mcknight brain research foundation

mcknight brain research foundation is a prominent organization dedicated to advancing neuroscience research and understanding the complexities of the human brain. Established with the goal of funding innovative brain science, the foundation supports leading scientists who are investigating neurological diseases, brain function, and cognitive health. This article provides an in-depth overview of the McKnight Brain Research Foundation, including its history, mission, funding initiatives, and impact on the scientific community. Additionally, it explores the foundation's role in promoting collaboration among researchers and fostering breakthroughs in brain-related disorders. Readers will gain comprehensive insights into how this foundation contributes to the broader field of neuroscience and why it remains a critical player in brain research funding.

Overview and History of the McKnight Brain Research Foundation

The McKnight Brain Research Foundation was established in the early 1980s with the primary goal of supporting innovative brain research. Founded by members of the McKnight family, the foundation has grown from a modest philanthropic effort into a major funding source within the neuroscience community. Its origins lie in the desire to accelerate scientific discovery that could lead to treatments or cures for brain-related illnesses. Over the decades, the foundation has maintained a focus on high-impact research, emphasizing the importance of understanding brain function at molecular, cellular, and systems levels.

The foundation's history is marked by consistent support for pioneering scientists and institutions, enabling breakthroughs in areas such as neurodegenerative diseases, learning and memory, and brain plasticity. Its longevity and sustained commitment have positioned it as a respected entity in the field of brain science funding.

Mission and Core Objectives

The mission of the McKnight Brain Research Foundation centers on advancing scientific understanding of the brain through funding and promoting innovative research. The foundation strives to alleviate the burden of

neurological diseases by supporting research that could lead to effective interventions or cures. This mission is accomplished through several core objectives:

- Providing competitive grants to early-career and established neuroscientists
- Encouraging high-risk, high-reward research projects
- Fostering interdisciplinary approaches to brain science
- Promoting the dissemination of research findings to accelerate scientific progress
- Supporting education and training programs in neuroscience

These objectives reflect the foundation’s commitment to nurturing talent and innovation in brain research, thereby contributing to better understanding and treatment of brain disorders.

Funding Programs and Grant Opportunities

The McKnight Brain Research Foundation offers several funding programs designed to support various stages of scientific inquiry in neuroscience. These grant opportunities are highly competitive and focus on scientific merit and potential impact. The foundation primarily funds research in areas such as memory and cognitive disorders, brain plasticity, and neurodegenerative diseases like Alzheimer’s and Parkinson’s.

McKnight Scholar Awards

One of the foundation’s flagship initiatives is the McKnight Scholar Awards program. This award targets young, promising neuroscientists who have demonstrated exceptional potential to advance brain research. The program provides multi-year funding, enabling recipients to establish independent research programs and generate preliminary data for further funding.

Memory and Cognitive Disorders Awards

Another major program focuses specifically on the study of memory and cognitive disorders, supporting research that aims to elucidate mechanisms underlying memory loss and cognitive decline. These grants help accelerate the development of novel therapeutic strategies for conditions such as Alzheimer’s disease.

Collaborative Research Grants

The foundation also encourages collaborative research efforts by funding projects that bring together scientists from different disciplines and institutions. These grants promote the exchange of ideas and resources, fostering innovative approaches to solving complex brain-related problems.

Impact on Neuroscience Research

The McKnight Brain Research Foundation has had a significant impact on the neuroscience community by enabling critical discoveries and supporting the careers of numerous leading scientists. Its funding model prioritizes early-stage investigators, which has helped retain talented researchers in the field and catalyze novel research avenues.

Many recipients of McKnight grants have gone on to make landmark contributions to understanding brain function, including elucidating cellular mechanisms of learning and memory, identifying biomarkers for neurological diseases, and developing new therapeutic interventions. The foundation's emphasis on innovative, high-risk projects has often resulted in breakthroughs that traditional funding sources might overlook.

- Advancement of knowledge in synaptic plasticity and neural circuitry
- Progress in understanding neurodegenerative disease mechanisms
- Development of new models to study brain aging
- Support for translational research aimed at clinical applications

Collaborations and Partnerships

Collaboration is a cornerstone of the McKnight Brain Research Foundation's strategy to maximize its impact on brain research. The foundation works closely with academic institutions, research centers, and other funding organizations to create synergistic opportunities for scientific progress. These partnerships enhance resource sharing and enable larger, multidisciplinary projects that address complex neuroscientific questions.

Additionally, the foundation engages with advocacy groups and policy makers to raise awareness of brain research priorities and the importance of sustained funding. Through these collaborative efforts, the McKnight Brain Research Foundation helps create an ecosystem conducive to innovation and discovery in neuroscience.

Future Directions and Initiatives

Looking ahead, the McKnight Brain Research Foundation aims to expand its support for cutting-edge neuroscience research by embracing emerging technologies and methodologies. Areas such as neuroimaging, genomics, and artificial intelligence are becoming increasingly relevant in brain research, and the foundation is adapting its funding priorities accordingly.

Future initiatives include:

1. Increasing investment in interdisciplinary research combining biology, engineering, and computational sciences
2. Supporting diversity and inclusion efforts within the neuroscience community
3. Enhancing training programs to equip researchers with skills in novel

technologies

4. Expanding grant programs to address unmet needs in brain health and disease

By aligning its mission with evolving scientific landscapes, the McKnight Brain Research Foundation continues to play a vital role in shaping the future of brain research.

Frequently Asked Questions

What is the McKnight Brain Research Foundation?

The McKnight Brain Research Foundation is a non-profit organization dedicated to advancing research in neuroscience, focusing on understanding brain function and developing treatments for neurological disorders.

What are the main goals of the McKnight Brain Research Foundation?

The foundation aims to support innovative brain research, promote interdisciplinary collaboration, and fund studies that improve knowledge of brain function and dysfunction.

How does the McKnight Brain Research Foundation support neuroscience research?

The foundation provides grants and fellowships to researchers working on cutting-edge neuroscience projects, particularly those exploring memory, cognition, and brain diseases.

Who can apply for funding from the McKnight Brain Research Foundation?

Typically, early-career and established neuroscientists affiliated with academic or research institutions can apply for grants and fellowships offered by the foundation.

What types of research projects does the McKnight Brain Research Foundation prioritize?

The foundation prioritizes projects that focus on neural mechanisms of memory and cognition, understanding neurological diseases, and developing new therapeutic approaches.

Where is the McKnight Brain Research Foundation based?

The McKnight Brain Research Foundation is based in the United States, with a focus on supporting research primarily in American institutions.

How can I donate to the McKnight Brain Research Foundation?

Donations can be made through the foundation's official website, which provides options for one-time or recurring contributions to support neuroscience research.

What impact has the McKnight Brain Research Foundation had on neuroscience?

The foundation has significantly advanced brain research by funding innovative studies that have led to better understanding of memory, brain plasticity, and neurological disorders.

Are there any notable researchers funded by the McKnight Brain Research Foundation?

Yes, many prominent neuroscientists have received support from the foundation early in their careers, which has helped propel important discoveries in brain science.

Does the McKnight Brain Research Foundation collaborate with other organizations?

The foundation often partners with academic institutions, research centers, and other non-profits to foster collaborative efforts in advancing brain research.

Additional Resources

1. *Neuroscience Frontiers: Advances in Brain Research*
This book explores the latest breakthroughs in brain science, highlighting key studies supported by the McKnight Brain Research Foundation. It provides an in-depth look at neural mechanisms underlying cognition, memory, and neurological disorders. Researchers and students alike will find comprehensive insights into how brain research is evolving with innovative technologies.

2. *Unlocking Memory: The Science Behind Learning and Recall*
Focusing on the biological basis of memory, this book delves into the processes of memory formation, retention, and retrieval. It draws on research funded by the McKnight Brain Research Foundation to explain how synaptic plasticity and neural circuits influence learning. The book also discusses implications for treating memory-related conditions such as Alzheimer’s disease.

3. *Neural Circuits and Behavior: Bridging Brain and Mind*
This volume examines the connection between neural circuitry and behavioral outcomes, showcasing studies supported by the McKnight Brain Research Foundation. It addresses how specific brain regions coordinate to produce behavior and how disruptions can lead to neurological disorders. The book provides a multidisciplinary perspective combining neuroscience, psychology, and computational modeling.

4. *Brain Plasticity and Neural Repair*
Highlighting the brain's remarkable ability to adapt and recover, this book covers mechanisms of neural plasticity and strategies for promoting brain repair. Supported by McKnight-funded research, it discusses therapeutic advances in stroke recovery, neurodegeneration, and traumatic brain injury. The text is essential for clinicians and researchers focused on brain rehabilitation.

5. *Molecular Neuroscience: From Genes to Cognition*
This comprehensive guide explores the molecular underpinnings of brain function, emphasizing genetic and biochemical pathways. Drawing on McKnight Brain Research Foundation projects, it reveals how molecular changes impact cognition and neurological health. The book serves as a valuable resource for understanding the integration of molecular biology in neuroscience.

6. *Alzheimer's Disease: Pathways to Prevention and Treatment*
This book offers a detailed overview of Alzheimer's disease, including its pathology, risk factors, and emerging treatments. Supported by McKnight Foundation research, it highlights recent discoveries in disease mechanisms and potential therapeutic targets. It is an essential read for anyone interested in the fight against neurodegenerative diseases.

7. *Synapses and Neural Communication*
Focusing on the fundamental units of brain communication, this book examines synaptic structure and function. It incorporates findings from McKnight-funded studies on neurotransmitter systems and synaptic plasticity. The content is aimed at advancing understanding of how neurons interact to support cognition and behavior.

8. *Innovations in Brain Imaging Techniques*
This text reviews cutting-edge brain imaging technologies that have revolutionized neuroscience research. Supported by the McKnight Brain Research Foundation, it covers methods such as fMRI, PET, and optogenetics. The book highlights how these tools enable detailed mapping of brain activity and contribute to diagnosing neurological conditions.

9. *Neurodegenerative Disorders: Mechanisms and Therapeutic Strategies*
This book delves into the biological mechanisms underlying neurodegenerative diseases like Parkinson's and Huntington's, with insights from McKnight-funded research. It discusses current and experimental therapies aimed at slowing or reversing disease progression. The volume is a critical resource for researchers and healthcare professionals working in neurology and neuropharmacology.

Mcknight Brain Research Foundation

mcknight brain research foundation: Food and Addiction Kelly D. Brownell, Mark S. Gold, 2012-08-30 Food and Addiction: A Comprehensive Handbook brings scientific order to the issue of

food and addiction, spanning multiple disciplines to create the foundation for what is a rapidly advancing field and to highlight needed advances in science and public policy. The book assembles leading scientists and policy makers from fields such as nutrition, addiction, psychology, epidemiology, and public health to explore and analyze the scientific evidence for the addictive properties of food.

mcknight brain research foundation: Research Funding in Neuroscience Gabrielle Strobel, 2010-07-28 The book is a history of the McKnight Endowment Fund for Neuroscience and an assessment of its effectiveness in advancing neuroscience. The book discusses the Fund's early and steady commitment to basic science as well as it's tradition of leveraging relatively modest dollars to make a big difference in careers and the field overall. The fund exists strictly to give awards and create a community of peers through an annual conference dedicated to research. In near unison, scientists who have received awards say they were able to test a risky idea, get their career off the ground, or make a significant change in their career because of McKnight's flexible dollars. The book consists of three parts: (1) origins--including both the funder and the scientists who shaped the program; (2) a review of the science to show how McKnight awardees have advanced the field; and (3) 10 keys to success. We also have an interview with Julius Axelrod (one of the early advisors, done shortly before his death in 2004) and stories of how awardees used their McKnight grants, plus other information.

mcknight brain research foundation: Cumulative List of Organizations Described in Section 170 (c) of the Internal Revenue Code of 1986 , 2000

mcknight brain research foundation: Neuroimaging Approaches to the Study of Cognitive Aging Ronald Cohen, Clinton B. Wright, Adam J. Woods, Gene E. Alexander, Kristina Visscher, 2020-07-29

mcknight brain research foundation: University of Florida Today , 2001

mcknight brain research foundation: The neuroscience of advancing age George M Opie, Mitchell Ryan Goldsworthy, John Semmler, Rachael D Seidler, Ann-Maree Vallence, 2023-05-08

mcknight brain research foundation: *Cumulative List of Organizations Described in Section 170 (c) of the Internal Revenue Code of 1954* , 2003

mcknight brain research foundation: CNN □□□□ 2020 □ 10 □□ No.241□□□□□ LiveABC□□□, □□ The Democratic Duo □□□□□□ □□□□□□□□ Senator Kamala Harris Tapped as Joe Biden’s Running Mate 2020□□□ □□ A Blast in Beirut □□□□□□□ □□□□□□□□□ Huge Explosion Tears through Lebanon’s Capital City 8□4□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□180□□□□6,000 □□□□□□□□□□□□□□□□□□□□□ □□ Retail Entertainment □□□□□□□ □□□□□□□□ The Popularity of Live-Streaming Shopping in China □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□ □□ The Cognitive Challenge □□□□□□ □□□□□□□□ Does the Age of Presidential Candidates Really Matter? □□□□□□□□□□□□□□□□□□□□□□□□□□□74□□□□77□□□□□□□□□□□□□□□□□□□CNN□□□□□□□ □□ The Drone Ranger □□□□□□ □□□□□□□ Using Autonomous Vehicles and UAVs to Deliver Urgent Supplies □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□ A Global Struggle □□□□□□□ □□□□□□ □□ How Nations around the World Are Grappling with the Pandemic □□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□ Back to School □□□□□ □□□□□□□ The Measures Taken to Protect Returning Students from COVID-19 □□ □□□□□□□□□ □□ Shops Shutter □□□□□□□□□□□□□□□□□□□□ Thousands of Small Businesses in the US Close Because of the Pandemic □□□ □ □ Save the Seas □□□□□ □□□□□□□□□□ Plastic Made from Seaweed Can Help Protect Life above and below the Water’s Surface □□ □□ Plasma Warfare □□□□□□□□□□□□—□□□□□□ Antibodies May Help Prevent the Coronavirus until a Vaccine Is Developed □□ CNN □□□□ Taiwan President Meets US Health Official □□□□□□□□□□□□□□ EU Agrees to COVID-19 Recovery Deal □□□□□□□□□□□□ BA Retires the 747 □□□□□□□747□□□□ CNN□□□□□ □□□□□□□ □□□□□□ □□□□ □□□□□CNN A Socially-Distanced Hajj □□□□ □□□□□□ □□□□□ □□□□□□□□□□□□□□

mcknight brain research foundation: Progress Report on Alzheimer's Disease (2009);

Translating New Knowledge Barry Leonard, 2011-05 The U.S. investment in Alzheimer¿s research through the Nat. Inst. of Health (NIH) has resulted in accelerating progress on several research fronts and laid the groundwork for future discovery. This report highlights key findings related to: discovery of new genes and biological mechanisms that cause Alzheimer¿s disease; earlier disease detection using neuro-imaging and biomarkers; links between Alzheimer¿s and other age-related diseases; rapid translation of lab findings to potential treatments; lifestyle factors that may protect against the disease; successful cognitive aging; clinical trials underway now to prevent or treat Alzheimer¿s and cognitive decline; research-tested strategies to support caregivers. Illus. This is a print on demand report.

mcknight brain research foundation: BioMEMS and Biomedical Nanotechnology Mihrimah Ozkan, Michael Heller, 2007-04-03 Contributions reporting on fundamental and applied investigations of the material science, biochemistry, and physics of biomedical microdevices with applications to Genomics and Proteomics. Topics include gene expression profiling utilizing microarray technology; imaging and sensing for gene detection and use in DNA analysis; and coverage of advanced microfluidic devices and the Humane Genome Project.

mcknight brain research foundation: A Fresh Look at Fraud Yaniv Hanoch, Stacey Wood, 2022-05-09 A Fresh Look at Fraud features psychologists, criminologists, and computer scientists to address the state-of-the-art research on the rising problem of fraud, scams, and financial abuse, stimulating a cross-disciplinary exchange of ideas, theories, methods, and practices. In this timely volume, Yaniv Hanoch and Stacey Wood bring together leading international researchers to discuss and review state-of-the-art research in fraud research, adopting diverse methodologies (from experimental to neuroimaging), perspectives, and questions. The book addresses topics such as mass marketing fraud, financial exploitation, ageing and cyber fraud, risk factors associated with becoming a fraud victim and online/cryptocurrency fraud. It offers a holistic picture of emerging trends and issues in fraud research and also includes discussion of the 'Next Frontiers' in research and important insights on how to create solutions. This book will be a crucial read for practitioners and researchers engaged in fraud research and other fields such as Forensic Psychology, Social Psychology, Criminal Behavior, and Criminology, as well as for postgraduates training in these fields.

mcknight brain research foundation: Concise Learning and Memory , 2010-05-25 The study of learning and memory is a central topic in neuroscience and psychology. Many of the basic research findings are directly applicable in the treatment of diseases and aging phenomena, and have found their way into educational theory and praxis. Concise Learning and Memory represents the best 30 chapters from Learning and Memory: A comprehensive reference (Academic Press March 2008), the most comprehensive source of information about learning and memory ever assembled, selected by one of the most respective scientists in the field, John H. Byrne. This concise version provides a truly authoritative collection of overview articles representing fundamental reviews of our knowledge of this central cognitive function of animal brains. It will be an affordable and accessible reference for scientists and students in all areas of neuroscience and psychology. There is no other single-volume reference with such authority and comprehensive coverage and depth currently available. - Represents an authoritative selection of the fundamental chapters from the most comprehensive source of information about learning and memory ever assembled, Learning and Memory - A comprehensive reference (Academic Press Mar 2008) - Representing outstanding scholarship, each chapter is written by a leader in the field and an expert in the topic area - All topics represent the most up to date research - Full color throughout, heavily illustrated - Priced to provide an affordable reference to individuals and workgroups

mcknight brain research foundation: Models of Seizures and Epilepsy Asla Pitkänen, Paul Buckmaster DVM PhD, Aristea S Galanopoulou, Solomon L. Moshé, 2017-06-14 Models of Seizures and Epilepsy, Second Edition, is a valuable, practical reference for investigators who are searching for the most appropriate laboratory models to address key questions in the field. The book also provides an important background for physicians, fellows, and students, offering insight into the

potential for advances in epilepsy research as well as R&D drug development. Contents include the current spectrum of models available to model different epilepsy syndromes, epilepsy in transgenic animals, comorbidities in models of epilepsy, and novel technologies to study seizures and epilepsies in animals. - Provides a comprehensive reference detailing animal models of epilepsy and seizure - Offers insights on the use of novel technologies that can be applied in experimental epilepsy research - Edited by leading experts in the field that provide not only technical reviews of these models but also conceptual critiques - Comments on the strengths and limitations of various models, including their relationship to clinical phenomenology and their value in developing better understanding and treatments

mcknight brain research foundation: Optimization in Science and Engineering Themistocles M. Rassias, Christodoulos A. Floudas, Sergiy Butenko, 2014-05-29 Optimization in Science and Engineering is dedicated in honor of the 60th birthday of Distinguished Professor Panos M. Pardalos. Pardalos's past and ongoing work has made a significant impact on several theoretical and applied areas in modern optimization. As tribute to the diversity of Dr. Pardalos's work in Optimization, this book comprises a collection of contributions from experts in various fields of this rich and diverse area of science. Topics highlight recent developments and include: Deterministic global optimization Variational inequalities and equilibrium problems Approximation and complexity in numerical optimization Non-smooth optimization Statistical models and data mining Applications of optimization in medicine, energy systems, and complex network analysis This volume will be of great interest to graduate students, researchers, and practitioners, in the fields of optimization and engineering.

mcknight brain research foundation: The SAGE Encyclopedia of Stem Cell Research Eric E. Bouhassira, 2015-06-15 The SAGE Encyclopedia of Stem Cell Research, Second Edition is filled with new procedures and exciting medical breakthroughs, including executive orders from the Obama administration reversing barriers to research imposed under the Bush administration, court rulings impacting NIH funding of research based on human embryonic stem cells, edicts by the Papacy and other religious leaders, and the first success in cloning human stem cells. Stem cell biology is clearly fueling excitement and potential in traditional areas of developmental biology and in the field of regenerative medicine, where they are believed to hold much promise in addressing any number of intractable medical conditions. This updated second edition encyclopedia will expand on information that was given in the first edition and present more than 270 new and updated articles that explore major topics in ways accessible to nonscientists, thus bringing readers up-to-date with where stem cell biology stands today, including new and evolving ethical, religious, legal, social, and political perspectives. This second edition reference work will serve as a universal resource for all public and academic libraries. It is an excellent foundation for anyone who is interested in the subject area of stem cell biology. Key Features: Reader's Guide, Further Readings, Cross References, Chronology, Resource Guide, Index A Glossary will elucidate stem cell terminology for the nonscientist Statistics and selected reprints of major journal articles that pertain to milestones achieved in stem cell research Documents from Congressional Hearings on stem cells and cloning Reports to the President's Council on Bioethics, and more

mcknight brain research foundation: *Official Gazette of the United States Patent and Trademark Office* , 2004

mcknight brain research foundation: 聽懂**CNN**主播最常用的英語關鍵字**(**口袋書**)** LiveABC編輯群, 2021-09-16 想提升英語能力的你，有以下困擾嗎? ■ 新聞主播講太快，到底在說什麼? ■ 這個新聞單字沒學過，有聽沒有懂? ■ 好想聽懂熱門新聞，聊天不缺話題! 聽懂CNN主播系列又來啦! 幫助你從『播報片段』與『重點單字』下手 累積英語深度，和外國朋友暢聊不冷場! 150個高討論度新聞主題 500個全球話題單字 最有話題的英語單字書，你必須擁有! 想擺脫鴨子聽雷的窘境，要先從聽懂關鍵單字開始! 當我們在觀看英語播報的新聞時，最大的困難點除了播報員的語速之外，就是許多沒學過的新字。很明顯地，新聞英文所使用的單字與一般生活對話不同，其中包含了許多政治學、社會學、經濟學、科技、太空、生化等等的專有名詞，這些單字都會嚴重影響到我們對於整篇報導的理解。因此想要看懂英語的新聞報導，最重要的就是先從單字下手。從『播報片段』與『重點單字』下手，快速Get新聞重點! 本書共規劃五個單元:「政治」、「商業」、「科技」、「自然」、「娛樂」，擷取2020年5月到2021年6月的CNN新聞播報篇章150段，每段新聞挑出3到5個重點必學單字，整本書共收入超過500個新聞英語單字。每篇報導除了保留CNN原文內容以及音檔之外，重點單字還加上音標、中譯，並針對每個字提供: 說明、字源拆解、常用詞、用法、同義字、反義字、延伸、例句，全面了解此字的深層意義以及使用時機，讀完之後可以再回去看此單字在原文中的使用方式，讓你學會最道地的表達。目錄介紹 政治POLITICS 001加強接觸者追蹤 002譴責暴徒 003港版國安法 004北韓二當家 005黑海巡邏機 006競選戰火全開 007疫情病例 008實質

領袖遭起訴 009對民主的攻擊 010宣布天王年號 011申請無效審判 012增進抗疫能力 013前總統演說 014譴責暴動 015慶祝美國獨立 016危險的攔截 017受爭議的聽證會 018本土恐怖分子 019口罩配給 020審議後定罪 021魅力攻勢 022迅速抗疫措施 023選定競選搭檔 024廣泛的執法問題 025首相代理人 026直搗虎穴 027整體計畫措施 028武裝對峙 029競選廣告對比 030英國女王演講 031抗議癱瘓首都 032暴動的本質 033國慶演講 034責任授權 035突破國會廳 036大膽的選戰 037歐盟新刺激方案 038人民的心願 039選舉人團 040推動法案 041北韓測試新飛彈 042從政歷程 043特異言論風格 044失信選舉人 商業BUSINESS 045迪士尼轉向串流 046鄉民對抗華爾街 047無人機送貨 048機上飲食縮減 049違反反托拉斯法 050新的收益 051抵制用仇恨牟利 052直播電商 053執行長交棒 054波音747除役 055監控交易行為 056電影直接上串流 057物流運作步驟 058執行長辭職 059劇院紛紛熄燈 060商業上的阻礙 061經濟兩樣情 062南韓時尚品牌 063賣空者的標的 064互助的釀酒廠 065品牌的全新挑戰 066虛擬穿搭 067營收的打擊 068機師假證照 069跨足播客市場 070發展新風味 071支持環保製造商 072讓品牌與眾不同 073手作食品界 科技TECHNOLOGY 074疫苗的運作 075抗蛇毒的流程 076年齡與認知 077費解的病毒行為 078AI腦機介面 079汽車用晶片短缺 080武漢疫源調查 081毒素製藥 082抗體血漿療法 083電力賽車 084中斷病毒作用 085海藻製品 086認知損傷檢測 087智慧型口罩 088俄國疫苗 089溶解血栓的藥劑 090空中計程車 091SpaceX載人升空 092水底呼氣技術 093抗凝血劑的需求 094研究毒性 095光帆太空船 096海洋城概念 097機器狗復原力 098高速旅行的未來 自然NATURE 099東非蝗災 100海洋保育區 101疾病帶來創新 102金星發現生命跡象 103大火肆虐 104保育典範 105蝗災的形成 106甜甜圈狀銀河 107南極極速融冰 108野化工法 109難以捉摸的掠食者 110探測器探索太空 111破壞生態之因 112水中生活 113最老的陸龜 114亞馬遜巨魚 115月球上發現水 116追蹤大白鯊 117春天來臨 娛樂ENTERTAINMENT 118防彈少年團 119演戲技巧 120穆斯林盛事 121機上狹小空間 122藝術感店面 123極限電動車越野賽 124描述起司口味 125藝術合作 126福特野馬 127永遠的007 128重新點燃戰火 129馬斯克風格 130高級訂製時裝 131探索頻道節目 132賴瑞. 金的遺業 133羅浮宮大改造 134朝聖篩選 135傑出英雄電影 136反覆出現的元素 137改版的餐飲 138喬丹紀錄片 139哈利梅根受訪疑點 140藥檢未通過 141封城生活照 142重現經典電影 143開羅漫步 144模擬人群聲 145記錄歷史 146艾菲爾鐵塔 147惡名昭彰的進球 148蘇格蘭短裙 149特技表演 150處理難受的情緒

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