

## Ieee Transactions On Biomedical Engineering Vol 58 No

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### **Ieee Transactions On Biomedical Engineering**

The intracortical wireless BCI with an external wireless transmitter is capable of transmitting brain signals at single-neuron resolution and in full broadband fidelity without physically tethering ...

### **Video: First wireless BCI demonstrated**

Trial participants with paralysis used the system to control a tablet computer, the journal IEEE Transactions on Biomedical Engineering reports. The participants were able to achieve similar typing ...

## **Scientists connect human brain to computer wirelessly for first time ever**

For a study published in IEEE Transactions on Biomedical Engineering, two clinical trial participants with paralysis used the BrainGate system with a wireless transmitter to point, click and type ...

## **BrainGate: First human use of high-bandwidth wireless brain-computer interface**

That is among the findings of a study published in the journal IEEE Transactions on Biomedical Engineering in August. The study was led by University at Buffalo researchers in collaboration with ...

## **Portable photoacoustic breast imaging system shows promise during initial lab tests**

Biography Cheng-Hung Lin (Member, IEEE) received the Ph.D. degree from the Graduate Institute of Electronics Engineering, National Taiwan University, Taipei, Taiwan, in 2009. In A ...

## **Cheng-Hung Lin**

the IEEE Transactions on Biomedical Engineering, the IEEE Transactions on Information Technology in Biomedicine, the IEEE Press series, and the Annual Reviews of Biomedical Engineering.

## **Yongmin Kim**

Behavioral informatics and computational modeling in support of proactive health management and care. IEEE Transactions on Biomedical Engineering, 62, 2763–2775. doi: 10.1109/TBME.2015.2484286, PMID: ...

## **Boston Roybal Center for Active Lifestyle Interventions**

Their findings were published in the journal IEEE Transactions on Biomedical Engineering. The study involved a clinical trial of two participants with tetraplegia, which is the paralysis of all ...

### **Device Lets Paralyzed People Wirelessly Control Computers With Their Brain For The First Time**

A paper describing the research was published in the journal IEEE Transactions on Biomedical Engineering.

### **Groundbreaking implant wirelessly relays brain signals in high fidelity**

The researchers described their work in a recent paper published in the journal IEEE Transactions in Biomedical Engineering. BCIs interact with brain cells, recording the electrical activity of ...

### **High-bandwidth wireless BCI demonstrated in humans for first time**

You can read the study paper in the journal IEEE Transactions on Biomedical Engineering. Greetings Humanoids! Did you know we have a newsletter all about AI? You can subscribe to it right here.

### **A wireless brain-computer interface has been successfully tested on humans for the first time**

A team of engineering researchers at the Georgia Institute of Technology hopes to uncover new ways to diagnose and treat brain ailments, from tumors and stroke to Parkinson's disease, leveraging ...

### **The science of sound, vibration to better diagnose, treat brain diseases**

Hengyong Yu, Xuanqin Mou and Ping Wang; The design & implementation of data transmittal scheme based on Winsock; Application Research of Computers, 16(J.1):24~26, 1999. (In Chinese) Ping Wang, ...

### **Peer Review Journal Papers**

Dr. Zhang is also a frequent reviewer for prestigious journals including IEEE Transactions on Knowledge and Data Engineering, Knowledge-based ... video, and text), biomedical computing, computer ...

## **Chengcui Zhang**

Trial participants with paralysis used the system to control a tablet computer, the journal IEEE Transactions on Biomedical Engineering reports. The participants were able to achieve similar ...

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