSIS	HENDRIKS, S MAASTRICHT UNIV	JAMA NEUROLOGY 78 (9): 1080-1090 SEP 2021	64
59	运动血浆通过凝聚素增强记 忆力并抑制大脑炎症	EXERCISE PLASMA BOOSTS MEMORY AND DAMPENS BRAIN INFLAMMATION VIA CLUSTERIN	DE MIGUEL, Z STANFORD UNIV	NATURE 600 (7889): 494- 499 DEC 16 2021	63
60	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	62
61	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	61
62	肠道衍生代谢物改变了小鼠 的大脑活动和焦虑行为	A GUT-DERIVED METABOLITE ALTERS BRAIN ACTIVITY AND ANXIETY BEHAVIOUR IN MICE	NEEDHAM, BD CALTECH	NATURE 602 (7898): 647-+ FEB 24 2022	61
63	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	59
64	神经退行性疾病对成人海马 神经再生的影响	IMPACT OF NEURODEGENERATIVE DISEASES ON HUMAN ADULT HIPPOCAMPAL NEUROGENESIS	TERREROS-RONCAL, J UNIV AUTONOMA MADRID	SCIENCE 374 (6571): 1106-+ SP. ISS. SI NOV 26 2021	59

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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	TDP-43抑制FTD-ALS患者UNC13A基因中的隐藏外显子	TDP-43 REPRESSES CRYPTIC EXON INCLUSION IN THE FTD-ALS GENE UNC13A	MA, XR STANFORD UNIV	NATURE 603 (7899): 124-+ MAR 3 2022	58
66	早期阿尔茨海默病的诊断:2021年临床实践	DIAGNOSIS OF EARLY ALZHEIMERS DISEASE: CLINICAL PRACTICE IN 2021	PORSTEINSSON, AP UNIV ROCHESTER	JPAD-JOURNAL OF PREVENTION OF ALZHEIMERS DISEASE 8 (3): 371-386 MAR 2021	58
67	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	52
68	依达拉奉通过SIRT1 / NRF2 / HO-1 / GPX4通路改善抑郁和焦虑样行为	EDARAVONE AMELIORATES DEPRESSIVE AND ANXIETY-LIKE BEHAVIORS VIA SIRT1/NRF2/HO-1/GPX4 PATHWAY	DANG, RZ CHONGQING MED UNIV	JOURNAL OF NEUROINFLAMMATION 19 (1): - FEB 7 2022	50
69	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	50
70	星形胶质细胞和少突胶质细胞在阿尔茨海默病中的亚型特异性转录组变化	ASTROCYTES AND OLIGODENDROCYTES UNDERGO SUBTYPE-SPECIFIC TRANSCRIPTIONAL CHANGES IN ALZHEIMERS DISEASE	SADICK, JS NYU GROSSMAN SCH MED	NEURON 110 (11): 1788-+ JUN 1 2022	47
71	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	47
72	感染新冠的非人灵长类动物脑部的神经病理学	NEUROPATHOLOGY AND VIRUS IN BRAIN OF SARS-COV-2 INFECTED NON-HUMAN PRIMATES	RUTKAI, I TULANE UNIV	NATURE COMMUNICATIONS 13 (1): - APR 1 2022	42
73	使氯氮平滴定更安全的国际成人指南	AN INTERNATIONAL ADULT GUIDELINE FOR MAKING CLOZAPINE TITRATION SAFER BY USING SIX ANCESTRY-BASED PERSONALIZED DOSING TITRATIONS, CRP, AND CLOZAPINE LEVELS	DE LEON, J EASTERN STATE HOSP	PHARMACOPSYCHIATRY 55 (02): 73-86 MAR 2022	42
74	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	41

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75	意识理论	THEORIES OF CONSCIOUSNESS	SETH, AK UNIV SUSSEX	NATURE REVIEWS NEUROSCIENCE 23 (7): 439- 452 JUL 2022	40
76	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 & DEMENCIA 18 (12): 2669- 2686 DEC 2022	38
77	人类海马体未成熟神经元终身存在	MOLECULAR LANDSCAPES OF HUMAN HIPPOCAMPAL IMMATURE NEURONS ACROSS LIFESPAN	ZHOU, Y UNIV PENN	NATURE 607 (7919): 527-+ JUL 21 2022	37
78	阿尔茨海默病中的血浆磷酸化TAU蛋白:分析、解读和临床效用	BLOOD PHOSPHO-TAU IN ALZHEIMER DISEASE: ANALYSIS, INTERPRETATION, AND CLINICAL UTILITY	KARIKARI, TK UNIV GOTHENBURG	NATURE REVIEWS NEUROLOGY 18 (7): 400-418 JUL 2022	36
79	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	33
80	新冠中伴有补体系统激活和炎症的神经血管损伤	NEUROVASCULAR INJURY WITH COMPLEMENT ACTIVATION AND INFLAMMATION IN COVID-19	LEE, MH NATL INST NEUROL DISORDERS & STROKE	BRAIN 145 (7): 2555-2568 JUL 29 2022	32
81	新冠患者颅内感染的形态学、细胞和分子基础	MORPHOLOGICAL, CELLULAR, AND MOLECULAR BASIS OF BRAIN INFECTION IN COVID-19 PATIENTS	CRUNFLI, F UNIV ESTADUAL CAMPINAS	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 119 (35): - AUG 30 2022	26
82	墨尔本移动式卒中单元中替奈普酶和阿替普酶在早期治疗缺血性卒中的比较(TASTE-A):一项2期、随机、开放标签试验	COMPARISON OF TENECTEPLASE WITH ALTEPLASE FOR THE EARLY TREATMENT OF ISCHAEMIC STROKE IN THE MELBOURNE MOBILE STROKE UNIT (TASTE-A): A PHASE 2, RANDOMISED, OPEN-LABEL TRIAL	BIVARD, A UNIV MELBOURNE	LANCET NEUROLOGY 21 (6): 520-527 JUN 2022	26
83	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	23

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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	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	23
85	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	22
86	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	21
87	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	20
88	超微结构视角下的星形胶质细胞分支, 星形胶质细胞-星形胶质细胞和星形胶质细胞-突触接触, 细胞内囊泡样结构和线粒体网络结构	ULTRASTRUCTURAL VIEW OF ASTROCYTE ARBORIZATION, ASTROCYTE-ASTROCYTE AND ASTROCYTE-SYNAPSE CONTACTS, INTRACELLULAR VESICLE-LIKE STRUCTURES, AND MITOCHONDRIAL NETWORK	ATEN, SYDNEY OHIO STATE UNIV	PROGRESS IN NEUROBIOLOGY 213: - JUN 2022	20
89	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	19
90	光泵磁力仪脑磁图(OPM-MEG):下一代功能性神经成像利器	MAGNETOENCEPHALOGRAPHY WITH OPTICALLY PUMPED MAGNETOMETERS (OPM-MEG): THE NEXT GENERATION OF FUNCTIONAL NEUROIMAGING	BROOKES, MJ UNIV NOTTINGHAM	TRENDS IN NEUROSCIENCES 45 (8): 621-634 AUG 2022	19
91	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	17
92	SARS-COV-2通过刺突蛋白激活 NLRP3炎症小体	SARS-COV-2 DRIVES NLRP3 INFLAMMASOME ACTIVATION IN HUMAN MICROGLIA THROUGH SPIKE PROTEIN	ALBORNOZ, EA UNIV QUEENSLAND	MOLECULAR PSYCHIATRY : - NOV 1 2022	16

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93	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	16
94	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	15
95	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	14
96	功能获得SCN1A疾病谱:新的癫痫表型和治疗意义	THE GAIN OF FUNCTION SCN1A DISORDER SPECTRUM: NOVEL EPILEPSY PHENOTYPES AND THERAPEUTIC IMPLICATIONS	BRUNKLAUS, A UNIV GLASGOW	BRAIN 145 (11): 3816-3831 NOV 21 2022	14
97	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	13
98	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	11
99	基于生物信息学的失巢凋亡相关基因标志分析可预测低级别胶质瘤患者的预后	A BIOINFORMATICS-BASED ANALYSIS OF AN ANOIKIS-RELATED GENE SIGNATURE PREDICTS THE PROGNOSIS OF PATIENTS WITH LOW-GRADE GLIOMAS	ZHAO, SY NANJING MED UNIV	BRAIN SCIENCES 12 (10): - OCT 2022	10
100	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	10
101	肠-微生物群-脑轴通过膈下迷走神经在CHRNA7基因敲除小鼠抑郁样表型中的作用	A ROLE OF GUT-MICROBIOTA-BRAIN AXIS VIA SUBDIAPHRAGMATIC VAGUS NERVE IN DEPRESSION-LIKE PHENOTYPES IN CHRNA7 KNOCK-OUT MICE	YANG, Y CHIBA UNIV	PROGRESS IN NEURO- PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY 120: - JAN 10 2023	10

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102	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	8
103	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	6
104	铁死亡:创伤性脑损伤和脊髓损伤的关键参与者和潜在治疗靶点	FERROPTOSIS: A CRITICAL PLAYER AND POTENTIAL THERAPEUTIC TARGET IN TRAUMATIC BRAIN INJURY AND SPINAL CORD INJURY	LI, QS ZHENGZHOU UNIV	NEURAL REGENERATION RESEARCH 18 (3): 506-512 MAR 2023	6
105	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	5
106	压后皮质、内嗅皮质和海马体显示从自我中心到异体中心参照框架的门控转换	GATED TRANSFORMATIONS FROM EGOCENTRIC TO ALLOCENTRIC REFERENCE FRAMES INVOLVING RETROSPLLENIAL CORTEX, ENTORHINAL CORTEX, AND HIPPOCAMPUS	ALEXANDER, AS BOSTON UNIV	HIPPOCAMPUS 33 (5): 465-487 SP. ISS. SI MAY 2023	5
107	抗淀粉样蛋白抗体治疗阿尔茨海默病	ANTI-AMYLOID ANTIBODY THERAPIES IN ALZHEIMERS DISEASE	PERNECZKY, R LUDWIG MAXIMILIANS UNIV MUNCHEN	BRAIN 146 (3): 842-849 MAR 1 2023	5
108	随机对照试验的期望和临床意义	EXPECTATIONS AND CLINICAL MEANINGFULNESS OF RANDOMIZED CONTROLLED TRIALS	PETERSEN, RC MAYO CLIN	ALZHEIMERS & DEMENTIA : - FEB 7 2023	5
109	纠缠的大脑	THE ENTANGLED BRAIN	PESSOA, L UNIV MARYLAND	JOURNAL OF COGNITIVE NEUROSCIENCE 35 (3): 349-360 MAR 1 2023	5
110	将自我中心的观点转化为目标导向行为的模型	A MODEL FOR TRANSFORMING EGOCENTRIC VIEWS INTO GOAL-DIRECTED BEHAVIOR	LACHANCE, PA LACHANCE, PA	HIPPOCAMPUS 33 (5): 488-504 SP. ISS. SI MAY 2023	5

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