

ESI 中神经科学与行为领域热点论文 信息推送

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——基于 2018 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 2016 年 2 月至 2018 年 2 月发表的文章中, 在 2018 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 2018 年 7 月 12 日。

本期发布神经科学与行为领域热点文章 102 篇, 其中首次入榜文章 49 篇。单篇最高被引 964 次, 最低被引 3 次。被引 964 次的文章发表在 *Acta Neuropathologica* 上, 标题为 “The 2016 World Health Organization Classification of Tumors of The Central Nervous System: a Summary”, 第一作者为哈佛大学医学院、麻省总医院的 David N. Louis, 是世界卫生组织发布的 2016 版中枢神经系统肿瘤分类说明, 已经连续数期位居榜首。首次入榜的 49 篇中单篇最高被引 79 次的文章标题为 “DPABI: Data Processing & Analysis for (Resting-State) Brain Imaging”, 发表在 *Neuroinformatics* 上, 第一作者是中国科学院心理研究所 (Institute of Psychology, Chinese Academy of Sciences) 的严超赣, 文章介绍了脑影像数据处理与分析平台 (DPABI)。

本期首次入榜文章有:

- 26: 利用单核 RNA 测序技术研究神经元亚型;
- 44: 利用外显子组测序研究精神分裂症;
- 45: 共核蛋白病 (synucleinopathies) 的基因和病理标记物;
- 50: 功能脑网络的动力学机制;
- 52: 记忆的巩固;
- 56: 应激、糖皮质激素与记忆;
- 61: 丘脑与工作记忆;
- 63: 蛋白质内稳态 (proteostasis) 与神经退行性病变;
- 68: 主体感 (Sense of agency);
- 75: 有关情景记忆中前额叶与海马的交互作用的综述;
- 77: 可同时记录上百个神经元电活动的新型硅探头;
- 93: 海马神经元发生在发育早期后急剧下降;
- 98: 研究非人灵长类动物脑环路的光遗传和化学遗传技术的进展;

99: 预防创伤后侵入性记忆 (intrusive memories) 的出现。

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)。

中科院心理所信息中心

附表：ESI 2018 年 7 月更新的神经科学与行为领域热点论文

注：红色为首次入榜文章或领域；黑色在往期亦是热点文章。

序号	文章主题	题目	第一作者及其单位	出处及原文或摘要链接	单篇被引
1	世界卫生组织：中枢神经系统 肿瘤分类说明（2016 版）	THE 2016 WORLD HEALTH ORGANIZATION CLASSIFICATION OF TUMORS OF THE CENTRAL NERVOUS SYSTEM: A SUMMARY	LOUIS, DN HARVARD UNIV	ACTA NEUROPATHOL 131 (6): 803-820 JUN 2016 http://link.springer.com/article/10.1007%2Fs00401-016-1545-1	964
2	fMRI 分析中涉及到的一些基本 算法会产生假阳性“信号”，并 且发生频率较高	CLUSTER FAILURE: WHY FMRI INFERENCES FOR SPATIAL EXTENT HAVE INFLATED FALSE-POSITIVE RATES	EKLUND, A LINKOPING UNIV	PROC NAT ACAD SCI USA 113 (28): 7900-7905 JUL 12 2016 http://www.pnas.org/content/113/28/7900.full	513
3	阿尔茨海默症中 A β 斑块的沉 积	THE ANTIBODY ADUCANUMAB REDUCES A BETA PLAQUES IN ALZHEIMERS DISEASE	SEVIGNY, J BIOGEN IDEC	NATURE 537 (7618): 50-56 SEP 1 2016 http://www.nature.com/nature/journal/v537/n7618/full/nature19323.html	286

4	阿尔茨海默氏症早期突触丧失 机制	COMPLEMENT AND MICROGLIA MEDIATE EARLY SYNAPSE LOSS IN ALZHEIMER MOUSE MODELS	HONG, S NA-ALECTOR INC	SCIENCE 352 (6286): 712-716 MAY 6 2016 http://science.sciencemag.org/content/352/6286/712	253
5	机体降解氯胺酮 (Ketamine) 产生的一种代谢物可能是它抗 抑郁作用迅速起效的真正原因	NMDAR INHIBITION- INDEPENDENT ANTIDEPRESSANT ACTIONS OF KETAMINE METABOLITES	ZANOS, P MITCHELL WOODS PHARMACEUT	NATURE 533 (7604): 481-+ MAY 26 2016 http://www.nature.com/nature/journal/v533/n7604/full/nature17998.html	219
6	人类大脑皮层图谱	A MULTI-MODAL PARCELLATION OF HUMAN CEREBRAL CORTEX	GLASSER, MF IMPERIAL COLL LONDON	NATURE 536 (7615): 171-+ AUG 11 2016 http://www.nature.com/nature/journal/v536/n7615/full/nature18933.html	208

7	反应性星形胶质细胞与活化小胶质细胞	NEUROTOXIC REACTIVE ASTROCYTES ARE INDUCED BY ACTIVATED MICROGLIA	LIDDELOW, SA NA-ADRIENNE HELIS MALVIN MED RES FDN	NATURE 541 (7638): - JAN 26 2017 http://www.nature.com/nature/journal/v541/n7638/abs/nature21029.html	196
8	元分析：脑脊液和血液中的生物学标记物在阿尔兹海默症诊断中的角色	CSF AND BLOOD BIOMARKERS FOR THE DIAGNOSIS OF ALZHEIMERS DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS	OLSSON, B ALZFORUM	LANCET NEUROL 15 (7): 673-684 JUN 2016 http://www.sciencedirect.com/science/article/pii/S1474442216000703	152
9	综述：解码 ALS	DECODING ALS: FROM GENES TO MECHANISM	TAYLOR, JP HOWARD HUGHES MED INST	NATURE 539 (7628): 197-206 NOV 10 2016 http://www.nature.com/nature/journal/v539/n7628/full/nature20413.html	150

10	综述：神经炎症与神经退行性病变	HOW NEUROINFLAMMATION CONTRIBUTES TO NEURODEGENERATION	RANSOHOFF, RM BIOGEN IDEC	SCIENCE 353 (6301): 777-783 AUG 19 2016 http://science.sciencemag.org/content/353/6301/777	134
11	M1 和 M2 小胶质细胞真的存在吗？	A POLARIZING QUESTION: DO M1 AND M2 MICROGLIA EXIST?	RANSOHOFF, RM BIOGEN IDEC	NAT NEUROSCI 19 (8): 987-991 AUG 2016 http://www.nature.com/neuro/journal/v19/n8/full/nn.4338.html	125
12	利用 PET 示踪剂研究阿尔茨海默症中的 tau 蛋白病变	TAU PET PATTERNS MIRROR CLINICAL AND NEUROANATOMICAL	OSSENKOPPELE, R CHILDRENS HOSP COLORADO	BRAIN 139: 1551-1567 PART 5 MAY 1 2016 https://academic.oup.com/brain/article	116

		VARIABILITY IN ALZHEIMERS DISEASE		e/139/5/1551/2468725/Tau-PET-patterns-mirror-clinical-and	
13	急性缺血性中风的治疗	MECHANICAL THROMBECTOMY AFTER INTRAVENOUS ALTEPLASE VERSUS ALTEPLASE ALONE AFTER STROKE (THRACE): A RANDOMISED CONTROLLED TRIAL	BRACARD, S CHU BESANCON	LANCET NEUROL 15 (11): 1138- 1147 OCT 2016 http://www.sciencedirect.com/science/article/pii/S1474442216301776	97
14	元分析：免疫系统功能障碍与 精神疾病	A META-ANALYSIS OF BLOOD CYTOKINE NETWORK ALTERATIONS IN PSYCHIATRIC PATIENTS: COMPARISONS BETWEEN SCHIZOPHRENIA, BIPOLAR DISORDER AND	GOLDSMITH, DR AUGUSTA UNIV	MOL PSYCHIATR 21 (12): 1696- 1709 DEC 2016 http://www.nature.com/mp/journal/v21/n12/full/mp20163a.html	91

		DEPRESSION			
15	国际抗癫痫联盟 (International League Against Epilepsy, ILAE) 更新癫痫分类学	ILAE CLASSIFICATION OF THE EPILEPSIES: POSITION PAPER OF THE ILAE COMMISSION FOR CLASSIFICATION AND TERMINOLOGY	SCHEFFER, IE ALBERT EINSTEIN COLL MED	EPILEPSIA 58 (4): 512-521 APR 2017 http://onlinelibrary.wiley.com/doi/10.1111/epi.13709/full	90
16	经颅直流电刺激的安全性	SAFETY OF TRANSCRANIAL DIRECT CURRENT STIMULATION: EVIDENCE BASED UPDATE 2016	BIKSON, M ALBERT EINSTEIN COLL MED	BRAIN STIMUL 9 (5): 641-661 SEP-OCT 2016 http://www.sciencedirect.com/science/article/pii/S1935861X16301401	86
17	中风	TRANSFER OF MITOCHONDRIA FROM ASTROCYTES TO NEURONS AFTER STROKE	HAYAKAWA, K CAPITAL MED UNIV	NATURE 535 (7613): 551-+ JUL 28 2016 https://www.nature.com/articles/nature18928?elqTrackId=6065b51923c04	81

				1e7b1d568338bdeceda&elq=d18a525516ef4a5ab861916f9ab12978&elqaid=16324&elqat=1&elqCampaignId=17	
18	脑影像数据处理与分析平台 (DPABI)	DPABI: DATA PROCESSING & ANALYSIS FOR (RESTING- STATE) BRAIN IMAGING	YAN, CG INST PSYCHOLOGY CAS	NEUROINFORMATICS 14 (3): 339- 351 JUL 2016 https://link.springer.com/article/10.1007/s12021-016-9299-4	79
19	经颅直流电刺激治疗性使用的 循证指导方针	EVIDENCE-BASED GUIDELINES ON THE THERAPEUTIC USE OF TRANSCRANIAL DIRECT CURRENT STIMULATION (TDCS)	LEFAUCHEUR, JP ASSISTANCE PUBLIQUE HOPITAUX PARIS	CLIN NEUROPHYSIOL 128 (1): 56-92 JAN 2017 http://www.sciencedirect.com/science/article/pii/S1388245716306344	79

20	综述: 神经血管系统中的周细胞 (Pericyte)	PERICYTES OF THE NEUROVASCULAR UNIT: KEY FUNCTIONS AND SIGNALING PATHWAYS	SWEENEY, MD CYTOSOLVE RES DIV	NAT NEUROSCI 19 (6): 771-783 JUN 2016 https://www.nature.com/articles/nn.4288.pdf	78
21	急性中风的神经保护机制	NEUROPROTECTION IN ACUTE STROKE: TARGETING EXCITOTOXICITY, OXIDATIVE AND NITROSATIVE STRESS, AND INFLAMMATION	CHAMORRO, A CHARITE MED UNIV BERLIN	LANCET NEUROL 15 (8): 869-881 JUL 2016 http://www.sciencedirect.com/science/article/pii/S1474442216001149	74
22	四肢麻痹 (Quadriplegia) 的治疗	RESTORING CORTICAL CONTROL OF FUNCTIONAL MOVEMENT IN A HUMAN WITH QUADRIPLEGIA	BOUTON, CE BATTELLE MEMORIAL INST	NATURE 533 (7602): 247-+ MAY 12 2016 http://www.nature.com/nature/journal/v533/n7602/full/nature17435.html	74
23	新皮层中的 GABA 能中间神经	GABAERGIC INTERNEURONS IN	TREMBLAY, R	NEURON 91 (2): 260-292 JUL 20	73

	元	THE NEOCORTEX: FROM CELLULAR PROPERTIES TO CIRCUITS	NEW YORK UNIV	2016 http://www.cell.com/neuron/pdf/S0896-6273(16)30311-7.pdf	
24	国际抗癫痫联盟 (International league against epilepsy, ILAE) 就癫痫发作类型发布修订版指导意见	OPERATIONAL CLASSIFICATION OF SEIZURE TYPES BY THE INTERNATIONAL LEAGUE AGAINST EPILEPSY: POSITION PAPER OF THE ILAE COMMISSION FOR CLASSIFICATION AND TERMINOLOGY	FISHER, RS ALBERT EINSTEIN COLL MED	EPILEPSIA 58 (4): 522-530 APR 2017 http://onlinelibrary.wiley.com/doi/10.1111/epi.13670/full	73
25	母体感染寨卡病毒 (Zika) 与新生儿小头畸形 (Microcephaly)	CONGENITAL ZIKA VIRUS INFECTION BEYOND NEONATAL MICROCEPHALY	MELO, ASD NA-FAC CIENCIAS MED CAMPINA GRANDE	JAMA NEUROL 73 (12): 1407-1416 DEC 1 2016 http://jamanetwork.com/journals/jamaneurology/fullarticle/2557231	71

26	利用单核 RNA 测序技术研究神经元亚型	NEURONAL SUBTYPES AND DIVERSITY REVEALED BY SINGLE-NUCLEUS RNA SEQUENCING OF THE HUMAN BRAIN	LAKE, BB ILLUMINA	SCIENCE 352 (6293): 1586-1590 JUN 24 2016 http://science.sciencemag.org/content/352/6293/1586.full	66
27	神经影像研究结果的可靠性	SCANNING THE HORIZON: TOWARDS TRANSPARENT AND REPRODUCIBLE NEUROIMAGING RESEARCH	POLDRACK, RA CEA	NAT REV NEUROSCI 18 (2): 115-126 FEB 2017 https://www.nature.com/articles/nrn.2016.167	66
28	路易氏体痴呆 (Dementia with Lewy Bodies) 的诊断与管理	DIAGNOSIS AND MANAGEMENT OF DEMENTIA WITH LEWY BODIES FOURTH CONSENSUS REPORT OF THE DLB CONSORTIUM	MCKEITH, IG NA-AXOVANT SCI INC	NEUROLOGY 89 (1): 88-100 JUL 4 2017 http://n.neurology.org/content/neurology/89/1/88.full.pdf	64
29	调控食欲的神经环路	A RAPIDLY ACTING	FENSELAU, H	NAT NEUROSCI 20 (1): 42-51 JAN	63

		GLUTAMATERGIC ARC -> PVH SATIETY CIRCUIT POSTSYNAPTICALLY REGULATED BY ALPHA-MSH	HARVARD UNIV	2017 http://www.nature.com/neuro/journal/v20/n1/full/nn.4442.html	
30	综述: 疼痛的调节	PAIN REGULATION BY NON- NEURONAL CELLS AND INFLAMMATION	JI, RR DUKE UNIV	SCIENCE 354 (6312): 572-577 NOV 4 2016 http://science.sciencemag.org/content/354/6312/572	61
31	髓鞘少突胶质细胞糖蛋白 (myelin oligodendrocyte glycoprotein, MOG) 抗体与视 神经脊髓炎 (neuromyelitis optica, NMO) 和相关疾病	MOG-IGG IN NMO AND RELATED DISORDERS: A MULTICENTER STUDY OF 50 PATIENTS. PART 2: EPIDEMIOLOGY, CLINICAL PRESENTATION, RADIOLOGICAL AND LABORATORY FEATURES,	JARIUS, S NA-AZIENDA OSPED UNIV SAN LUIGI GONZAGA	J NEUROINFLAMM 13: - OCT 28 2016 https://jneuroinflammation.biomedcentral.com/articles/10.1186/s12974-016-0718-0	61

		TREATMENT RESPONSES, AND LONG-TERM OUTCOME			
32	综述：记录神经元活动的荧光 蛋白标记技术	GENETICALLY ENCODED INDICATORS OF NEURONAL ACTIVITY	LIN, MZ HOWARD HUGHES MED INST	NAT NEUROSCI 19 (9): 1142-1153 SEP 2016 https://www.nature.com/articles/nn.4359	60
33	综述：语义认知（Semantic cognition）的认知与神经计算机 制	THE NEURAL AND COMPUTATIONAL BASES OF SEMANTIC COGNITION	RALPH, MAL MRC	NAT REV NEUROSCI 18 (1): 42-55 JAN 2017 https://www.nature.com/articles/nrn.2016.150	58
34	微生物群（Microbiota）、免疫 系统和神经系统在健康和疾病 中的交互作用	INTERACTIONS BETWEEN THE MICROBIOTA, IMMUNE AND NERVOUS SYSTEMS IN HEALTH AND DISEASE	FUNG, TC UNIV CALIF LOS ANGELES	NAT NEUROSCI 20 (2): 145-155 FEB 2017 https://hsiao.science/static/pdf/FUNG2016.pdf	55

35	精神分裂症的多基因遗传风险	GENE EXPRESSION ELUCIDATES FUNCTIONAL IMPACT OF POLYGENIC RISK FOR SCHIZOPHRENIA	FROMER, M BROAD INST	NAT NEUROSCI 19 (11): 1442-1453 NOV 2016 https://dash.harvard.edu/bitstream/handle/1/32071902/5083142.pdf?sequence=1	52
36	投射神经元 (projection neurons) 示踪	A DESIGNER AAV VARIANT PERMITS EFFICIENT RETROGRADE ACCESS TO PROJECTION NEURONS	TERVO, DGR NA-4D MOL THERAPEUT	NEURON 92 (2): 372-382 OCT 19 2016 https://www.sciencedirect.com/science/article/pii/S0896627316305803	52
37	综述: 帕金森氏病的流行病学研究	THE EPIDEMIOLOGY OF PARKINSONS DISEASE: RISK FACTORS AND PREVENTION	ASCHERIO, A HARVARD TH CHAN SCH PUBL HLTH	LANCET NEUROL 15 (12): 1255- 1270 NOV 2016 https://www.sciencedirect.com/science/article/pii/S1474442216302307	51
38	自闭症谱系障碍高危婴儿早期	EARLY BRAIN DEVELOPMENT	HAZLETT, HC	NATURE 542 (7641): 348-+ FEB 16	49

	脑发育	IN INFANTS AT HIGH RISK FOR AUTISM SPECTRUM DISORDER	CAROLINA INST DEV DISABIL	2017 https://pdfs.semanticscholar.org/77ab/4ca4c04d451cf9204954b03525ef3c3d8f5f.pdf	
39	全基因组测序确定自闭症谱系 障碍 18 个候选基因	WHOLE GENOME SEQUENCING RESOURCE IDENTIFIES 18 NEW CANDIDATE GENES FOR AUTISM SPECTRUM DISORDER	YUEN, RKC NA-AUTISM SPEAKS	NAT NEUROSCI 20 (4): 602-+ APR 2017 https://www.nature.com/articles/nn.4524	49
40	帕金森氏病	SELECTIVE NEURONAL VULNERABILITY IN PARKINSON DISEASE	SURMEIER, DJ HOSP MADRID	NAT REV NEUROSCI 18 (2): 101- 113 FEB 2017 https://www.ncbi.nlm.nih.gov/labs/articles/28104909/	45
41	综述: 网络神经科学	NETWORK NEUROSCIENCE	BASSETT, DS	NAT NEUROSCI 20 (3): 353-364	44

			INDIANA UNIV BLOOMINGTON	MAR 2017 https://www.ncbi.nlm.nih.gov/labs/articles/28230844/	
42	在培养基中维持 9 个多月的人 脑类器官 (Organoids)	CELL DIVERSITY AND NETWORK DYNAMICS IN PHOTOSENSITIVE HUMAN BRAIN ORGANIDS	QUADRATO, G BROAD INST	NATURE 545 (7652): 48-+ MAY 4 2017 https://www.nature.com/articles/nature22047	42
43	2015 年痴呆的全球负担	THE WORLDWIDE COSTS OF DEMENTIA 2015 AND COMPARISONS WITH 2010	WIMO, A KAROLINSKA INST	ALZHEIMERS DEMENT 13 (1): 1- 7 JAN 2017 https://www.sciencedirect.com/science/article/pii/S1552526016300437	42
44	利用外显子组测序研究精神分裂症	INCREASED BURDEN OF ULTRA-RARE PROTEIN-	GENOVESE, G BROAD INST	NAT NEUROSCI 19 (11): 1433-1441 NOV 2016	42

		ALTERING VARIANTS AMONG 4,877 INDIVIDUALS WITH SCHIZOPHRENIA		https://dash.harvard.edu/bitstream/handle/1/32630604/5104192.pdf?sequence=1	
45	共核蛋白病 (synucleinopathies) 的基因和 病理标记物	NEUROPATHOLOGICAL AND GENETIC CORRELATES OF SURVIVAL AND DEMENTIA ONSET IN SYNUCLEINOPATHIES: A RETROSPECTIVE ANALYSIS	IRWIN, D CLEVELAND CLIN FDN	LANCET NEUROL 16 (1): 55-65 JAN 2017 https://www.thelancet.com/journals/laneur/article/PIIS1474-4422(16)30291-5/fulltext	42
46	铁、多巴胺、神经黑色素 (Neuromelanin) 在大脑衰老和 帕金森氏病中的作用	INTERACTIONS OF IRON, DOPAMINE AND NEUROMELANIN PATHWAYS IN BRAIN AGING AND PARKINSONS DISEASE	ZUCCA, FA CNR	PROG NEUROBIOL 155: 96-119 SP. ISS. SI AUG 2017 https://www.sciencedirect.com/science/article/pii/S030100821500101X	41
47	被特定配体活化的受体 (designer receptors exclusively	CHEMOGENETICS REVEALED: DREADD OCCUPANCY AND	GOMEZ, JL JOHNS HOPKINS MED	SCIENCE 357 (6350): 503-+ AUG 4 2017	40

	activated by a designer drugs, DREADDs) 技术	ACTIVATION VIA CONVERTED CLOZAPINE		http://science.sciencemag.org/content/357/6350/503	
48	综述: 丁酸盐 (Butyrate) 的神经药理学功能	THE NEUROPHARMACOLOGY OF BUTYRATE: THE BREAD AND BUTTER OF THE MICROBIOTA-GUT-BRAIN AXIS?	STILLING, RM TEAGASC	NEUROCHEM INT 99: 110-132 OCT 2016 https://www.sciencedirect.com/science/article/pii/S0197018616301747	40
49	清醒-睡眠节律中的突触重构	ULTRASTRUCTURAL EVIDENCE FOR SYNAPTIC SCALING ACROSS THE WAKE/SLEEP CYCLE	DE VIVO, L MARCHE POLYTECH UNIV	SCIENCE 355 (6324): 507-510 FEB 3 2017 http://science.sciencemag.org/content/355/6324/507	36
50	功能脑网络的动力学机制	THE DYNAMICS OF FUNCTIONAL BRAIN NETWORKS: INTEGRATED NETWORK STATES DURING	SHINE, JM ETH ZURICH	NEURON 92 (2): 544-554 OCT 19 2016 https://www.sciencedirect.com/science/article/pii/S0896627316305773	36

		COGNITIVE TASK PERFORMANCE			
51	血栓切除术 (Thrombectomy) 治疗急性中风	ASPIRATION THROMBECTOMY AFTER INTRAVENOUS ALTEPLASE VERSUS INTRAVENOUS ALTEPLASE ALONE	MOCCO, J NA-ALEXIAN BROS	STROKE 47 (9): 2331-2338 SEP 2016 https://www.ahajournals.org/doi/abs/ 10.1161/strokeaha.116.013372	35
52	记忆的巩固	ENGRAMS AND CIRCUITS CRUCIAL FOR SYSTEMS CONSOLIDATION OF A MEMORY	KITAMURA, T HOWARD HUGHES MED INST	SCIENCE 356 (6333): 73-+ APR 7 2017 http://science.sciencemag.org/content /356/6333/73.full	34
53	进行性核上性麻痹 (progressive supranuclear palsy, PSP) 的临 床诊断	CLINICAL DIAGNOSIS OF PROGRESSIVE SUPRANUCLEAR PALSYP: THE MOVEMENT DISORDER SOCIETY CRITERIA	HOGLINGER, GU ASSISTANCE PUBLIQUE HOPITAUX PARIS	MOVEMENT DISORD 32 (6): 853- 864 JUN 2017 https://onlinelibrary.wiley.com/doi/fu ll/10.1002/mds.26987	34

54	重性抑郁患者大脑皮层的异常：来自全球 20 个队列研究的结果	CORTICAL ABNORMALITIES IN ADULTS AND ADOLESCENTS WITH MAJOR DEPRESSION BASED ON BRAIN SCANS FROM 20 COHORTS WORLDWIDE IN THE ENIGMA MAJOR DEPRESSIVE DISORDER WORKING GROUP	SCHMAAL, L NA-AGAPLES DIAKONIEKLINIKUM ROTENBURG	MOL PSYCHIATR 22 (6): 900-909 JUN 2017 http://enigma.ini.usc.edu/wp-content/uploads/2016/06/mp201660a.pdf	33
55	SHANK 蛋白与自闭症谱系障碍	SHANK PROTEINS: ROLES AT THE SYNAPSE AND IN AUTISM SPECTRUM DISORDER	MONTEIRO, P BROAD INST	NAT REV NEUROSCI 18 (3): 147-157 MAR 2017 http://fenglaboratory.org/wp-content/uploads/2017/07/shank-proteins-roles-at-the-synapse-and-in-autism-spectrum-disorder-2017.pdf	32
56	应激、糖皮质激素与记忆	STRESS, GLUCOCORTICOIDS AND MEMORY: IMPLICATIONS	DE QUERVAIN, D RADBOD UNIV NIJMEGEN	NAT REV NEUROSCI 18 (1): 7-19 JAN 2017	30

		FOR TREATING FEAR-RELATED DISORDERS		https://www.psy.uni-hamburg.de/arbeitsbereiche/kognition/psychologie/publications/dequervain/2017-nrn.pdf	
57	单胺氧化酶抑制剂在人类大脑中的作用	MONOAMINE OXIDASE B INHIBITOR, SELEGILINE, REDUCES F-18-THK5351 UPTAKE IN THE HUMAN BRAIN	NG, KP ABBVIE	ALZHEIMERS RES THER 9: - MAR 31 2017 https://alzres.biomedcentral.com/articles/10.1186/s13195-017-0253-y	30
58	小胶质细胞 (Microglia)	A NEW FATE MAPPING SYSTEM REVEALS CONTEXT-DEPENDENT RANDOM OR CLONAL EXPANSION OF MICROGLIA	TAY, TL BIH	NAT NEUROSCI 20 (6): 793-+ JUN 2017 https://www.nature.com/articles/nn.4547	30
59	阿尔茨海默症中脑血流量调节与神经血管功能障碍	CEREBRAL BLOOD FLOW REGULATION AND	KISLER, K ZILKHA NEUROGENET INST	NAT REV NEUROSCI 18 (7): 419-434 JUL 2017	30

		NEUROVASCULAR DYSFUNCTION IN ALZHEIMER DISEASE		https://www.nature.com/articles/nrn.2017.48	
60	周细胞 (Pericyte) 变性导致神经血管功能障碍	PERICYTE DEGENERATION LEADS TO NEUROVASCULAR UNCOUPLING AND LIMITS OXYGEN SUPPLY TO BRAIN	KISLER, K ARMY MED UNIV	NAT NEUROSCI 20 (3): 406-416 MAR 2017 https://www.researchgate.net/publication/313112510_Pericyte_degeneration_leads_to_neurovascular_uncoupling_and_limits_oxygen_supply_to_brain	24
61	丘脑与工作记忆	THALAMIC PROJECTIONS SUSTAIN PREFRONTAL ACTIVITY DURING WORKING MEMORY MAINTENANCE	BOLKAN, SS CNRS	NAT NEUROSCI 20 (7): 987-+ JUL 2017 https://www.nature.com/articles/nn.4568	24
62	丘脑参与决策和注意力维持等	THALAMIC AMPLIFICATION OF	SCHMITT, LI	NATURE 545 (7653): 219-+ MAY	23

	认知过程	CORTICAL CONNECTIVITY SUSTAINS ATTENTIONAL CONTROL	NEW YORK UNIV	11 2017 https://hearingbrain.org/docs/schmitt_halassa_nature_2017.pdf	
63	蛋白质内稳态 (proteostasis) 与 神经退行性病变	PROTEIN QUALITY CONTROL BY MOLECULAR CHAPERONES IN NEURODEGENERATION	CIECHANOVER, A SEOUL NATL UNIV	FRONT NEUROSCI 11: - APR 6 2017 https://core.ac.uk/download/pdf/82869301.pdf	23
64	功能连接中运动伪迹的控制	BENCHMARKING OF PARTICIPANT-LEVEL CONFOUND REGRESSION STRATEGIES FOR THE CONTROL OF MOTION ARTIFACT IN STUDIES OF FUNCTIONAL CONNECTIVITY	CIRIC, R CORNELL UNIV	NEUROIMAGE 154: 174-187 JUL 1 2017 https://www.sciencedirect.com/science/article/pii/S1053811917302288	23
65	综述: 蛋白质内稳态与神经退	ER STRESS AND THE	HETZ, C	NAT REV NEUROL 13 (8): 477-491	22

	行性病变	UNFOLDED PROTEIN RESPONSE IN NEURODEGENERATION	GEROSCI CTR BRAIN HLTH & METAB	AUG 2017 https://www.nature.com/articles/nrneuro.2017.99	
66	肌萎缩性脊髓侧索硬化症与额 颞叶型痴呆	TIA1 MUTATIONS IN AMYOTROPHIC LATERAL SCLEROSIS AND FRONTOTEMPORAL DEMENTIA PROMOTE PHASE SEPARATION AND ALTER STRESS GRANULE DYNAMICS	MACKENZIE, IR DREXEL UNIV	NEURON 95 (4): 808-+ AUG 16 2017 https://www.cell.com/neuron/fulltext/S0896-6273(17)30647-5	20
67	下丘脑视前区与睡眠	IDENTIFICATION OF PREOPTIC SLEEP NEURONS USING RETROGRADE LABELLING AND GENE PROFILING	CHUNG, S ALLEN INST BRAIN SCI	NATURE 545 (7655): 477-+ MAY 25 2017 https://www.nature.com/articles/nature22350	20
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	agency)	HUMAN BRAIN	UNIV COLL LONDON	208 APR 2017 https://www.nature.com/articles/nrn.2017.14	
69	铁代谢紊乱与帕金森氏病	BRAIN IRON METABOLISM DYSFUNCTION IN PARKINSONS DISEASE	JIANG, H HARVARD UNIV	MOL NEUROBIOL 54 (4): 3078- 3101 MAY 2017 https://link.springer.com/content/pdf/10.1007%2Fs12035-016-9879-1.pdf	18
70	1990-2015 年神经疾病的全球、 地区、国家负担	GLOBAL, REGIONAL, AND NATIONAL BURDEN OF NEUROLOGICAL DISORDERS DURING 1990-2015: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2015	FEIGIN, VL ADDIS ABABA UNIV	LANCET NEUROL 16 (11): 877- 897 NOV 2017 https://www.thelancet.com/journals/laneur/article/PIIS1474-4422(17)30299-5/fulltext	17
71	多巴胺系统调节帕金森氏病的	DOPAMINE OXIDATION	BURBULLA, LF	SCIENCE 357 (6357): 1255-+ SEP	17

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73	综述：神经元细胞分类	NEURONAL CELL-TYPE CLASSIFICATION: CHALLENGES, OPPORTUNITIES AND THE PATH FORWARD	ZENG, HK ALLEN INST BRAIN SCI	NAT REV NEUROSCI 18 (9): 530- 546 SEP 2017 https://www.ncbi.nlm.nih.gov/labs/articles/28775344/	16
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78	深部刺激苍白球治疗肌张力障碍 (dystonia)	EXPERIENCE OF PALLIDAL DEEP BRAIN STIMULATION IN DYSTONIA AT A TERTIARY CARE CENTRE IN INDIA: AN INITIAL EXPERIENCE	MANJUNATH, M NATL INST MENTAL HLTH NEUROSCI	NEUROL INDIA 65 (6): 1322-1329 NOV-DEC 2017 http://www.neurologyindia.com/article.asp?issn=0028-3886;year=2017;volume=65;issue=6;epage=1322;epage=1329;aulast=Manjunath;type=0	10
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84	2017 版多发性硬化症诊断的 McDonald 标准	DIAGNOSIS OF MULTIPLE SCLEROSIS: 2017 REVISIONS OF THE MCDONALD CRITERIA	THOMPSON, AJ CHILDRENS HOSP PHILADELPHIA	LANCET NEUROL 17 (2): 162-173 FEB 2018 https://www.sciencedirect.com/science/article/pii/S1474442217304702	9
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87	运动障碍中震颤 (tremor) 的分型	CONSENSUS STATEMENT ON THE CLASSIFICATION OF TREMORS. FROM THE TASK FORCE ON TREMOR OF THE INTERNATIONAL PARKINSON AND MOVEMENT DISORDER SOCIETY	BHATIA, KP IMPERIAL COLL LONDON	MOVEMENT DISORD 33 (1): 75-87 JAN 2018 https://onlinelibrary.wiley.com/doi/10.1002/mds.27121	8
88	多相 CT 血管造影术 (Multiphase CT Angiography) 与急性缺血性卒中	IMPROVED DETECTION OF ANTERIOR CIRCULATION OCCLUSIONS: THE DELAYED VESSEL SIGN ON MULTIPHASE CT ANGIOGRAPHY	BYRNE, D MATER MISERICORDIAE UNIV HOSP	AMER J NEURORADIOL 38 (10): 1911-1916 OCT 2017 http://www.ajnr.org/content/38/10/1911	6
89	氯胺酮治疗抑郁	KETAMINE BLOCKS BURSTING	YANG, Y	NATURE 554 (7692): 317-+ FEB 15	6

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92	肌萎缩性脊髓侧索硬化症与额	TDP-43 PATHOLOGY DISRUPTS	CHOU, CC	NAT NEUROSCI 21 (2): 228-+ FEB	4

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93	海马神经元发生在发育早期后 急剧下降	HUMAN HIPPOCAMPAL NEUROGENESIS DROPS SHARPLY IN CHILDREN TO UNDETECTABLE LEVELS IN ADULTS	SORRELLS, SF CIBERNED	NATURE 555 (7696): 377-+ MAR 15 2018 http://iobs.fudan.edu.cn/Assets/userfiles/sys_eb538c1c-65ff-4e82-8e6a-a1ef01127fed/files/%E6%9C%80%E6%96%B0%E8%AE%BA%E6%96%87/Human%20hippocampal%20neurogenesis%20drops%20sharply%20in%20children%20to%20undetectable%20levels%20in%20adults.pdf	4
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96	脊髓损伤	SPINAL CORD LESIONS: A MODEST CONTRIBUTOR TO DIAGNOSIS IN CLINICALLY ISOLATED SYNDROMES BUT A RELEVANT PROGNOSTIC FACTOR	ARRAMBIDE, G CATALAN HLTH INST	MULT SCLER J 24 (3): 301-312 MAR 2018 http://journals.sagepub.com/doi/abs/10.1177/1352458517697830?journalCode=msja	3
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98	研究非人灵长类动物脑环路的光遗传和化学遗传技术的进展	ADVANCES IN OPTOGENETIC AND CHEMOGENETIC METHODS TO STUDY BRAIN CIRCUITS IN NON-HUMAN PRIMATES	GALVAN, A EMORY UNIV	J NEURAL TRANSM 125 (3): 547- 563 SP. ISS. SI MAR 2018 https://link.springer.com/content/pdf/ 10.1007%2Fs00702-017-1697-8.pdf	3
99	预防创伤后侵入性记忆 (intrusive memories) 的出现	PREVENTING INTRUSIVE MEMORIES AFTER TRAUMA VIA A BRIEF INTERVENTION INVOLVING TETRIS COMPUTER GAME PLAY IN THE	IYADURAI, L KAROLINSKA INST	MOL PSYCHIATR 23 (3): 674-682 MAR 2018 https://www.researchgate.net/publicat ion/315702702_Preventing_intrusive _memories_after_trauma_via_a_brief	3

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100	综述：健康人群与神经退行性疾病患者的轴突 mRNA 转运	TO THE END OF THE LINE: AXONAL MRNA TRANSPORT AND LOCAL TRANSLATION IN HEALTH AND NEURODEGENERATIVE DISEASE	COSTA, CJ BURKE MED RES INST	DEV NEUROBIOL 78 (3): 209-220 SP. ISS. SI MAR 2018 https://onlinelibrary.wiley.com/doi/abs/10.1002/dneu.22555	3
101	蛛网膜下腔出血 (Subarachnoid Hemorrhage) 的治疗	EFFECT OF HHH-THERAPY ON REGIONAL CBF AFTER SEVERE SUBARACHNOID HEMORRHAGE STUDIED BY BEDSIDE XENON-ENHANCED CT	ENGQUIST, H UPPSALA UNIV	NEUROCRIT CARE 28 (2): 143-151 APR 2018 https://link.springer.com/content/pdf/10.1007%2Fs12028-017-0439-y.pdf	3

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