



## Research articles

### [A simple dynamic model that can account for regulation of neuronal polarity](#)

J.E. Lugo, S. Mejia-Romero, R. Dotia, K. Rayb, S.L.

Kotharic, G. S. Withersd, and J. Fauberta

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Quantum biological electromagnetic pilot mechanism included in a polaritonic approach to self-organized criticality in the emergence of a unified mental state](#)

Poznanski et al

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Resolution of Brain-Based Consciousness as a Quantum Information Field](#)

Mustafa Erol

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [A new closed-loop strategy for detection and modulation of epileptiform spikes based on cross approximate entropy](#)

Xian Liu, Chunyu Zhao, Chengxia Sun, Zhanming Chen,

Tasawar Hayat, Ahmed Alsaedi

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Anxiety and depression in Chiari Malformation](#)

Esther Lázaro, Maitane García, Imanol Amayra,

Juan-Francisco López-Paz, Oscar Martínez, Manuel Pérez,

Sarah Berrocoso, Mohammad Al Rashaida,

Paula Fernández, Alicia Rodríguez, Amaia Jometón, and

Begoña Ruiz

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Eye-movement behaviour identification for Alzheimer's disease diagnosis](#)

Juan Biondi, Gerardo Fernandez, Silvia Castro,

Oswaldo Agamennoni

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Theoretical predication of temperature effects on adaptive processes in simulated amyotrophic lateral sclerosis at 20 °C–42°C](#)

D. I. Stephanova and A. Kossev

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Variability in anterior insula grey matter volume correlates with awareness for peri threshold backward-masked fearful faces](#)

Torrence, R. D, Davis, J. E., Troup, L. J. and Carlson, J. M.

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Neural activation patterns and connectivity in visual attention during Number and Non-number processing: An ERP study using the Ishihara pseudoisochromatic plates](#)

Faraj Al-Marri, Faruque Reza, Tahamina Begum, Wan

Hazabbah Wan Hitam, Goh Khean Jin and Jing Xiang

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Application of Cascading Failure Model in Brain's Functional Network of Epilepsy with Generalized Tonic-clonic Seizure \(GTCS\)](#)

Ming Ke, Li Cao, Guangyao Liu

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [Abnormal P50 Sensory Gating in Schizophrenia: A Permutation Fuzzy Entropy Analysis](#)

Wei Zhang, Shuze Liu, Jie Xiang, Jin Li and Aichun Qiao

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### [An ERP study on the effect of odor exposure time on olfactory cognitive processing](#)

Bang-bei TANG, Xin Wei, Gangd GUO, Feng Yu, Ming Ji,

Haiyang Lang, Junye Liu

J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### MEG recordings of patients with cerebral palsy before and after pico-Tesla transcranial magnetic stimulation

P. Anninos , A. Kotini , A. Adamopoulos , N. Tsagas  
J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### Association between CD33 rs3865444 polymorphism and ABCA7 rs 3764650 polymorphisms and susceptibility to Alzheimer's disease

Jing Wang, Xiangyi Kong, Lele Cong, Zhongxin Xu, Jianshi Du, Yanan Xu, Qing Zhao  
J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### Magnetic Resonance Imaging Study of Gray Matter Based on XGBoost in Schizophrenia

WANG Yu, ZHANG Na, YAN Fengxia, GAO Yanping  
J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### Onboard preprogram control of robo-pigeon flight outdoors

Hao Wang, Junjie Li, Lei Cai, Ce Wang and Aiju Shi  
J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

### Anti-electromagnetic interference of deep adaptive spiking neural networks

Lei Guo, Hongyi Shi, Yunge Chen, Hongli Yu  
J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

#### Review

### Comparison of functional connectivity metrics using an unsupervised approach: a source resting-state EEG study

M. Fraschini, M. Lai and L. Didaci  
J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press

#### Case report

### Magnetoencephalography and normal pressure hydrocephalus: A case report

A. Kotini, T. Birbilis, P. Anninos, I. Seimenis  
J. Integr. Neurosci. July 2018, Vol. pre-press, No. pre-press