History / Achievement

2014-2016

2016

· Wide Area and High Capacity IoT/M2M Radio relay System
· Sensor Time Management Technology
· Overcoming the CMOS Bandwidth Limit with a Bandwideth Doubler
· Edge Computing Platform
· Quantum Neural Network for Solving Intractable Problems with Light
· MPEG-4Å@ALS : an International Standard of Audio Lossless coding

2015

· Edge Computing Platform
· Lagopus
· Laser GasSensing
· Microscope Integrated with an Optical Cleaner
· Toward a Photonic Datacenter
· Speech Styling!
· Measurement of an Inner-shell Electron by Attosecond Pulse Laser
· Fabrication of Atomically Thin Functional Materials

2014

· Millimeter-wave (60-GHz band) High-Speed Close Proximity Transmission System
· FireFort-LDGM: High-Efficiency Error Correction Technology
· RFID Technology for Achieving IoT/M2M
· Over-100-bit Integrated All-optical Memories on a Chip
· "Yu bi Yomu", a New Method of Tracing, Reading, and Showing Digital Text
· Dynamic Control of Phonon Propagation in Phononic Crystal Waveguide