

[SITE TOP](#)

[Login](#)

Site License **A B C D**

> [Login](#)

[Forgotten your password?](#)

[Menu](#)

[Search](#)

[Latest Issue](#)

[A Fundamentals](#)

[B Communications](#)

[C Electronics](#)

[D Information & Systems](#)

[Abstracts of JPN Edition](#)

[Archive](#)

[Volume List](#)

[Volume List \[JPN Edition\]](#)

[Editorial Board](#)

[Editorial Board](#)

[Editorial Board\[JPN Edition\]](#)

[Open Access Papers](#)

[Trans. Commun. \(Free\)](#)

[Trans. Electron. \(Free\)](#)

[Trans. Inf.&Syst. \(Free\)](#)

[Link](#)

[Subscription](#)

[For Authors](#)

[Article Search\(I-Scover\)](#)

[Statistics:Accepting ratereview period etc.](#)

[IEICE Home Page](#)

[Others](#)

[Citation Index](#)

[Privacy Policy](#)

[Copyright & Permissions](#)

Copyright (c) by IEICE

Trans.Inf. & Syst.

2016-05 PDF Top 10 downloads

1. [48 download]

VolE99-D Nb.4 pp.787-795

INVITED PAPER **Open Access Paper**

Cyber Physical Security for Industrial Control Systems and IoT

Kazukuni KOBARA,

[Summary](#) | [FreeFull TextPDF\(1.4MB\)](#)

2. [34 download]

VolE97-D Nb.10 pp.2568-2575

INVITED PAPER **Open Access Paper**

Internet of Things (IoT): Present State and Future Prospects

Yuichi KAWAMOTO, Hiroki NISHIYAMA, Nei KATO, Naoko YOSHIMURA, Shinichi YAMAMOTO,

[Summary](#) | [FreeFull TextPDF\(1018.8KB\)](#)

3. [28 download]

VolE99-D Nb.1 pp.2-9

INVITED PAPER **Open Access Paper**

Ontology Based Framework for Interactive Self-Assessment of e-Health Applications

Wasin PASSORNPAKORN, Sinchai KAMOLPHWONG,

[Summary](#) | [FreeFull TextPDF\(773.7KB\)](#)

4. [20 download]

VolE99-D Nb.1 pp.41-49

INVITED PAPER **Open Access Paper**

Enhancing Stereo Signals with High-Order Ambisonics Spatial Information

Jorge TREVIÑO, Shuichi SAKAMOTO, Junfeng LI, Yōiti SUZUKI,

[Summary](#) | [FreeFull TextPDF\(1MB\)](#)

5. [19 download]

VolE96-D Nb.4 pp.798-807

PAPER Medical Image Processing **Open Access Paper**

Segmentation of Liver in Low-Contrast Images Using K-Means Clustering and

Geodesic Active Contour Algorithms

Amir H. FORUZAN, Yen-Wei CHEN, Reza A. ZORROFI, Akira FURUKAWA, Yoshinobu SATO, Masatoshi

HORI, Noriyuki TOMIYAMA,

[Summary](#) | [FreeFull TextPDF\(3.9MB\)](#)

6. [15 download]

VolE99-D Nb.4 pp.785-786

FOREWORD **Open Access Paper**

FOREWORD

Toshihiro YAMAUCHI,

[Summary](#) | [FreeFull TextPDF\(75.4KB\)](#)

6. [15 download]

VolE96-D Nb.4 pp.784-797

SURVEY PAPER Computer Assisted Medical Intervention **Open Access Paper**

A Survey on Statistical Modeling and Machine Learning Approaches to Computer

Assisted Medical Intervention: Intraoperative Anatomy Modeling and Optimization of

Interventional Procedures

Ken'ichi MOROOKA, Masahiko NAKAMOTO, Yoshinobu SATO,

[Summary](#) | [FreeFull TextPDF\(3.8MB\)](#)

6. [15 download]

VolE94-D Nb.11 pp.2087-2094

INVITED PAPER **Open Access Paper**

Cryptanalysis for RC4 and Breaking WEP/WPA-TKIP

Masakatu MORI, Yosuke TODO,

[Summary](#) | [FreeFull TextPDF\(806.4KB\)](#)

9. [14 download]

VolE96-D Nb.3 pp.562-578

INVITED SURVEY PAPER **Open Access Paper**

Computational Models of Human Visual Attention and Their Implementations: A

Survey

Akisato KIMURA, Ryo YONETANI, Takatsugu HIRAYAMA,

[Summary](#) | [FreeFull TextPDF\(3MB\)](#)

10. [13 download]

VolE99-D Nb.5 pp.1275-1284

PAPER Computer System

Layout-Conscious Expandable Topology for Low-Degree Interconnection Networks

Thao-Nguyen TRUONG, Khanh-Van NGUYEN, Ikki FUJIMURA, Michhiro KOIBUCHI,

[Summary](#) | [Full TextPDF\(1.3MB\)](#)

10. [13 download]

VolE98-D Nb.4 pp.750-759

INVITED PAPER **Open Access Paper**

RFID Authentication with Un-Traceability and Forward Secrecy in the Partial-

Distributed-Server Model

Hung-Yu CHIEN, Tzong-Chen WU, Chien-Lung HSU,

[Summary](#) | [FreeFull TextPDF\(1.6MB\)](#)

10. [13 download]

VolE94-D Nb.10 pp.1854-1862

INVITED PAPER **Open Access Paper**

A Short Introduction to Learning to Rank

Hang LI,

[Summary](#) | [FreeFull TextPDF\(311.7KB\)](#)