

IMAGE PROCESSING –IEEE 2016		
1	A Decomposition Framework for Image Denoising Algorithms	MATLAB
2	A Unified Framework for Salient Structure Detection by Contour-Guided Visual Search	MATLAB
3	Contrast Sensitivity of the Wavelet, Dual Tree Complex Wavelet, Curvelet, and Steerable Pyramid Transforms	MATLAB
4	Fast Multispectral Imaging by Spatial Pixel-Binning and Spectral Unmixing	MATLAB
5	Fast Single Image Super-resolution using a New Analytical Solution for l_2 - l_2 Problems	MATLAB
6	FRESH—FRI-Based Single-Image Super-Resolution Algorithm	MATLAB
7	Image Zoom Completion	MATLAB
8	Local Spectral Component Decomposition for Multi-Channel Image Denoising	MATLAB
9	Ontology-Based Semantic Image Segmentation Using Mixture Models and Multiple CRFs	MATLAB
10	Shapes From Pixels	MATLAB
11	Red Lesion Detection Using Dynamic Shape Features for Diabetic Retinopathy Screening	MATLAB
12	Beyond Color Difference: Residual Interpolation for Color Image Demosaicking	MATLAB
13	Super-Resolution of Dynamic Scenes using Sampling Rate Diversity	MATLAB
14	Noise Power Spectrum Measurements in Digital Imaging with Gain Nonuniformity Correction	MATLAB
15	Facial Sketch Synthesis Using Two-dimensional Direct Combined Model-based Face-Specific Markov Network	MATLAB
16	Demosaicing based on Directional Difference Regression and Efficient Regression Priors	MATLAB
17	Lung Pattern Classification for Interstitial Lung Diseases Using a Deep Convolutional Neural Network	MATLAB
18	AggNet: Deep Learning From Crowds for Mitosis Detection in Breast Cancer Histology Images	MATLAB
19	Lidar Waveform-Based Analysis of Depth Images Constructed Using Sparse Single-Photon Data	MATLAB
20	Discriminative Semantic Subspace Analysis for Relevance Feedback	MATLAB
21	Contrast Sensitivity of the Wavelet, Dual Tree Complex Wavelet, Curvelet, and Steerable Pyramid Transforms	MATLAB
22	Misaligned Image Integration With Local Linear Model	MATLAB

23	The Relative Impact of Ghosting and Noise on the Perceived Quality of MR Images	MATLAB
24	Spatio-Temporal Rich Model-Based Video Steganalysis on Cross Sections of Motion Vector Planes	MATLAB
25	Scalable Semi-Automatic Annotation for Multi-Camera Person Tracking	MATLAB
MOBILE COMPUTING - IEEE 2016		
1	Management and Orchestration Challenges in Network Function Virtualization	.NET/J2EE/PHP
2	Determining Driver Phone Use by Exploiting Smartphone Integrated Sensors	.NET/J2EE/PHP
NETWORK SECURITY - IEEE 2016		
1	Fast Detection of Transformed Data Leaks	.NET/J2EE/PHP
2	Physical Layer Security in Three-Tier Wireless Sensor Networks: A Stochastic Geometry Approach	.NET/J2EE/PHP
3	Cloning Your Gadgets: Complete ROP Attack Immunity with Multi-Variant Execution	.NET/J2EE/PHP
4	TIPPERS: A Privacy Cognizant IoT Environment	.NET/J2EE/PHP
5	On the Fingerprinting of Software-Defined Networks	.NET/J2EE/PHP
6	Scheduling Wireless Virtual Networks Functions	.NET/J2EE/PHP
7	Enabling Cloud Storage Auditing with Verifiable Outsourcing of Key Updates	.NET/J2EE/PHP
8	Active trust: secure and trustable routing in wireless sensor networks	.NET/J2EE/PHP
9	Against Double Fault Attacks: Injection Effort Model, Space and Time Randomization Based Countermeasures for Reconfigurable Array Architecture	.NET/J2EE/PHP
10	Attribute-Based Data Sharing Scheme Revisited in Cloud Computing	.NET/J2EE/PHP
11	Cryptoleq: A Heterogeneous Abstract Machine for Encrypted and Unencrypted Computation	.NET/J2EE/PHP
12	Group Secret Key Generation in Wireless Networks: Algorithms and Rate Optimization	.NET/J2EE/PHP
13	Mimicry Attacks against Wireless Link Signature and Defense using Time-Synched Link Signature	.NET/J2EE/PHP
14	Control Plane Latency with SDN Network Hypervisors: The Cost of Virtualization	.NET/J2EE/PHP
15	Deep Dynamic Neural Networks for Multimodal Gesture Segmentation and Recognition	.NET/J2EE/PHP

NETWORKING - IEEE 2016		
1	Energy Efficient Direction Based PDORP Routing Protocol For WSN	.NET/J2EE/PHP
2	Bayesian Robust Tensor Factorization for Incomplete Multiway Data	.NET/J2EE/PHP
3	Design, Modeling, and Performance Analysis of Multi-Antenna Heterogeneous Cellular Networks	.NET/J2EE/PHP
4	Full-Duplex Spectrum Sharing in Cooperative Single Carrier Systems	.NET/J2EE/PHP
5	Node Scaling Analysis for Power-Aware Real-Time Tasks Scheduling	.NET/J2EE/PHP
6	Secrecy Capacity Analysis Over κ - μ Fading Channels: Theory and Applications	.NET/J2EE/PHP
7	Scheduling Wireless Virtual Networks Functions	.NET/J2EE/PHP
POWER SYSTEMS - IEEE 2016		
1	A Family of High-Frequency Single-Switch DC-DC Converters with Low Switch Voltage Stress Based on Impedance Networks	MATLAB
2	Cascading Power Outages Propagate Locally in an Influence Graph that is not the Actual Grid Topology	MATLAB
3	Direct Modular Multilevel Converter With Six Branches for Flexible Distribution Networks	MATLAB
4	Obtaining Statistics of Cascading Line Outages Spreading in an Electric Transmission Network From Standard Utility Data	MATLAB
5	Small-Signal Modeling and Comprehensive Analysis of Magnetically Coupled Impedance-Source Converters	MATLAB
6	Voltage Control in PV-Rich LV Networks without Remote Monitoring	MATLAB
SIGNAL PROCESSING - IEEE 2016		
1	A Unified Approach for Multi-Object Triangulation, Tracking and Camera Calibration	MATLAB
2	Adaptive-Rate Reconstruction of Time-Varying Signals With Application in Compressive Foreground Extraction	MATLAB
3	Performance Analysis of Full-Duplex-MRC-MIMO With Self-Interference Cancellation Using Null-Space-Projection	MATLAB
WIRELESS COMMUNICATIONS - IEEE 2016		
1	Performance of Quantized Random Beam forming in Delay-Tolerant Machine-Type Communication	.NET/J2EE/PHP
2	Robust Single Carrier Frequency Domain Equalization with Imperfect Channel Knowledge	.NET/J2EE/PHP
3	Simultaneous Wireless Information and Power Transfer in K-tier Heterogeneous Cellular Networks	.NET/J2EE/PHP
4	Tradeoff Analysis and Joint Optimization of Link-Layer Energy Efficiency and Effective Capacity Toward Green Communications	.NET/J2EE/PHP

BIGDATA - IEEE 2016		
1	Algorithm Seer: A System for Extracting and Searching for Algorithms in Scholarly Big Data	.NET/J2EE/PHP
CLOUD COMPUTING - IEEE 2016		
1	Energy-Efficient Virtual Machines Scheduling in Multi-Tenant Data Centers	.NET/J2EE/PHP
2	Providing User Security Guarantees in Public Infrastructure Clouds	.NET/J2EE/PHP
3	Publicly Verifiable Inner Product Evaluation over Outsourced Data Streams under Multiple Keys	.NET/J2EE/PHP
DATA MINING - IEEE 2016		
1	K-Subspaces Quantization for Approximate Nearest Neighbor Search	.NET/J2EE/PHP
2	Creating Engaging Online Learning Material with the JSAV JavaScript Algorithm Visualization Library	.NET/J2EE/PHP
3	Variability Analysis of Requirements: Considering Behavioral Differences and Reflecting Stakeholders' Perspectives	.NET/J2EE/PHP
4	Online Ensemble Learning of Data Streams with Gradually Evolved Classes	.NET/J2EE/PHP
5	Learning Proximity Relations for Feature Selection	.NET/J2EE/PHP
6	Scalable Daily Human Behavioral Pattern Mining from Multivariate Temporal Data	.NET/J2EE/PHP

IEEE TRANSACTION DOMAINS

- Data Mining
- Cloud Computing
- Networking
- Network Security
- Image Processing
- Mobile computing
- Other Domains as Applicable