

IEEE TRANSCATION 2015 TITLES

Embedded titles		
S.No	Title	Year
1	Automatic Control System for Thermal Comfort Based on Predicted Mean Vote and Energy Saving	2015
2	Design and Implementation of Smart Home Control Systems Based on Wireless Sensor Networks and Power Line Communication	2015
3	Low-Dimensional Learning for Complex Robots	2015
4	Time Synchronization in Arduino-based Wireless Sensor Networks	2015
5	Topological Indoor Localization and Navigation for Autonomous Mobile Robot.	2015
6	Two-Dimensional Sensor System for Automotive Crash Prediction	2015
7	Wireless Sensor Networks for Condition Monitoring in the Railway Industry A Survey	2015
8	Wireless Wearable T-Shirt for Posture Monitoring During Rehabilitation Exercise	2015
9	A Configurable and Low-Power Mixed Signal SoC for Portable ECG Monitoring Applications	2015
10	A Reconfigurable Smart Sensor Interface for Industrial WSN in IoT Environment	2015
11	A Secure Biometrics-Based Multi-Server Authentication Protocol Using Smart Cards	2015
12	A Sensor-Based Dual-Arm Tele-Robotic System	2015
13	Accessible Display Design to Control Home Area Networks	2015
14	An Integrated System for Regional Environmental Monitoring and Management Based on Internet of Things.	2015
15	Deep Representations for Iris, Face, and Fingerprint Spoofing Detection.	2015
16	Driver Gaze Tracking and Eyes Off the Road Detection System.	2015
17	Embedded Human Control of Robots Using Myoelectric Interfaces.	2015
18	Energy Efficient Ethernet for Real-Time Industrial Networks.	2015
19	Hardware Demonstration of a Home Energy Management System for Demand Response Applications	2015
20	Home Appliance Load Modeling From Aggregated Smart Meter Data.	2015
21	How long to wait predicting bus arrival time with mobile phone based participatory sensing	2015
22	Last-meter smart grid embedded in an internet-of-things platform.	2015
23	Location-aware and safer cards enhancing RFID security and privacy via location sensing	2015
24	Minimizing movement for target coverage and network connectivity in mobile sensor networks	2015

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25	Multi-core embedded wireless sensor networks architecture and applications	2015
26	Optimal energy management of greenhouses in smart grids	2015
27	Optimizing data forwarding from body area networks in the presence of body shadowing with dual wireless technology nodes.	2015
28	Passenger journey destination estimation from automated fare collection system data using spatial validation	2015
29	Performance evaluation of GNSS for train localization	2015
30	Portable camera-based assistive text and product label reading from hand-held objects for blind persons	2015
31	Portable roadside sensors for vehicle counting classification and speed measurement	2015
32	Secure and privacy-preserving Smartphone-based traffic information systems	2015
33	Sensing devices and sensor signal processing for remote monitoring of vital signs in CHF patients	2015
34	Sensor fusion-based vacant parking slot detection and tracking	2015
35	Smart host microcontroller for optimal battery charging in a solar powered robotic vehicle	2015
36	The New approach to RFID assisted navigation systems for VANETS	2015
37	Traffic flow prediction with big data a deep learning approach	2015
38	Traffic signal phase and timing estimation from low-frequency transit bus data.	2015
39	Twins device-free object tracking using passive tags.	2015
40	WSN based smart sensors and actuator for power management in intelligent buildings.	2015
41	Zigbee based communication system for data transfer within future micro grids.	2015
Matlab Titles		
S.No	Title	Year
1	A Feature-Enriched Completely Blind Image Quality Evaluator	2015
2	A No-Reference Texture Regularity Metric Based on Visual Saliency	2015
3	A Probabilistic Approach for Color Correction in Image Mosaicking Applications	2015
4	Boundary Detection Using Double-Opponency and Spatial Sparseness Constraint	2015
5	Combining Left and Right Palmprint Images for More Accurate Personal Identification	2015
6	Face Recognition across Non-Uniform Motion Blur, Illumination, and Pose	2015
7	Face Sketch Synthesis via Sparse Representation-Based Greedy Search	2015
8	Fractal Analysis for Reduced Reference Image Quality	2015

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	Assessment	
9	Image Denoising by Exploring External and Internal Correlations	2015
10	Image Super-Resolution Based on Structure-Modulated Sparse Representation	2015
11	Pareto-Depth for Multiple-Query Image Retrieval	2015
12	Revealing the Trace of High-Quality JPEG Compression through Quantization Noise Analysis	2015
13	Reversible Image Data Hiding with Contrast Enhancement	2015
14	Robust Representation and Recognition of Facial Emotions Using Extreme Sparse Learning	2015
15	Steganography Using Reversible Texture Synthesis	2015
16	Variable-Length Signature for Near-Duplicate Image Matching	2015