



[首頁](#) [人才檔案](#) [研究單位](#) [研究計畫](#) [研究成果](#) [資料集](#) [榮譽/獲獎](#)

[學術活動](#) ...

搜尋.....



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### h-index

4718

引文

36

h-指數



2000 ...

2026

每年研究成果

[👤 概覽](#)

[👁 指紋](#)

[🌐 網路](#)

[📁 研究計畫 \(28\)](#)

[📖 研究成果 \(128\)](#)

[☰ 資料集 \(17\)](#)

🎯 影響 (1)    👤 類似的個人檔案 (6)

## 📖 研究成果

每年研究成果



2000 ..... 2025

1個結果中的 - 50128

出版年份, 標題 (降序) >



2025

### Attentional dysfunction arises from right frontocentral and occipital network connectivity in Parkinson's disease

French, I. T., Chang, K. H., [Liang, W.-K.](#), Chang, W. S., Lo, Y. S., Wang, Y. R., Cheng, M. L., [Huang, N. E.](#), Wu, H. C., Lim, S. N., Chen, C. M. & [Juan, C.-H.](#), 3月 2025, 於: *NeuroImage: Reports*. 5, 1, 100241.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

🔓 開啟存取



Parkinson's Disease



Subcortical Circuits



Fronto-Subcortical



Healthy Normal



Theta-Gamma

### Long-Range Temporal Correlations in Electroencephalography for Parkinson's Disease Progression

Lee, C. H., [Juan, C. H.](#), Chen, H. H., Hong, J. P., Liao, T. W., French, I., Lo, Y. S., Wang, Y. R., Cheng, M. L., Wu, H. C., Chen, C. M. & Chang, K. H., 2月 2025, 於: *Movement Disorders*. 40, 2, p. 266-275 10 p.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審



Long-Range Temporal Correlations



Parkinson's Disease Progression



Parkinson's Disease



Unified Parkinson's Disease Rating Scale



Non-Motor Symptoms

### Oscillatory Transcranial Electrical Stimulation and the Amplitude-Modulated Frequency Dictate the Quantitative Features of Phosphenes

Hsu, C. Y., Liu, T. L. & [Juan, C. H.](#), 1月 2025, 於: *European Journal of Neuroscience*. 61, 1, e16658.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

🔓 開啟存取



Transcranial Direct Current Stimulation



Transcranial Alternating Current Stimulation



Amplitude M



Response Time



Alternating Polarity

## Potential Cognitive Decline Linked to Electronegative L5 in Type 2 Diabetes: A Holo-Hilbert Spectral Analysis

Chou, P. S., Lee, M. Y., Chang, W. S., Chou, M. C., Hsu, C. Y., Liou, L. M., Juan, C. H. & Lai, C. L., 1 2月 2025, 於: *Neuroendocrinology*. 114, 12, p. 1124-1138 15 p.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

☒ Diabetes Mellitus

☒ Cognitive Function

☒ Low-Density Lipoprotein

☒ Mild Cognitive Impairment

☒ Alzheimer's Disease

2024

## Association between physical activity, body composition, and cognitive performance among female office workers

Chen, Y. L., Chang, C. C., Lin, M. P., Lin, C. C., Chen, P. Y. & Juan, C. H., 1月 2024, *Enhancement of Brain Functions Prompted by Physical Activity Vol 2*. Juan, C.-H., Wang, C.-H. & Kao, S.-C. (編輯). Elsevier B.V., p. 67-87 21 p. (Progress in Brain Research; 卷 286).

研究成果: 書貢獻/報告類型 > 篇章 > 同行評審

☒ Cognitive Performance

☒ Physical Activity

☒ Female Office Workers

☒ Body Composition

☒ Middle-Aged Women

## Improving social cognition following theta burst stimulation over the right inferior frontal gyrus in autism spectrum: An 8-week double-blind sham-controlled trial

Ni, H. C., Chen, Y. L., Hsieh, M. Y., Wu, C. T., Chen, R. S., Juan, C. H., Li, C. T., Gau, S. S. F. & Lin, H. Y., 2024, (已被接受) 於: *Psychological Medicine*.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

☒ Intermittent Theta Burst Stimulation (ITBS)

☒ Right Inferior Frontal Gyrus (RIFG)

☒ Social Cognition

☒ Sham-Controlled Trial

☒ Autism Spectrum

## Post-stroke upper limb recovery is correlated with dynamic resting-state network connectivity

Tang, C. W., Zich, C., Quinn, A. J., Woolrich, M. W., Hsu, S. P., Juan, C. H., Lee, I. H. & Stagg, C. J., 2024, 於: *Brain Communications*. 6, 1, fcae011.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

開啟存取

☒ Post-Stroke

☒ Sensorimotor System

☒ Network Connectivity

☒ Resting-State Functional Connectivity (Rs-FC)

☒ Upper Limb Recovery

## Predicting sports performance of elite female football players through smart wearable measurement platform

Chang, C. K., Chen, Y. L. & Juan, C. H., 1月 2024, *Enhancement of Brain Functions Prompted by Physical Activity Vol 2*. Juan, C.-H., Wang, C.-H. & Kao, S.-C. (編輯). Elsevier B.V., p. 1-31 31 p. (Progress in Brain Research; 卷 286).

研究成果: 書貢獻/報告類型 › 篇章 › 同行評審



Smart Wearables



Measurement Platform



Sports Performance



Female Players



Wearable Measurement

## Preface: Maximizing cognitive benefits through physical activity-II

Juan, C. H., Wang, C. H. & Kao, S. C., 1月 2024, *Enhancement of Brain Functions Prompted by Physical Activity Vol 2*. Juan, C.-H., Wang, C.-H. & Kao, S.-C. (編輯). Elsevier B.V., p. xiii-xviii (Progress in Brain Research; 卷 286).

研究成果: 書貢獻/報告類型 › 前言/後記

### Preface

Juan, C. H., Wang, C. H. & Kao, S. C., 1月 2024, *Enhancement of Brain Functions Prompted by Physical Activity Vol 1*. Juan, C.-H., Wang, C.-H. & Kao, S.-C. (編輯). Elsevier B.V., p. xiii-xvii (Progress in Brain Research; 卷 283).

研究成果: 書貢獻/報告類型 › 前言/後記

## Spatial prediction modulates the rhythm of attentional sampling

Huang, Y. N., Liang, W. K. & Juan, C. H., 19月 2024, 於: *Cerebral Cortex*. 34, 9, bhae392.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審



Spatial Prediction



Attentional Sampling



Neural Oscillation



Frontal Theta



Electroencephalography

## 2023

## A holo-spectral EEG analysis provides an early detection of cognitive decline and predicts the progression to Alzheimer's disease

Chu, K. T., Lei, W. C., Wu, M. H., Fuh, J. L., Wang, S. J., French, I. T., Chang, W. S., Chang, C. F., Huang, N. E., Liang, W. K. & Juan, C. H., 2023, 於: *Frontiers in Aging Neuroscience*. 15, 1195424.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

開啟存取



Holo



Alzheimer's Disease



Mild Cognitive Impairment



Early Detection Of Cognitive Decline



EEG Spectral Analysis

## Amplitude modulating frequency overrides carrier frequency in tACS-induced phosphene percept

Hsu, C. Y., Liu, T. L., Lee, D. H., Yeh, D. R., Chen, Y. H., Liang, W. K. & Juan, C. H., 15 2月 2023, 於: Human Brain Mapping. 44, 3, p. 914-926 13 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☒ Modulation Frequency

☒ Transcranial Alternating Current Stimulation (TACS)

☒ Carrier Frequency

☒ Phosphenes

☒ Transcranial Alternating Current Stimulation

## A review of critical brain oscillations in depression and the efficacy of transcranial magnetic stimulation treatment

Tsai, Y. C., Li, C. T. & Juan, C. H., 2023, 於: Frontiers in Psychiatry. 14, 1073984.

研究成果: 雜誌貢獻 › 回顧評介論文 › 同行評審

 開啟存取

☒ Transcranial Magnetic Stimulation

☒ Brain Oscillations

☒ Stimulation Treatment

☒ Neural Oscillation

☒ Repetitive Transcranial Magnetic Stimulation (RTMS)

## Predicting Adverse Recanalization Therapy Outcomes in Acute Ischemic Stroke Patients Using Characteristic Gut Microbiota

Chou, P. S., Hung, W. C., Yang, I. H., Kuo, C. M., Wu, M. N., Lin, T. C., Fong, Y. O., Juan, C. H. & Lai, C. L., 8 月 2023, 於: Microorganisms. 11, 8, 2016.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☒ Acute Ischemic Stroke Patients

☒ Recanalization Therapy

☒ Gut Microbiota

☒ Therapy Outcome

☒ Brain Ischemia

## Resting State Dynamics in People with Varying Degrees of Anxiety and Mindfulness: A Nonlinear and Nonstationary Perspective

Jaiswal, S., Huang, S. L., Juan, C. H., Huang, N. E. & Liang, W. K., 21 5月 2023, 於: Neuroscience. 519, p. 177-197 21 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

☒ Resting State

☒ State Dynamics

☒ Mindfulness

☒ Resting-State

☐ High Anxiety

## The Association between Electronegative Low-Density Lipoprotein Cholesterol L5 and Cognitive Functions in Patients with Mild Cognitive Impairment

Chou, P. S., Chen, S. C. J., Hsu, C. Y., Liou, L. M., [Juan, C. H.](#) & Lai, C. L., 2月 2023, 於: Journal of Personalized Medicine. 13, 2, 192.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Cognitive Function ☐ Mild Cognitive Impairment ☐ Electronegative Low-Density Lipoprotein  
☐ Low-Density Lipoprotein Cholesterol (LDL-C) ☐ Low Density Lipoprotein Cholesterol

## The association between working memory precision and the nonlinear dynamics of frontal and parieto-occipital EEG activity

Chang, W. S., [Liang, W. K.](#), Li, D. H., [Muggleton, N. G.](#), Balachandran, P., [Huang, N. E.](#) & [Juan, C. H.](#), 12月 2023, 於: Scientific Reports. 13, 1, 14252.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Amplitude Modulation ☐ Nonlinear Dynamics ☐ EEG Activity ☐ Parieto-Occipital  
☐ Working Memory Precision

## The Prognostic Biomarkers of Plasma Trimethylamine N-Oxide and Short-Chain Fatty Acids for Recanalization Therapy in Acute Ischemic Stroke

Chou, P. S., Yang, I. H., Kuo, C. M., Wu, M. N., Lin, T. C., Fong, Y. O., [Juan, C. H.](#) & Lai, C. L., 7月 2023, 於: International Journal of Molecular Sciences. 24, 13, 10796.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Short-Chain Fatty Acids ☐ Recanalization Therapy ☐ Acute Ischemic Stroke ☐ Prognostic Biomarker  
☐ Trimethylamine N-Oxide

## The role of carrier spectral composition in the perception of musical pitch

Kuo, C. Y., Liu, J. W., Wang, C. H., [Juan, C. H.](#) & [Hsieh, I. H.](#), 8月 2023, 於: Attention, Perception, and Psychophysics. 85, 6, p. 2083-2099 17 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

☐ Musical Pitch ☐ Temporal Envelope ☐ Spectral Composition ☐ Temporal ☐ Spectral

2022

## A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES checklist): a consensus study and statement

Ekhtiari, H., Ghobadi-Azbari, P., Thielscher, A., Antal, A., Li, L. M., Shereen, A. D., Cabral-Calderin, Y., Keeser, D., Bergmann, T. O., Jamil, A., Violante, I. R., Almeida, J., Meinzer, M., Siebner, H. R., Woods, A. J., Stagg, C. J., Abend, R., Antonenko, D., Auer, T. & Bächinger, M. 及其他55, , 3月 2022, 於: Nature Protocols. 17, 3, p. 596-617 22 p.

研究成果: 雜誌貢獻 › 回顧評介論文 › 同行評審

開啟存取

☐ Functional Magnetic Resonance Imaging

☐ Transcranial Alternating Current Stimulation (TACS)

☐ MRI Study

☐ Consensus Statement

☐ Methodological Quality

## Cortical excitatory and inhibitory correlates of the fronto-limbic circuit in major depression and differential effects of left frontal brain stimulation in a randomized sham-controlled trial

Li, C. T., Juan, C. H., Lin, H. C., Cheng, C. M., Wu, H. T., Yang, B. H., Tsai, S. J., Su, T. P. & Fitzgerald, P. B., 15 8月 2022, 於: Journal of Affective Disorders. 311, p. 364-370 7 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

☐ Major Depressive Disorder

☐ Brain Stimulation

☐ Depression Effect

☐ Left Dorsolateral Prefrontal Cortex

☐ Differential Effects

## Critical role of rhythms in prefrontal transcranial magnetic stimulation for depression: A randomized sham-controlled study

Tsai, Y. C., Li, C. T., Liang, W. K., Muggleton, N. G., Tsai, C. C., Huang, N. E. & Juan, C. H., 14月 2022, 於: Human Brain Mapping. 43, 5, p. 1535-1547 13 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

開啟存取

☐ Transcranial Magnetic Stimulation

☐ Sham Control

☐ Intermittent Theta Burst Stimulation (ITBS)

☐ Rhythm

☐ Resting-State

## Evaluating the Different Stages of Parkinson's Disease Using Electroencephalography With Holo-Hilbert Spectral Analysis

Chang, K. H., French, I. T., Liang, W. K., Lo, Y. S., Wang, Y. R., Cheng, M. L., Huang, N. E., Wu, H. C., Lim, S. N., Chen, C. M. & Juan, C. H., 10 5月 2022, 於: Frontiers in Aging Neuroscience. 14, 832637.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

開啟存取

☐ Electroencephalography

☐ Parkinson's Disease

☐ Holo-Hilbert Spectral Analysis

☐ Parkinson Patients

☐ Brain Region

## Predictive roles of brain-derived neurotrophic factor Val66Met polymorphism on antidepressant efficacy of different forms of prefrontal brain stimulation monotherapy: A randomized, double-blind, sham-controlled study

Cheng, C. M., Hong, C. J., Lin, H. C., Chu, P. J., Chen, M. H., Tu, P. C., Bai, Y. M., Chang, W. H., Juan, C. H., Lin, W. C., Tsai, S. J., Su, T. P. & Li, C. T., 15 1月 2022, 於: Journal of Affective Disorders. 297, p. 353-359 7 p.  
研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

☒ Monotherapy ☒ Sham Control ☒ Antidepressant Efficacy ☒ Intermittent Theta Burst Stimulation (ITBS)  
☒ Brain Stimulation

## Safety of transcranial magnetic stimulation in unipolar depression: A systematic review and meta-analysis of randomized-controlled trials

Wang, W. L., Wang, S. Y., Hung, H. Y., Chen, M. H., Juan, C. H. & Li, C. T., 15 3月 2022, 於: Journal of Affective Disorders. 301, p. 400-425 26 p.  
研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

☒ Transcranial Magnetic Stimulation ☒ Meta-Analysis Of Randomized Controlled Trials  
☒ Systematic Meta-Analysis ☒ Unipolar Depression ☒ Meta Analysis

## Time-frequency analysis of pupil size modulated by global luminance, arousal, and saccade preparation signals using Hilbert-Huang transform

Nguyen, K. T., Liang, W. K., Juan, C. H. & Wang, C. A., 6月 2022, 於: International Journal of Psychophysiology. 176, p. 89-99 11 p.  
研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

☒ Time-Frequency Analysis ☒ Hilbert-Huang Transform ☒ Pupil Size ☒ Arousal ☒ Saccade Preparation

## 2021

### Article dynamical eeg indices of progressive motor inhibition and error-monitoring

Van Nguyen, T., Balachandran, P., Muggleton, N. G., Liang, W. K. & Juan, C. H., 2021, 於: Brain Sciences. 11, 4, 478.  
研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

 開啟存取

☒ Motor Inhibition ☒ Motor Error ☒ Error Monitoring ☒ Monitoring Error ☒ Inhibitory Control

## Efficacy and tolerability of theta-burst stimulation for major depression: A systematic review and meta-analysis

Chu, H. T., Cheng, C. M., Liang, C. S., Chang, W. H., Juan, C. H., Huang, Y. Z., Jeng, J. S., Bai, Y. M., Chen, M. H. & Li, C. T., 2 3月 2021, 於: Progress in Neuro-Psychopharmacology and Biological Psychiatry.



106, 110168.

研究成果: 雜誌貢獻 › 回顧評介論文 › 同行評審

☐ Major Depressive Disorder☐ Intermittent Theta Burst Stimulation (ITBS)☐ Meta-Analysis☐ Systematic Meta-Analysis☐ Tolerability

## Frontoparietal Beta Amplitude Modulation and its Interareal Cross-frequency Coupling in Visual Working Memory

Liang, W. K., Tseng, P., Yeh, J. R., Huang, N. E. & Juan, C. H., 15 4月 2021, 於: Neuroscience. 460, p. 69-87 19 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

☐ Amplitude Modulation☐ Visual Working Memory☐ Cross-Frequency Coupling☐ Frontoparietal☐ Working Memory

## Linking Pupil Size Modulated by Global Luminance and Motor Preparation to Saccade Behavior

Wang, C. A., Nguyen, K. T. & Juan, C. H., 10 11月 2021, 於: Neuroscience. 476, p. 90-101 12 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

☐ Saccades☐ Pupil Size☐ Motor Preparation☐ Behavior (Neuroscience)☐ Saccade

## Revealing the Dynamic Nature of Amplitude Modulated Neural Entrainment With Holo-Hilbert Spectral Analysis

Juan, C. H., Nguyen, K. T., Liang, W. K., Quinn, A. J., Chen, Y. H., Muggleton, N. G., Yeh, J. R., Woolrich, M. W., Nobre, A. C. & Huang, N. E., 5 8月 2021, 於: Frontiers in Neuroscience. 15, 673369.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取☐ Holo-Hilbert Spectral Analysis☐ Amplitude Modulated☐ Dynamic Nature☐ Cross-Frequency Coupling☐ Neural Entrainment

## Task-Modulated Brain Activity Predicts Antidepressant Responses of Prefrontal Repetitive Transcranial Magnetic Stimulation: A Randomized Sham-Control Study

Li, C. T., Cheng, C. M., Juan, C. H., Tsai, Y. C., Chen, M. H., Bai, Y. M., Tsai, S. J. & Su, T. P., 2021, 於: Chronic Stress. 5

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取☐ Repetitive Transcranial Magnetic Stimulation (RTMS)☐ Sham Control☐ Antidepressants☐ Brain A☐ Antidepressant

## To Go or Not to Go: Degrees of Dynamic Inhibitory Control Revealed by the Function of Grip Force and Early Electrophysiological Indices

Nguyen, T. V., Hsu, C. Y., Jaiswal, S., Muggleton, N. G., Liang, W. K. & Juan, C. H., 28 1月 2021, 於: *Frontiers in Human Neuroscience*. 15, 614978.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

 開啟存取

 Inhibitory Control

 Motor Inhibition

 Grip Force

 Contingent Negative Variation


 Motor Cortex


## Within-cycle instantaneous frequency profiles report oscillatory waveform Dynamics


Quinn, A. J., Lopes-Dos-Santos, V., Huang, N., Liang, W. K., Juan, C. H., Yeh, J. R., Nobre, A. C., Dupret, D. & Woolrich, M. W., 10月 2021, 於: *Journal of Neurophysiology*. 126, 4, p. 1190-1208 19 p.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

 開啟存取

 Instantaneous Frequency

 Frequency Profile

 Oscillatory Waveform

 Brain Network


 Information Processing


## 2020

## Antidepressant Efficacy of Prolonged Intermittent Theta Burst Stimulation Monotherapy for Recurrent Depression and Comparison of Methods for Coil Positioning: A Randomized, Double-Blind, Sham-Controlled Study


Li, C. T., Cheng, C. M., Chen, M. H., Juan, C. H., Tu, P. C., Bai, Y. M., Jeng, J. S., Lin, W. C., Tsai, S. J. & Su, T. P., 1 3月 2020, 於: *Biological Psychiatry*. 87, 5, p. 443-450 8 p.


研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

 Monotherapy

 Sham Control

 Antidepressant Efficacy

 Intermittent Theta Burst Stimulation (ITBS)

 Randomized Double-Blind


## Early transcranial direct current stimulation treatment exerts neuroprotective effects on 6-OHDA-induced Parkinsonism in rats


Feng, X. J., Huang, Y. T., Huang, Y. Z., Kuo, C. W., Peng, C. W., Rotenberg, A., Juan, C. H., Pei, Y. C., Chen, Y. H., Chen, K. Y., Chiang, Y. H., Liu, H. H., Wu, J. X. & Hsieh, T. H., 1 5月 2020, 於: *Brain Stimulation*. 13, 3, p. 655-663 9 p.

研究成果: 雜誌貢獻 > 期刊論文 > 同行評審

 Transcranial Direct-Current Stimulation (TDCS)

 Stimulation Treatment

 Neuroprotective Effect

 6-Hydroxydopamine (6-OHDA)

 Parkinsonism

## Exploring the impact of a brief mindfulness induction on motor inhibitory control

Jaiswal, S., Tsai, S. Y., Juan, C. H., Liang, W. K. & Muggleton, N. G., 3 8月 2020, 於: Experimental Results. 1, e24.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

開啟存取

☒ Motor Inhibition

☒ Mindfulness Induction

☒ Brief Mindfulness

☒ Inhibitory Control

☒ Mindfulness

## Neurophysiological signatures of hand motor response to dual-transcranial direct current stimulation in subacute stroke: A TMS and MEG study

Kuo, I. J., Kuo, I. J., Tang, C. W., Tang, C. W., Tsai, Y. A., Tang, S. C., Lin, C. J., Lin, C. J., Hsu, S. P., Liang, W. K., Juan, C. H., Zich, C., Zich, C., Zich, C., Stagg, C. J., Stagg, C. J., Stagg, C. J., Lee, I. H. & Lee, I. H., 11 6月 2020, 於: Journal of NeuroEngineering and Rehabilitation. 17, 1, 72.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

開啟存取

☒ Transcranial Magnetic Stimulation

☒ Magnetoencephalography

☒ Motor Response

☒ Transcranial Direct-Current Stimulation (TDCS)

☒ Subacute Stroke

2019

## Human visual steady-state responses to amplitude-modulated flicker: Latency measurement

Nguyen, K. T., Liang, W. K., Muggleton, N. G., Huang, N. E. & Juan, C. H., 2019, 於: Journal of Vision. 19, 14, p. 1-17 17 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

開啟存取

☒ Amplitude Modulated

☒ Human Visual

☒ Visual Steady State Response

☒ Latency Measurement

☒ Response Latency

## Indices of association between anxiety and mindfulness: A guide for future mindfulness studies

Jaiswal, S., Muggleton, N. G., Juan, C. H. & Liang, W. K., 2019, 於: Personality Neuroscience. 2, e9.

研究成果: 雜誌貢獻 › 回顧評介論文 › 同行評審

開啟存取

☒ Mindfulness

☒ Association Index

☒ HPA Axis

☒ Biological Studies

☒ Mediation Model

## Low delta and high alpha power are associated with better conflict control and world memory in high mindfulness, low anxiety individuals

Jaiswal, S., Tsai, S. Y., Juan, C. H., Muggleton, N. G. & Liang, W. K., 6月 2019, 於: Social Cognitive and Affective Neuroscience. 14, 6, p. 645-655 11 p.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Working Memory

☐ Alpha Power

☐ Mindfulness

☐ Conflict Control

☐ High-Alpha

## Neuromodulatory Effects of Transcranial Direct Current Stimulation on Motor Excitability in Rats

Liu, H. H., He, X. K., Chen, H. Y., Peng, C. W., Rotenberg, A., Juan, C. H., Pei, Y. C., Liu, H. L., Chiang, Y. H., Wang, J. Y., Feng, X. J., Huang, Y. Z. & Hsieh, T. H., 2019, 於: Neural Plasticity. 2019, 4252943.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Transcranial Direct-Current Stimulation (TDCS)

☐ Neuromodulatory Effect

☐ Motor Cortex Excitability

☐ Transcranial Direct Current Stimulation

☐ Excitability

## Perspective-taking across cultures: Shared biases in Taiwanese and British adults

Wang, J. J., Tseng, P., Juan, C. H., Frisson, S. & Apperly, I. A., 1 11月 2019, 於: Royal Society Open Science. 6, 11, 190540.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Taiwanese

☐ Across Cultures

☐ Perspective Taking

☐ Interdependent Culture

☐ Indirect Evidence

## Revealing the electrophysiological correlates of working memory-load effects in symmetry span task with HHT method

Juan, C. H., Liang, W. K., Chuang, K. Y., Chen, Y. H. & Balachandran, P., 2019, 於: Frontiers in Psychology. 10, APR, 855.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Hilbert-Huang Transform

☐ Transform Method

☐ Electrophysiological Correlates

☐ Working Memory Load

☐ Complex Span Task

## Unraveling nonlinear electrophysiologic processes in the human visual system with full dimension spectral analysis

Nguyen, K. T., Liang, W. K., Lee, V., Chang, W. S., Muggleton, N. G., Yeh, J. R., Huang, N. E. & Juan, C. H., 1 12月 2019, 於: Scientific Reports. 9, 1, 16919.

研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Spectral Analysis☐ Electroencephalography☐ Amplitude Modulation☐ Carrier Frequency☐ Human Visual System

## 2018

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### Anodal and cathodal tDCS over the right frontal eye fields impacts spatial probability processing differently in pro- and anti-saccades

Tseng, P., Wang, M. C., Lo, Y. H. & Juan, C. H., 27 6月 2018, 於: *Frontiers in Neuroscience*. 12, JUN, 421.  
研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Frontal Eye Field☐ Antisaccade☐ Spatial Probability☐ Prosaccade☐ Cathodal TDCS

### Better cognitive performance is associated with the combination of high trait mindfulness and low trait anxiety

Jaiswal, S., Tsai, S. Y., Juan, C. H., Liang, W. K. & Muggleton, N. G., 3 5月 2018, 於: *Frontiers in Psychology*. 9, MAY, 627.  
研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

 開啟存取

☐ Cognitive Performance☐ Trait Anxiety☐ Trait Mindfulness☐ Mindfulness☐ High Anxiety

### Corrigendum: Better cognitive performance is associated with the combination of high trait mindfulness and low trait anxiety [Front. Psychol., 9, (2018) (627)] DOI: 10.3389/fpsyg.2018.00627

Jaiswal, S., Tsai, S. Y., Juan, C. H., Liang, W. K. & Muggleton, N. G., 26 6月 2018, 於: *Frontiers in Psychology*. 9, JUN, 1105.  
研究成果: 雜誌貢獻 › 評論/辯論

 開啟存取

☐ Cognitive Performance☐ Trait Anxiety☐ Trait Mindfulness☐ Calculator☐ 4 Iodo 2,5 Dimethoxyamphetamine

### Effects of prefrontal theta-burst stimulation on brain function in treatment-resistant depression: A randomized sham-controlled neuroimaging study

Li, C. T., Chen, M. H., Juan, C. H., Liu, R. S., Lin, W. C., Bai, Y. M. & Su, T. P., 1 9月 2018, 於: *Brain Stimulation*. 11, 5, p. 1054-1062 9 p.  
研究成果: 雜誌貢獻 › 期刊論文 › 同行評審

[Sham Control](#)[Intermittent Theta Burst Stimulation \(ITBS\)](#)[Neuroimaging Studies](#)[Brain Function](#)[Treatment-Resistant Depression](#)[1](#) [2](#) [3](#)[下一頁 >](#)

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