

CONTENTS

Papers

| | |
|--|----|
| Capacitive Current calculation by a Recursive Least Square Method with Variable Forgetting Factors..... | 1 |
|Jian-Wen Zhao, Ye Hong and Guo-Long Shi | |
| Whole-cell Currents Recording from Ion Channels in Human Lymphocytes Treated with Anti-inflammatory Drugs in Nanoparticles Forms..... | 11 |
|Lijun Shang, Mojgan Najafzadeh and Diana Anderson | |
| T-Shape Microstrip Antenna for Dual-Band Operation..... | 21 |
|Tung-Hung Hsieh, Chung-Lun Tai and Guan-Chi Wang | |
| An Efficient Method for Early Detecting All-Zero Blocks in H.264 Video Encoding..... | 32 |
|Chou-Chen Wang and Yu-Kai Lin | |
| The Application of PLC Technology in Automobile Engine Intake Manifold Leak Detection System..... | 41 |
|Huan Guo, Hong-Yi Liu, Zhi-Hui Zhu and Xin-Fu Liu | |
| Image Quality Assessment Using Gradient-weighted Structural Similarity..... | 49 |
|Hongfang Li, Shiru Zhang and Yi-Ying Chang | |
| Study of Improvement of Intelligibility for the Elderly Speech Based on Formant Frequency Shift..... | 57 |
|Yuto Tanaka, Hiroaki Igaue, Mitsunori Mizumachi and Yoshihisa Nakatoh | |
| Application of Decision Tree and Support Vector Machine for Inspecting Bubble Defects on LED Sealing Glue Images..... | 66 |
|Chuan-Yu Chang and Yi-Feng Lin | |
| Manuscript Submission Instructions for Authors (IJ3C)..... | 75 |