VLSI

1. DATA ENCODING TECHNIQUES FOR REDUCING ENERGY IN CONSUMPTION IN NETWORK ON CHIP.
2. ENHANCED MEMORY RELIABILITY AGAINST MULTIPLE CELL UPSETS USING DECIMAL MATRIX CODE.
3. RELIABLE LOW-POWER MULTIPLIER DESIGN USING FIXED-WIDTH REPLICA REDUNDANCY BLOCK.
4. FAULT TOLERANT PARALLEL FILTERS BASED ON ERROR CORRECTION CODES.
5. EFFICIENT VLSI IMPLEMENTATION OF NEURAL NETWORKS WITH HYPERBOLIC TANGENT ACTIVATION FUNCTION.
6. NOVEL RECONFIGURABLE HARDWARE ARCHITECTURE FOR POLYNOMIAL MATRIX MULTIPLICATIONS.
7. SMART RELIABLE NETWORK-ON-CHIP.
8. ON THE AUTOMATIC GENERATION OF OPTIMIZED SOFTWARE-BASED SELF-TEST PROGRAMS FOR VLIW PROCESSORS.
9. CAPTURE-POWER-SAGE TEST PATTERN DETERMINATION FOR AT-SPEED SCAN-BASED TESTING.
10. RECONFIGURABLE CORDIC-BASED LOW-POWER DCT ARCHITECTURE BASED ON DATA PRIORITY.
11. THWARTING SCAN-BASED ATTACKS ON SECURE-ICS WITH ON-CHIP COMPARISON.
12. A 3.1 GB/S 8*8 SORTING REDUCED K-BEST DETECTOR WITH LATTICE REDUCTION AND QR DECOMPOSITION.
13. A DIGITAL FREQUENCY MULTIPLICATION TECHNIQUE FOR ENERGY EFFICIENT TRANSMITTERS.
14. AGING-AWARE RELIABLE MULTIPLIER DESIGN WITH ADAPTIVE HOLD LOGIC,
15. AN EFFICIENT PARTIAL-SUM NETWORK ARCHITECTURE FOR SEMI-PARALLEL POLAR CODES DECODER IMPLEMENTATION.
16. AN OPTIMIZED MODIFIED BOOTH RECORDER FOR EFFICIENT DESIGN OF THE ADD-MULTIPLY OPERATOR.
17. ENERGY EFFICIENT SOFT-INPUT SOFT-OUTPUT SIGNAL DETECTOR FOR ITERATIVE MIMO RECEIVERS
18. MULTIFUNCTIONAL RESIDUE ARCHITECTURES FOR CRYPTOGRAPHY.
19. REDUCING ENERGY AT THE MINIMUM ENERGY OPERATING POINT VIA STATISTICAL ERROR COMPENSATION.
20. SIMPLIFYING CLOCK GATING LOGIC BY MATCHING FACTORED FORMS.
21. ITERATIVE FREQUENCY-DOMAIN DETECTION FOR IA-PRE CODED MC-CDMA SYSTEMS
22. A PRACTICAL ANALYSIS OF PERFORMANCE OPTIMIZATION IN OSTBC BASED NONLINEAR MIMO-OFDM SYSTEMS
23. LC-BASED BAND PASS CONTINUOUS-TIME SIGMA-DELTA MODULATORS WITH WIDELY TUNABLE NOTCH FREQUENCY
24. PARALLEL INTER LEAVER DESIGN FOR A HIGH THROUGHPUT HSPA OR LTE MULTI-STANDARD TURBO DECODER
25. SPARSE ADAPTIVE FILTERING BY AN ADAPTIVE CONVEX COMBINATION OF THE LMS AND THE ZA-LMS ALGORITHMS
26. INPUT VECTOR MONITORING CONCURRENT BIST ARCHITECTURE USING SRAM CELLS
27. ACHIEVING HIGH-PERFORMANCE ON-CHIP NETWORKS WITH SHARED-BUFFER ROUTERS
28. ALGORITHMS AND ARCHITECTURES OF ENERGY-EFFICIENT ERROR-RESILIENT MIMO DETECTORS FOR MEMORY-DOMINATED WIRELESS COMMUNICATION SYSTEMS
29. DESIGN FLOW FOR FLIP-FLOP GROUPING IN DATA-DRIVEN CLOCK GATING
30. ANALYSIS AND DESIGN OF A LOW-VOLTAGE LOW-POWER DOUBLE-TAIL COMPARATOR
31. A BIRA FOR MEMORIES WITH AN OPTIMAL REPAIR RATE USING SPARE MEMORIES FOR AREA REDUCTION
32. EFFICIENT REGISTER RENAMING AND RECOVERY FOR HIGH-PERFORMANCE PROCESSORS
33. EFFICIENT ALGORITHM AND ARCHITECTURE FOR ELLIPTIC CURVE CRYPTOGRAPHY FOR EXTREMELY CONSTRAINED SECURE APPLICATIONS
34. LOW-POWER DIGITAL SIGNAL PROCESSOR ARCHITECTURE FOR WIRELESS SENSOR NODES
35. AN ACCURACY-ADJUSTMENT FIXED-WIDTH BOOTH MULTIPLIER BASED ON MULTILEVEL CONDITIONAL PROBABILITY

DIGITAL IMAGE PROCESSING (MAT LAB)

1. 3D ASSISTED FACE RECOGNITION: DEALING WITH EXPRESSION VARIATIONS.
2. ANALYSIS AND EXPLOITATION OF MULTIPATH GHOSTS IN RADAR TARGET IMAGE CLASSIFICATIONS.
3. ANALYZING TRAINING INFORMATION FROM RANDOM FORESTS FOR IMPROVED IMAGE SEGMENTATION.
4. CASCADE CATEGORY-AWARE VISUAL SEARCH.
5. CLUSTERING-BASED DISCRIMINANT ANALYSIS FOR EYE DETECTION.
6. COMMON FEATURE DISCRIMINANT ANALYSIS FOR MATCHING INFRARED FACE IMAGES TO OPTICAL FACE IMAGES.
7. CROSS-INDEXING OF BINARY SIFT CODES FOR LARGE-SCALE IMAGE SEARCH.
8. HIGH DIMENSIONAL CAMERA SHAKE REMOVAL WITH GIVEN DEPTH MAP.
9. PERSISTENT AERIAL VIDEO REGISTRATION AND FAST MULTI-VIEW MOSAICING.
10. QUALITY ASSESSMENT OF STEREOSCOPIC 3D IMAGE COMPRESSION BY BINOCULAR INTEGRATION BEHAVIORS.
12. Segmentation-Driven Image Registration-Application to 4D DCE-MRI Recordings of Moving Kidneys
13. Quantifying the Importance of the Statistical Assumption in Statistical X-Ray CT Image Reconstruction
14. Translation Invariant Directional Framelet Transform Combined with Gabor Filters for Image Denoising
15. Simulations of Breast Cancer Imaging Using Gamma-Ray Stimulated Emission Computed Tomography
16. Segmentation-Based Partial Volume Correction for Volume Estimation of Solid Lesions in CT
17. Detection of Moving Objects Using Multi-Channel Kernel Fuzzy Correlogram Based Background Subtraction
18. Automatic Tuberculosis Screening Using Chest Radiographs
19. Segmentation of Skin Lesions from Digital Images Using Joint Statistical Texture Distinctiveness
20. Weakly Supervised Photo Cropping
22. Salient Region Detection by Fusing Bottom-Up and Top-Down Features Extracted from a Single Image
23. Automatic Segmentation of Mitochondria in EM Data Using Pairwise Affinity Factorization and Graph-Based Contour Searching
24. A Study of Multiplicative Watermark Detection in the Contourlet Domain Using Alpha-Stable Distributions
COMMUNICATION (MAT LAB)

1. EMBEDDED ITERATIVE SEMI-BLIND CHANNEL ESTIMATION FOR THREE-STAGE-CONCATENATED MIMO-AIDED QAM TURBO TRANSCEIVERS

2. DISTRIBUTED BASE STATION ASSOCIATION AND POWER CONTROL FOR HETEROGENEOUS CELLULAR NETWORKS

3. COOPERATIVE ARQ WITH RELAY SELECTION: AN ANALYTICAL FRAMEWORK USING SEMI-MARKOV PROCESSES

4. A DYNAMIC FLOW CONTROL ALGORITHM FOR LTE-ADVANCED RELAY NETWORKS

5. AN ALTERNATIVE PERSPECTIVE ON UTILITY MAXIMIZATION IN ENERGY-HARVESTING WIRELESS SENSOR NETWORKS

6. COMPRESSION AND COMBINING BASED ON CHANNEL SHORTENING AND REDUCED-RANK TECHNIQUES FOR COOPERATIVE WIRELESS SENSOR NETWORKS

7. WIRELESS ENERGY AND INFORMATION TRANSFER TRADEOFF FOR LIMITED-FEEDBACK MULTIANTEENNA SYSTEMS WITH ENERGY BEAMFORMING

8. OPTIMAL TRANSMISSION OF PROGRESSIVE SOURCES BASED ON THE ERROR PROBABILITY ANALYSIS OF SM AND OSTBC

9. PERFORMANCE ANALYSIS OF MULTI-HOP AMPLIFY-AND-FORWARD RELAYING SYSTEMS IN RAYLEIGH FADING CHANNELS WITH A POISSON INTERFERENCE FIELD
10. END-TO-END VIRTUAL MIMO TRANSMISSION IN AD HOC COGNITIVE RADIO NETWORKS

11. OPTIMAL TRANSMISSION OF PROGRESSIVE SOURCES BASED ON THE ERROR PROBABILITY ANALYSIS OF SM AND OSTBC

12. ACHIEVABLE THROUGHPUT UNDER BER CONSTRAINTS VIA TRANSMISSION SCHEDULING AND MULTIUSER DETECTION

13. ENERGY EFFICIENT PILOT AND LINK ADAPTATION FOR MOBILE USERS IN TDD MULTI-USER MIMO SYSTEMS

14. PRACTICAL ENERGY-AWARE LINK ADAPTATION FOR MIMO-OFDM SYSTEMS

15. ENERGY EFFICIENT PILOT AND LINK ADAPTATION FOR MOBILE USERS IN TDD MULTI-USER MIMO SYSTEMS

16. MULTIPLE HASHING APPROACH TO COMPLETE IDENTIFICATION OF MISSING RFID TAGS

17. A PRACTICAL ANALYSIS OF PERFORMANCE OPTIMIZATION IN OSTBC BASED NONLINEAR MIMO-OFDM SYSTEMS

**NETWORK SIMULATOR (NS2)**

1. A GENERAL SELF-ORGANIZED TREE-BASED ENERGY-BALANCE ROUTING PROTOCOL FOR WIRELESS SENSOR NETWORK.

2. A NETWORK LIFETIME ENHANCEMENT METHOD FOR SINK RELOCATION AND ITS ANALYSIS IN WIRELESS SENSOR NETWORKS.

3. A SURVEY OF BEACON-ENABLED IEEE 802.15.4 MAC PROTOCOL IN WIRELESS SENSOR NETWORKS.

4. ALBA-R: LOAD BALANCING GEOGRAPHIC ROUTING AROUND CONNECTIVITY HOLES IN WIRELESS SENSOR NETWORKS.
5. AN ENERGY-BALANCED ROUTING METHOD BASED ON FORWARD-AWARE FOR WIRELESS SENSOR NETWORKS.
6. EFFICIENT PRIVACY-PRESERVING AUTHENTICATION FOR VEHICULAR AD-HOC NETWORKS.
7. ENERGY EFFICIENT RELIABLE ROUTING CONSIDERING RESIDUAL ENERGY IN WIRELESS AD HOC NETWORKS.
8. NEIGHBOR TABLE BASED SHORTCUT TREE ROUTING IN ZIGBEE WIRELESS NETWORKS.
9. NETWORK CODING AWARE COOPERATIVE MAC PROTOCOL FOR WIRELESS AD HOC NETWORKS.
10. OPTIMAL PROBABILISTIC ENCRYPTION FOR SECURE DETECTION IN WIRELESS SENSOR NETWORKS.
11. SECURE AND EFFICIENT DATA TRANSMISSION FOR CLUSTER BASED WIRELESS SENSOR NETWORKS.
12. AN ECONOMIC FRAMEWORK FOR ROUTING AND CHANNEL ALLOCATION IN COGNITIVE WIRELESS MESH NETWORKS
13. WIRELESS STREAMING OF INTERACTIVE MULTI-VIEW VIDEO VIA NETWORK COMPRESSION AND PATH DIVERSITY
14. HOP-BY-HOP MESSAGE AUTHENTICATION AND SOURCE PRIVACY IN WIRELESS SENSOR NETWORKS.
15. ALERT: AN ANONYMOUS LOCATION-BASED EFFICIENT ROUTING PROTOCOL IN MANETS.
16. AN INTELLIGENT HYBRID MAC WITH TRAFFIC-DIFFERENTIATION-BASED QOS FOR WIRELESS SENSOR NETWORKS
17. A QOS-ORIENTED DISTRIBUTED ROUTING PROTOCOL FOR HYBRID WIRELESS NETWORKS.
18. COOPERATIVE CACHING FOR EFFICIENT DATA ACCESS IN DISRUPTION TOLERANT NETWORKS
19. DYNAMIC TRUST MANAGEMENT FOR DELAY TOLERANT NETWORKS AND ITS APPLICATION TO SECURE ROUTING

20. A LIGHTWEIGHT ENCRYPTION SCHEME FOR NETWORK-CODED MOBILE AD HOC NETWORKS

21. A NEW DISTRIBUTED APPLICATION AND NETWORK LAYER PROTOCOL FOR VOIP IN MOBILE AD HOC NETWORKS

22. PSR: A LIGHTWEIGHT PROACTIVE SOURCE ROUTING PROTOCOL FOR MOBILE AD HOC NETWORKS

23. A NOVEL APPROACH TO TRUST MANAGEMENT IN UNATTENDED WIRELESS SENSOR NETWORKS

24. AASR: AUTHENTICATED ANONYMOUS SECURE ROUTING FOR MANETS IN ADVERSARIAL ENVIRONMENTS

25. AN ENERGY-EFFICIENT MOBILE-SINK PATH SELECTION STRATEGY FOR WIRELESS SENSOR NETWORKS

26. R3E: RELIABLE REACTIVE ROUTING ENHANCEMENT FOR WIRELESS SENSOR NETWORKS

27. SLEEP SCHEDULING FOR GEOGRAPHIC ROUTING IN DUTY-CYCLED MOBILE SENSOR NETWORKS

28. TRANSMISSION-EFFICIENT CLUSTERING METHOD FOR WIRELESS SENSOR NETWORKS USING COMPRESSIVE SENSING

29. VSPN: VANET-BASED SECURE AND PRIVACY-PRESERVING NAVIGATION

30. CLUSTER-BASED CERTIFICATE REVOCATION WITH VINDICATION CAPABILITY FOR MOBILE AD HOC NETWORKS.

31. DETECTION AND LOCALIZATION OF MULTIPLE SPOOFING ATTACKERS IN WIRELESS NETWORKS
32. ENHANCEMENT OF LIFETIME USING DUTY CYCLE AND NETWORK CODING IN WIRELESS SENSOR NETWORKS.
33. EAACK—A SECURE INTRUSION-DETECTION SYSTEM FOR MANETS.
34. EMAP: EXPEDITE MESSAGE AUTHENTICATION PROTOCOL FOR VEHICULAR AD HOC NETWORKS.
35. ENERGY-EFFICIENT WIRELESS MAC PROTOCOLS FOR RAILWAY MONITORING APPLICATIONS.
36. FAULT NODE RECOVERY ALGORITHM FOR A WIRELESS SENSOR NETWORK.
37. GRAPH-BASED METRICS FOR INSIDER ATTACK DETECTION IN VANET MULTIHOP DATA DISSEMINATION PROTOCOLS.
38. AN EVOLVING GRAPH-BASED RELIABLE ROUTING SCHEME FOR VANETS.

POWER ELECTRONICS.

1. AN IMPROVED ZVT–ZCT PWM DC–DC BOOST CONVERTER WITH INCREASED EFFICIENCY.
2. AN LED DRIVER WITH DYNAMIC HIGH-FREQUENCY SINUSOIDAL BUS VOLTAGE REGULATION FOR MULTISTRING APPLICATIONS.
3. MULTIVARIABLE CONTROL OF SINGLE-INDUCTOR DUAL-OUTPUT BUCK CONVERTERS.
4. NEW EXTENDABLE SINGLE-STAGE MULTI-INPUT DC–DC/AC BOOST CONVERTER.
5. A NEW LLC SERIES RESONANT CONVERTER WITH A NARROW SWITCHING FREQUENCY VARIATION AND REDUCED CONDUCTION LOSSES.
6. A NEW RESONANT BIDIRECTIONAL DC–DC CONVERTER TOPOLOGY.
7. ANALYSIS AND DESIGN OF A NEW SOFT-SWITCHING BOOST CONVERTER WITH A COUPLED INDUCTOR.
8. HARMONIC REDUCTION METHOD FOR A SINGLE-PHASE DC–AC CONVERTER WITHOUT AN OUTPUT FILTER.
9. HIGH EFFICIENCY RESONANT DC/DC CONVERTER UTILIZING A RESISTANCE COMPRESSION NETWORK.
10. HIGH-EFFICIENCY BRIDGELESS FLYBACK RECTIFIER WITH BIDIRECTIONAL SWITCH AND DUAL OUTPUT WINDINGS.
11. SINGLE POWER-CONVERSION AC–DC CONVERTER WITH HIGH POWER FACTOR AND HIGH EFFICIENCY.
12. SPARSE AC-LINK BUCK–BOOST INVERTER.
13. A BIDIRECTIONAL BUCK-BOOST CONVERTER TO SUPPLY LEDS FROM BATTERIES DURING PEAK LOAD TIME.
14. A NOVEL TRANSFORMER-LESS ADAPTABLE VOLTAGE QUADRUPLER DC CONVERTER WITH LOW SWITCH VOLTAGE STRESS.
15. A NOVEL TRANSFORMER-LESS INTERLEAVED HIGH STEP-DOWN CONVERSION RATIO DC–DC CONVERTER WITH LOW SWITCH VOLTAGE STRESS.
16. ANALYSIS, DESIGN AND IMPLEMENTATION OF A BIDIRECTIONAL DOUBLE-BOOST DC-DC CONVERTER.
17. CURRENT-FED SWITCHED INVERTER.
18. DESIGN OF A SLIDING-MODE-CONTROLLED SEPIC FOR PV MPPT APPLICATIONS.
19. HIGH-EFFICIENCY BIDIRECTIONAL SINGLE-INPUT MULTIPLE-OUTPUT POWER CONVERTER.
20. HIGH-EFFICIENCY DUAL-INPUT INTERLEAVED DC–DC CONVERTER FOR REVERSIBLE POWER SOURCES.
21. IMPROVED POWER QUALITY BRIDGELESS CONVERTER BASED MULTIPLE OUTPUT SMPS.
22. INPUT CURRENT RIPPLE CANCELLATION TECHNIQUE FOR BOOST CONVERTER USING TAPPED INDUCTOR.
23. MODELING AND CONTROLLER DESIGN OF AN AUTONOMOUS PV MODULE FOR DMPPT PV SYSTEMS.
24. A SLIDING-MODE DUTY-RATIO CONTROLLER FOR DC/DC BUCK CONVERTERS WITH CONSTANT POWER LOADS.
25. STEP-DOWN CONVERTER WITH EFFICIENT ZVS OPERATION WITH LOAD VARIATION.
26. VOLTAGE GAIN ENHANCEMENT FOR A STEP-UP CONVERTER CONSTRUCTED BY KY AND BUCK-BOOST CONVERTERS
27. AN EFFORTLESS SPACE-VECTOR-BASED MODULATION FOR N-LEVEL FLYING CAPACITOR MULTILEVEL INVERTER WITH CAPACITOR VOLTAGE BALANCING CAPABILITY
28. A TRANSFORMER LESS ACTIVE VOLTAGE QUALITY REGULATOR WITH THE PARASITIC BOOST CIRCUIT
29. BOOST-DERIVED HYBRID CONVERTER WITH SIMULTANEOUS DC AND AC OUTPUTS
30. HIGH-EFFICIENCY ASYMMETRICAL HALF-BRIDGE CONVERTER WITHOUT ELECTROLYTIC CAPACITOR FOR LOW-OUTPUT-VOLTAGE AC–DC LED DRIVERS

POWER SYSTEM
1. A VOLTAGE-CONTROLLED DSTATCOM FOR POWER-QUALITY IMPROVEMENT
2. ADALINE FOR ONLINE SYMMETRICAL COMPONENTS AND PHASE-ANGLES IDENTIFICATION IN TRANSMISSION LINES
3. A GENETIC ALGORITHM-BASED LOW VOLTAGE RIDE-THROUGH CONTROL STRATEGY FOR GRID CONNECTED DOUBLY FED INDUCTION WIND GENERATORS
4. A MULTIAGENT-BASED FAULT-CURRENT LIMITING SCHEME FOR THE MICROGRIDS
5. A NOVEL BACKUP DISTANCE PROTECTION SCHEME FOR SERIES-COMPENSATED TRANSMISSION LINES
6. ADAPTIVE PI CONTROL OF STATCOM FOR VOLTAGE REGULATION
7. REACTIVE POWER SHARING AND VOLTAGE HARMONIC DISTORTION COMPENSATION OF DROOP CONTROLLED SINGLEPHASE ISLANDED MICROGRIDS
EMBEDDED SYSTEMS

1. A MULTIPLE HASHING APPROACH TO COMPLETE IDENTIFICATION OF MISSING RFID TAGS
2. A DYNAMIC SECRET-BASED ENCRYPTION SCHEME FOR SMART GRID WIRELESS COMMUNICATION
3. A DECENTRALIZED COOPERATIVE CONTROL SCHEME WITH OBSTACLE AVOIDANCE FOR A TEAM OF MOBILE ROBOTS
4. DESIGN OF SENSING SYSTEM AND ANTICIPATIVE BEHAVIOR FOR HUMAN FOLLOWING OF MOBILE ROBOTS
5. ITEM-LEVEL INDOOR LOCALIZATION WITH PASSIVE UHF RFID BASED ON TAG INTERACTION ANALYSIS
6. MOBILE ROBOT LOCALIZATION USING THE PHASE OF PASSIVE UHF RFID SIGNALS
7. MODEL-BASED DETECTION AND MONITORING OF THE INTERMITTENT CONNECTIONS FOR CAN NETWORKS
8. A GENERAL SELF-ORGANIZED TREE-BASED ENERGY-BALANCE ROUTING PROTOCOL FOR WIRELESS SENSOR NETWORK
9. A NETWORK LIFETIME ENHANCEMENT METHOD FOR SINK RELOCATION AND ITS ANALYSIS IN WIRELESS SENSOR NETWORKS
10. SURVEY OF BEACON-ENABLED IEEE 802.15.4 MAC PROTOCOLS IN WIRELESS SENSOR NETWORKS
11. EFFICIENT PRIVACY-PRESERVING AUTHENTICATION FOR VEHICULAR AD HOC NETWORKS
12. NEIGHBOR TABLE BASED SHORTCUT TREE ROUTING IN ZIGBEE WIRELESS NETWORKS
13. NETWORK CODING AWARE COOPERATIVE MAC PROTOCOL FOR WIRELESS AD HOC NETWORKS
14. OPTIMAL PROBABILISTIC ENCRYPTION FOR SECURE DETECTION IN WIRELESS SENSOR NETWORKS
15. SECURE AND EFFICIENT DATA TRANSMISSION FOR CLUSTER-BASED WIRELESS SENSOR NETWORKS

JAVA/DOTNET TITLES

CLOUD COMPUTING

1. ORUTA: PRIVACY-PRESERVING PUBLIC AUDITING FOR SHARED DATA IN THE CLOUD.
2. AN EFFICIENT AND TRUSTWORTHY RESOURCE SHARING PLATFORM FOR COLLABORATIVE CLOUD COMPUTING.
3. A HYPER-HEURISTIC SCHEDULING ALGORITHM FOR CLOUD.
4. DECENTRALIZED ACCESS CONTROL WITH ANONYMOUS AUTHENTICATION OF DATA STORED IN CLOUDS.
5. KEY-AGGREGATE CRYPTOSYSTEM FOR SCALABLE DATA SHARING IN CLOUD STORAGE - PARALLEL DISTRIBUTED SYSTEMS
6. PRIVACY PRESERVING BACK-PROPAGATION NEURAL NETWORK LEARNING MADE PRACTICAL WITH CLOUD COMPUTING
7. IDENTITY-BASED DISTRIBUTED PROVABLE DATA POSSESSION IN MULTI-CLOUD STORAGE- SERVICES COMPUTING.
8. PRIVACY-PRESERVING MULTI-KEYWORD RANKED SEARCH OVER ENCRYPTED CLOUD DATA.
9. PSMPA: PATIENT SELF-CONTROLLABLE AND MULTI-LEVEL PRIVACY-PRESERVING COOPERATIVE AUTHENTICATION IN DISTRIBUTED M-HEALTHCARE CLOUD COMPUTING SYSTEM.

10. A PRIVACY LEAKAGE UPPER BOUND CONSTRAINT-BASED APPROACH FOR COST-EFFECTIVE PRIVACY PRESERVING OF INTERMEDIATE DATA SETS IN CLOUD.

11. HARNESSING THE CLOUD FOR SECURELY OUTSOURCING LARGE-SCALE SYSTEMS OF LINEAR EQUATIONS

**NETWORK SECURITY**

1. CONSISTENCY AS A SERVICE: AUDITING CLOUD CONSISTENCY.

2. KEY-AGGREGATE CRYPTOSYSTEM FOR SCALABLE DATA SHARING IN CLOUD STORAGE.

3. DEALING WITH CONCEPT DRIFTS IN PROCESS MINING.

4. SECURE OUTSOURCED ATTRIBUTE-BASED SIGNATURES

5. EXPLOITING SERVICE SIMILARITY FOR PRIVACY IN LOCATION BASED SEARCH QUERIES

6. A DENIAL OF SERVICE ATTACK TO UMTS NETWORKS USING SIM-LESS DEVICES

7. THE SILENCE OF THE LANS: EFFICIENT LEAKAGE RESILIENCE FOR IPSEC VPNS

8. EASYSMS: A PROTOCOL FOR END-TO-END SECURE TRANSMISSION OF SECRET KEY GENERATION IN THE TWO-WAY RELAY CHANNEL WITH ACTIVE ATTACKERS

9. SECURE LOGGING AS A SERVICE—DELEGATING LOG MANAGEMENT TO THE CLOUD

10. BUILDING A SCALABLE SYSTEM FOR STEALTHY P2P-BOTNET DETECTION

11. TO LIE OR TO COMPLY: DEFENDING AGAINST FLOOD ATTACKS IN DISRUPTION TOLERANT NETWORKS
12. MALWARE CLEARANCE FOR SECURE COMMITMENT OF OS-LEVEL VIRTUAL MACHINES.

13. A SYSTEM FOR TIMELY AND CONTROLLED INFORMATION SHARING IN EMERGENCY SITUATIONS

14. EFFICIENT DEDUPLICATION TECHNIQUES FOR MODERN BACKUP OPERATION

15. AUTONOMIC PLACEMENT OF MIXED BATCH AND TRANSACTIONAL WORKLOADS

16. ON THE PLANNING OF WIRELESS SENSOR NETWORKS: ENERGY-EFFICIENT CLUSTERING UNDER THE JOINT ROUTING AND COVERAGE CONSTRAINT

17. IRIS RECOGNITION SYSTEM WITH HIGH SECURITY

18. DISTRIBUTED CSMA ALGORITHM FOR THROUGHPUT AND UTILITY MAXIMIZATION A IN WIRELESS NETWORKS

19. E CONTINUOUS DELIVERY MESSAGE DISSEMINATION PROBLEMS UNDER THE MULTICASTING COMMUNICATION MODE

20. AN EFFICIENT CLUSTERING SCHEME TO EXPLOIT HIERARCHICAL DATA IN NETWORK TRAFFIC ANALYSIS

21. PROBABILISTIC PACKET MARKING FOR LARGE SCALE IP TRACE BACK KTR CONTROL IN BROADCAST SERVICES

22. QUILIBRIUM OF HETEROGENEOUS CONGESTION CONTROL: OPTIMALITY AND STABILITY

MOBILE COMPUTING

1. OPTIMAL MULTICAST CAPACITY AND DELAY TRADEOFFS IN MANETS

2. EFFICIENT AUTHENTICATION FOR MOBILE AND PERVERSIVE COMPUTING

3. CAM: CLOUD-ASSISTED PRIVACY PRESERVING MOBILE HEALTH MONITORING
4. A QOS-ORIENTED DISTRIBUTED ROUTING PROTOCOL FOR HYBRID WIRELESS NETWORKS.

5. EFFICIENT REKEYING FRAMEWORK FOR SECURE MULTICAST WITH DIVERSE-SUBSCRIPTION-PERIOD MOBILE USERS

6. INVESTIGATING THE PRIVACY VERSUS FORWARDING ACCURACY TRADEOFF IN OPPORTUNISTIC INTEREST-CASTING

7. VIDEO DISSEMINATION OVER HYBRID CELLULAR AND AD HOC NETWORKS

8. OPTIMAL DISTRIBUTED MALWARE DEFENSE IN MOBILE NETWORKS WITH HETEROGENEOUS DEVICES

9. TAGSENSE: LEVERAGING SMARTPHONES FOR AUTOMATIC IMAGE TAGGING

**DATAMINING**

1. PREDICTING SCHOOL FAILURE AND DROPOUT BY USING DATA MINING TECHNIQUES.

2. AN EMPIRICAL PERFORMANCE EVALUATION OF RELATIONAL KEYWORD SEARCH SYSTEMS

3. BUILDING CONFIDENTIAL AND EFFICIENT QUERY SERVICES IN THE CLOUD WITH RASP DATA PERTURBATION.

4. SUPPORTING PRIVACY PROTECTION IN PERSONALIZED WEB SEARCH

5. MINING WEAKLY LABELED WEB FACIAL IMAGES FOR SEARCH-BASED FACE ANNOTATION

6. EASISEE: REAL-TIME VEHICLE CLASSIFICATION AND COUNTING VIA LOW-COST COLLABORATIVE SENSING.

7. DURABLE QUERIES OVER HISTORICAL TIME SERIES.

8. DECISION TREES FOR MINING DATA STREAMS BASED ON THE GAUSSIAN APPROXIMATION.

9. TRUSTWORTHINESS MANAGEMENT IN THE SOCIAL INTERNET OF THINGS.

10. EFFECTIVE AND EFFICIENT CLUSTERING METHODS FOR CORRELATED PROBABILISTIC GRAPHS
MINING PROBABILISTICALLY FREQUENT SEQUENTIAL PATTERNS IN LARGE UNCERTAIN DATABASES.

11. RANDOM PROJECTION RANDOM DISCRETIZATION ENSEMBLES—ENSEMBLES OF LINEAR MULTIVARIATE DECISION TREES

12. SECURE MINING OF ASSOCIATION RULES IN HORIZONTALLY DISTRIBUTED DATABASES USING INCOMPLETE INFORMATION FOR COMPLETE WEIGHT ANNOTATION OF ROAD NETWORKS.

13. DISTRIBUTED, CONCURRENT, AND INDEPENDENT ACCESS TO ENCRYPTED CLOUD DATABASES.

14. COMPARABLE ENTITY MINING FROM COMPARATIVE QUESTIONS

15. CIRCULAR RERANKING FOR VISUAL SEARCH

16. ANSWERING GENERAL TIME-SENSITIVE QUERIES

17. CREATING EVOLVING USER BEHAVIOR PROFILES AUTOMATICALLY

18. SIMILARITY SEARCH TECHNIQUES FOR SENSITIVE METRIC DATA

19. SLICING A NEW APPROACH FOR PRIVACY PRESERVING DATA PUBLISHING

20. TREE-BASED MINING FOR DISCOVERING PATTERNS OF HUMAN INTERACTION IN MEETINGS

21. A PERSONALIZED ONTOLOGY MODEL FOR WEB INFORMATION GATHERING

22. EXTENDED XML TREE PATTERN MATCHING

23. DECISION TREES FOR UNCERTAIN DATA

24. NEW APPROACH TO QUANTIFICATION OF PRIVACY ON SOCIAL NETWORK SITES

25. BUSINESS-OWL (BOWL)—A HIERARCHICAL TASK NETWORK ONTOLOGY FOR DYNAMIC BUSINESS PROCESS DECOMPOSITION AND FORMULATION

26. CHANNEL ACCESS ALLOCATION FOR SCALABLE VIDEO TRANSMISSION OVER CONTENTION-BASED WIRELESS NETWORKS

27. A WEB SEARCH ENGINE-BASED APPROACH TO MEASURE SEMANTIC SIMILARITY BETWEEN WORDS

28. NYMBLE: BLOCKING MISBEHAVING USERS IN ANONYMIZING NETWORKS

29. DOS DEFENSE THROUGH WEB REFERRALS
30. SIGFREE: A SIGNATURE-FREE BUFFER OVERFLOW ATTACK BLOCKER
31. DISTRIBUTED SYSTEM OF BREAST CANCER IN BIO – INFORMATICS

SOFTWARE ENGINEERING

1. AUTOMATIC SUMMARIZATION OF BUG REPORTS
2. DEVELOPMENT OF GAME-LIKE SIMULATIONS FOR PROCEDURAL KNOWLEDGE IN HEALTHCARE EDUCATION
3. EFFECTS OF DEVELOPER EXPERIENCE ON LEARNING AND APPLYING UNIT TEST-DRIVEN DEVELOPMENT
4. GOVERNING SOFTWARE PROCESS IMPROVEMENT SIN GLOBALLY DISTRIBUTED PRODUCT DEVELOPMENT.
5. MODELING HUMAN-IN-THE-LOOP SECURITY ANALYSIS AND DECISION-MAKING PROCESSES.
6. A NOVEL SEMI SUPERVISED ALGORITHM FOR RARE PRESCRIPTION SIDE EFFECT DISCOVERY.

BIG DATA COMPUTING

1. REDUNDANCY AND AGING OF EFFICIENT MULTIDIMENSIONAL MDS PARITY-PROTECTED DISTRIBUTED STORAGE SYSTEMS
2. COST MINIMIZATION FOR BIG DATA PROCESSING IN GEO-DISTRIBUTED DATA CENTERS

MULTIMEDIA

1. BEYOND TEXT QA: MULTIMEDIA ANSWER GENERATION BY HARVESTING WEB INFORMATION.
2. SPARKMED: A FRAMEWORK FOR DYNAMIC INTEGRATION OF MULTIMEDIA MEDICAL DATA INTO DISTRIBUTED M-HEALTH SYSTEMS

3. A FORCEFUL SYSTEM STACK COMPLEMENTARY IN MASS LEVEL MULTIMEDIA SYSTEMS