**Topics**

Updating Medical Applications of Artificial Intelligence

- **Medical Application of Artificial Intelligence/Deep Learning**
  Jun Miyake, et al.

- **Artificial Intelligence in Psychiatry**
  Akihiro Takamiya, et al.

- **Artificial Intelligence for Cancer Genomic Medicine: Understanding Cancer is Beyond Human Ability**
  Satoru Miyano

- **Medical Natural Language Processing for Japanese Language**
  Yoshinobu Kano

- **Deep Learning and Natural Language Processing**
  Yoshimasa Tsuruoka

**Review**

- **Progress on the Pathophysiology of Idiopathic Basal Ganglia Calcification**
  Isao Hozumi

**Original Article**

- **Health-related Quality of Life in Patients with Mild-to-moderate Alzheimer’s Disease: A Study Using the Five-level Version of European Quality of Life-5 Dimensions (EQ-5D-5L)**
  Kazuko Tamura, et al.

**Case Report**

- **An Autopsy Case of Amirotrophic Lateral Sclerosis Characterized by Upper Motor Neuron Degeneration and Progressive Pseudobulbar Palsy**
  Raita Kikuchi, et al.