# Keiichi Yasumoto

## List of Publications by Year
## in descending order

| | | | |
|---|---|---|---|
| 220 papers | 1,624 citations | 840776<br>11 h-index | 642732<br>23 g-index |
| 229 all docs | 229 docs citations | 229 times ranked | 1235 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Estimating Congestion in a Fixed-Route Bus by Using BLE Signals. Sensors, 2022, 22, 881. | 3.8 | 3 |
| 2 | Wi-CaL: WiFi Sensing and Machine Learning Based Device-Free Crowd Counting and Localization. IEEE Access, 2022, 10, 24395-24410. | 4.2 | 21 |
| 3 | Short Stick Exercise Tracking System for Elderly Rehabilitation using IMU Sensor. , 2022, , . | | 0 |
| 4 | Estimating Congestion in Train Cars by Using BLE Signals. , 2022, , . | | 1 |
| 5 | Analysis of Visualized Bioindicators Related to Activities of Daily Living. Lecture Notes in Networks and Systems, 2021, , 731-744. | 0.7 | 2 |
| 6 | Estimating Subjective Argument Quality Aspects From Social Signals in Argumentative Dialogue Systems. IEEE Access, 2021, 9, 11610-11621. | 4.2 | 0 |
| 7 | A Method for Detecting Street Parking Using Dashboard Camera Videos. Sensors and Materials, 2021, 33, 17. | 0.5 | 4 |
| 8 | Exploring the Impacts of Elaborateness and Indirectness in a Behavior Change Support System. IEEE Access, 2021, 9, 74778-74788. | 4.2 | 1 |
| 9 | Optimal Cooking Procedure Presentation System for Multiple Recipes and Investigating Its Effect. Algorithms, 2021, 14, 67. | 2.1 | 2 |
| 10 | ParaCook: Optimal Cooking Support System for Multiple Dishes. , 2021, , . | | 0 |
| 11 | Evacuation Shelter Decision Method Considering Non-Cooperative Evacuee Behavior to Support the Disaster Weak. Sustainability, 2021, 13, 5106. | 3.2 | 4 |
| 12 | Analysis on Nursing Care Activity Related Stress Level for Reduction of Caregiving Workload. , 2021, , . | | 2 |
| 13 | Detection of Careless Responses in Online Surveys Using Answering Behavior on Smartphone. IEEE Access, 2021, 9, 53205-53218. | 4.2 | 6 |
| 14 | ProceThings: Data Processing Platform with In-situ IoT Devices for Smart Community Services. , 2021, , . | | 5 |
| 15 | Non-Contact In-Home Activity Recognition System Utilizing Doppler Sensors. , 2021, , . | | 6 |
| 16 | User-centric Distributed Route Planning in Smart Cities based on Multi-objective Optimization. , 2021, , . | | 2 |
| 17 | Simultaneous Crowd Estimation in Counting and Localization Using WiFi CSI. , 2021, , . | | 3 |
| 18 | Multi-person Daily Activity Recognition with Non-contact Sensors based on Activity Co-occurrence. , 2021, , . | | 2 |

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| 19 | Multimodal Tourists' Emotion and Satisfaction Estimation Considering Weather Conditions and Analysis of Feature Importance. , 2021, , . | | 1 |
| 20 | Energy aware simulation and testing of smart-spaces. Information and Software Technology, 2020, 118, 106201. | 4.4 | 0 |
| 21 | Route Planning Through Distributed Computing by Road Side Units. IEEE Access, 2020, 8, 176134-176148. | 4.2 | 5 |
| 22 | Timeliness-Aware On-Site Planning Method for Tour Navigation. Smart Cities, 2020, 3, 1383-1404. | 9.4 | 11 |
| 23 | Gamified Participatory Sensing in Tourism: An Experimental Study of the Effects on Tourist Behavior and Satisfaction. Smart Cities, 2020, 3, 736-757. | 9.4 | 9 |
| 24 | Predicting Depression and Anxiety Mood by Wrist-Worn Sleep Sensor. , 2020, , . | | 14 |
| 25 | Implementation and Field Evaluation of Location-based Nursing Record System QuickCareRecord. , 2020, , . | | 0 |
| 26 | SALON: Simplified Sensing System for Activity of Daily Living in Ordinary Home. Sensors, 2020, 20, 4895. | 3.8 | 11 |
| 27 | On Decentralized Route Planning Using the Road Side Units as Computing Resources. , 2020, , . | | 3 |
| 28 | On-site Trip Planning Support System Based on Dynamic Information on Tourism Spots. Smart Cities, 2020, 3, 212-231. | 9.4 | 17 |
| 29 | Time-dependent Decentralized Routing using Federated Learning. , 2020, , . | | 4 |
| 30 | Effective Application Distribution System for Internet-less Communication during Disasters. Sensors and Materials, 2020, 32, 79. | 0.5 | 2 |
| 31 | Automatic Route Video Summarization based on Image Analysis for Intuitive Touristic Experience. Sensors and Materials, 2020, 32, 599. | 0.5 | 1 |
| 32 | Strike Activity Detection and Recognition Using Inertial Measurement Unit towards Kendo Skill Improvement Support System. Sensors and Materials, 2020, 32, 651. | 0.5 | 2 |
| 33 | Design and Implementation of Sensor-Embedded Chair for Continuous Sitting Posture Recognition. IEICE Transactions on Information and Systems, 2020, E103.D, 1067-1077. | 0.7 | 6 |
| 34 | Design and evaluation on task allocation interfaces in gamified participatory sensing for tourism. , 2020, , . | | 3 |
| 35 | Editor's Message to Special Issue of Network Services and Distributed Processing. Journal of Information Processing, 2020, 28, 100-101. | 0.4 | 0 |
| 36 | Walking Pace Induction Application Based on the BPM and RhythmValue of Music. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 60-74. | 0.3 | 0 |

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| 37 | Effective Trilateration-based Indoor Localization Method Utilizing Active Control of Lighting Devices. Sensors and Materials, 2020, 32, 625. | 0.5 | 1 |
| 38 | Activity recognition through intermittent distributed processing by energy harvesting PIR sensors. , 2020, , . | | 2 |
| 39 | User decision support system for on-site tourism navigation on smartphone. , 2020, , . | | 1 |
| 40 | Privacy-Aware Sensor Data Upload Management for Securely Receiving Smart Home Services. , 2020, , . | | 1 |
| 41 | Investigating effects of interactive signageâ€"based stimulation for promoting behavior change. Computational Intelligence, 2019, 35, 643-668. | 3.2 | 2 |
| 42 | Predicting Occurrence Time of Daily Living Activities Through Time Series Analysis of Smart Home Data. , 2019, , . | | 4 |
| 43 | Smart Transportation Delay and Resiliency Testbed Based on Information Flow of Things Middleware. , 2019, , . | | 3 |
| 44 | WaistonBelt X:A Belt-Type Wearable Device with Sensing and Intervention Toward Health Behavior Change. Sensors, 2019, 19, 4600. | 3.8 | 14 |
| 45 | Volleyball Setting Technique Assessment Using a Single Point Sensor. , 2019, , . | | 7 |
| 46 | BeatSync: Walking Pace Control Through Beat Synchronization between Music and Walking. , 2019, , . | | 5 |
| 47 | Evaluating Performance of In-Situ Distributed Processing on IoT Devices by Developing a Workspace Context Recognition Service. , 2019, , . | | 0 |
| 48 | Design and Implementation of Notification Information Survey System and Survey Results Toward Use-Side Adaptive Notification Management. , 2019, , . | | 0 |
| 49 | Towards Real-Time Contextual Touristic Emotion and Satisfaction Estimation with Wearable Devices. , 2019, , . | | 2 |
| 50 | QuickCareRecord: Efficient Care Recording Application with Location-based Automatic View Transition and Information Complement. , 2019, , . | | 2 |
| 51 | Strikes-Thrusts Activity Recognition Using Wrist Sensor Towards Pervasive Kendo Support System. , 2019, , . | | 7 |
| 52 | Decision making support for privacy data upload in smart home. , 2019, , . | | 4 |
| 53 | Detecting Surrounding Users by Reverberation Analysis with a Smart Speaker and Microphone Array. , 2019, , . | | 0 |
| 54 | A Smart Glove to Track Fitness Exercises by Reading Hand Palm. Journal of Sensors, 2019, 2019, 1-19. | 1.1 | 11 |

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|---|---------|----|-----------|
| 55 | Automatic Tour Video Summarization Focusing on Scene Change for Advance Touristic Experience. , 2019, , . | | 0 |
| 56 | Room measurement tool combining ultrasonic and inertial sensors in smartphones. International Journal of Ad Hoc and Ubiquitous Computing, 2019, 31, 189. | 0.5 | 0 |
| 57 | Battery-less Place Recognition System using Multiple Energy Harvesting Elements. , 2019, , . | | 1 |
| 58 | M3B corpus. , 2019, , . | | 3 |
| 59 | A Cooking Support System for Seasoning with Smart Cruet. Lecture Notes in Computer Science, 2019, , 369-382. | 1.3 | 0 |
| 60 | Identifying and Evaluating User Requirements for Smartphone Group Fitness Applications. IEEE Access, 2018, 6, 3256-3269. | 4.2 | 21 |
| 61 | Census: Continuous posture sensing chair for office workers. , 2018, , . | | 14 |
| 62 | Investigating the Capitalize Effect of Sensor Position for Training Type Recognition in a Body Weight Training Support System. , 2018, , . | | 5 |
| 63 | Multi-Stage Activity Inference for Locomotion and Transportation Analytics of Mobile Users. , 2018, , . | | 5 |
| 64 | Investigating User Reactions to Interactive-signage-based Stimulation Toward Behavior Change. , 2018, , . | | 2 |
| 65 | MutualMonitor: A Tool for Elderly People to Anonymously Monitor Each Other. , 2018, , . | | 0 |
| 66 | Feasibility Study Toward a Battery-free Place Recognition System Based on Solar Cells. , 2018, , . | | 1 |
| 67 | Design and Evaluation of In-Situ Resource Provisioning Method for Regional IoT Services. , 2018, , . | | 0 |
| 68 | GIFT: Glove for Indoor Fitness Tracking System. , 2018, , . | | 5 |
| 69 | BLE Beacon-based Activity Monitoring System toward Automatic Generation of Daily Report. , 2018, , . | | 13 |
| 70 | Designing Strategy for Resolving Maldistribution of Vehicles in One-Way Car-Sharing through Active Trip Request to Potential Users. , 2018, , . | | 1 |
| 71 | EmoTour: Estimating Emotion and Satisfaction of Users Based on Behavioral Cues and Audiovisual Data. Sensors, 2018, 18, 3978. | 3.8 | 23 |
| 72 | The influence of measurements and feature types in automatic micro-behavior recognition in meal preparation. IEEE Instrumentation and Measurement Magazine, 2018, 21, 10-14. | 1.6 | 8 |

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| 73 | Physical Burden Prediction for Cycling on Arbitrary Route. , 2018, , . | | 0 |
| 74 | In-Situ Resource Provisioning with Adaptive Scale-out for Regional IoT Services. , 2018, , . | | 10 |
| 75 | EmoTour. , 2018, , . | | 7 |
| 76 | An Energy Aware Testing Framework for Smart-Spaces. Lecture Notes in Computer Science, 2018, , 85-101. | 1.3 | 1 |
| 77 | Feasibility of human activity recognition using wearable depth cameras. , 2018, , . | | 7 |
| 78 | A Smart Fridge for Efficient Foodstuff Management with Weight Sensor and Voice Interface. , 2018, , . | | 6 |
| 79 | Real-Time Congestion Estimation in Sightseeing Spots with BLE Devices. , 2018, , . | | 3 |
| 80 | Beacon-Based Time-Spatial Recognition toward Automatic Daily Care Reporting for Nursing Homes. Journal of Sensors, 2018, 2018, 1-15. | 1.1 | 11 |
| 81 | Near Cloud: Low-cost Low-Power Cloud Implementation for Rural Area Connectivity and Data Processing. , 2018, , . | | 16 |
| 82 | Towards Estimating Emotions and Satisfaction Level of Tourist Based on Eye Gaze and Head Movement. , 2018, , . | | 5 |
| 83 | Kinect-Based Micro-Behavior Sensing System for Learning the Smart Assistance with Human Subjects Inside Their Homes. , 2018, , . | | 9 |
| 84 | Energy Harvesting Sensor Node Toward Zero Energy In-Network Sensor Data Processing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 210-215. | 0.3 | 2 |
| 85 | A Method for Simplified HRQOL Measurement by Smart Devices. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 91-98. | 0.3 | 8 |
| 86 | Heart Rate Prediction for Easy Walking Route Planning. SICE Journal of Control Measurement and System Integration, 2018, 11, 284-291. | 0.7 | 3 |
| 87 | Generating pedestrian maps of disaster areas through ad-hoc deployment of computing resources across a DTN. Computer Communications, 2017, 100, 129-142. | 5.1 | 10 |
| 88 | Toward real-time in-home activity recognition using indoor positioning sensor and power meters. , 2017, , . | | 16 |
| 89 | ALPAS: Analog-PIR-Sensor-Based Activity Recognition System in Smarthome. , 2017, , . | | 13 |
| 90 | Daily living activity recognition with ECHONET Lite appliances and motion sensors. , 2017, , . | | 14 |

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| 91 | EmoBGM: Estimating sound's emotion for creating slideshows with suitable BGM. , 2017, , . | | 0 |
| 92 | Group Detection Based on User-to-User Distance in Everyday Life for Office Lunch Group Recommendation. , 2017, , . | | 3 |
| 93 | Smart gyms need smart mirrors. , 2017, , . | | 6 |
| 94 | Edge Computing and IoT Based Research for Building Safe Smart Cities Resistant to Disasters. , 2017, , . | | 18 |
| 95 | Sensing Activities and Locations of Senior Citizens toward Automatic Daycare Report Generation. , 2017, , . | | 13 |
| 96 | Effect on Group Detection Based on Human Proximity for Human Relationship Extraction in Daily Life. , 2017, , . | | 1 |
| 97 | Develop method to predict the increase in the Nikkei VI index. , 2017, , . | | 2 |
| 98 | DeepRemote: A smart remote controller for intuitive control through home appliances recognition by deep learning. , 2017, , . | | 0 |
| 99 | SenStick: Comprehensive Sensing Platform with an Ultra Tiny All-In-One Sensor Board for IoT Research. Journal of Sensors, 2017, 2017, 1-16. | 1.1 | 33 |
| 100 | Customer Recommendation Model to Support Real Estate Salespersons for a Restaurant. Transactions of the Japanese Society for Artificial Intelligence, 2017, 32, WII-O_1-10. | 0.1 | 1 |
| 101 | Approaching vehicle detection method with acoustic analysis using smartphone for elderly bicycle driver. , 2017, , . | | 8 |
| 102 | Improving recognition accuracy for activities of daily living by adding time and area related features. , 2017, , . | | 2 |
| 103 | Smartphone-Based Food Weight and Calorie Estimation Method for Effective Food Journaling. SICE Journal of Control Measurement and System Integration, 2017, 10, 360-369. | 0.7 | 11 |
| 104 | Implementation and Evaluation of Analog-PIR-Sensor-Based Activity Recognition. SICE Journal of Control Measurement and System Integration, 2017, 10, 385-392. | 0.7 | 3 |
| 105 | Automatic Live Sport Video Streams Curation System from User Generated Media. International Journal of Multimedia Data Engineering and Management, 2016, 7, 36-52. | 0.4 | 1 |
| 106 | SenStick 2. , 2016, , . | | 0 |
| 107 | RecurChat: BLE-based message forwarding system with on-site application distribution. , 2016, , . | | 1 |
| 108 | Survey of Real-time Processing Technologies of IoT Data Streams. Journal of Information Processing, 2016, 24, 195-202. | 0.4 | 97 |

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| 109 | Implementation and evaluation of daycare report generation system based on BLE tag. , 2016, , . | | 0 |
| 110 | Low-cost and Device-free Activity Recognition System with Energy Harvesting PIR and Door Sensors. , 2016, , . | | 13 |
| 111 | Priority medical image delivery using DTN for healthcare workers in volcanic emergency. Scientific Phone Apps and Mobile Devices, 2016, 2, . | 0.5 | 4 |
| 112 | Smart experimental platform for collecting various sensing data from various things. , 2016, , . | | 0 |
| 113 | Investigating recognition accuracy improvement by adding user's acceleration data to location and power consumption-based in-home activity recognition system. , 2016, , . | | 5 |
| 114 | Happyinu: exploring how to use games and extrinsic rewards for consistent food tracking behavior. , 2016, , . | | 6 |
| 115 | Senstick: a rapid prototyping platform for sensorizing things. , 2016, , . | | 1 |
| 116 | Indoor localization based on distance-illuminance model and active control of lighting devices. , 2016, , . | | 3 |
| 117 | Milk Carton. , 2016, , . | | 1 |
| 118 | Beacon-based multi-person activity monitoring system for day care center. , 2016, , . | | 15 |
| 119 | Disaster area mapping using spatially-distributed computing nodes across a DTN. , 2016, , . | | 11 |
| 120 | Project IS^3: Incentive-Based Intelligent Intervention for Smart and Sustainable Society. , 2016, , . | | 3 |
| 121 | Middleware for Proximity Distributed Real-Time Processing of IoT Data Flows. , 2016, , . | | 7 |
| 122 | Design and Implementation of Middleware for IoT Devices toward Real-Time Flow Processing. , 2016, , . | | 15 |
| 123 | Food Weight Estimation using Smartphone and Cutlery. , 2016, , . | | 14 |
| 124 | Milk Carton: A Face Recognition-Based FTR System Using Opportunistic Clustered Computing. , 2016, , . | | 4 |
| 125 | Elderly person monitoring in day care center using Bluetooth Low Energy. , 2016, , . | | 14 |
| 126 | Waistonbelt 2: a belt-type wearable device for monitoring abdominal circumference, posture and activity. , 2016, , . | | 1 |

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| 127 | Floor vibration type estimation with piezo sensor toward indoor positioning system. , 2016, , . | | 8 |
| 128 | Development of BLE-Based Multi-hop Communication System for Detecting Slope Failure Using Smartphones. , 2016, , . | | 1 |
| 129 | COSMS. , 2016, , . | | 4 |
| 130 | CURAP: CURating geo-related information on a mAP. , 2016, , . | | 1 |
| 131 | Prioritized Medical Image Forwarding Over DTN in a Volcano Disaster. Lecture Notes in Electrical Engineering, 2016, , 431-441. | 0.4 | 2 |
| 132 | Zone-Based Living Activity Recognition Scheme Using Markov Logic Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 109-117. | 0.3 | 0 |
| 133 | A Method for Navigating Cars in Multilevel Parking Facility. Journal of Information Processing, 2015, 23, 488-496. | 0.4 | 1 |
| 134 | Phorec: Context-Aware Photography Support System Based on Social Data Analysis. Journal of Information Processing, 2015, 23, 373-380. | 0.4 | 1 |
| 135 | SakuraSensor. , 2015, , . | | 42 |
| 136 | WaistonBelt. , 2015, , . | | 3 |
| 137 | SakuraSensor. , 2015, , . | | 0 |
| 138 | Automatic Content Curation System for Multiple Live Sport Video Streams. , 2015, , . | | 3 |
| 139 | Exploring Accuracy-Cost Tradeoff in In-Home Living Activity Recognition Based on Power Consumptions and User Positions. , 2015, , . | | 11 |
| 140 | A post-haiyan community level mobility model. , 2015, , . | | 0 |
| 141 | A method for recognizing living activities in homes using positioning sensor and power meters. , 2015, , . | | 26 |
| 142 | DTN MapEx: Disaster area mapping through distributed computing over a Delay Tolerant Network. , 2015, , . | | 29 |
| 143 | Efficient Coverage of Agricultural Field with Mobile Sensors by Predicting Solar Power Generation. , 2015, , . | | 5 |
| 144 | Landscape photo classification mechanism for context-aware photography support system. , 2015, , . | | 1 |

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| 145 | RecureShare &#x2014; Internet-less application distribution mechanism for internet-less emergency communication systems. , 2015, , . | | 1 |
| 146 | Energy-Constrained Wi-Fi Offloading Method Using Prefetching. , 2014, , . | | 3 |
| 147 | Intuitive Appliance Control System Based on a High-Accuracy Indoor Positioning System. , 2014, , . | | 1 |
| 148 | Gamification-based incentive mechanism for participatory sensing. , 2014, , . | | 50 |
| 149 | Logging all the touch operations on Android. , 2014, , . | | 2 |
| 150 | Content-based data prioritization for fast disaster images collection in delay tolerant network. , 2014, , . | | 10 |
| 151 | Disaster Information Collection with Opportunistic Communication and Message Aggregation. Journal of Information Processing, 2014, 22, 106-117. | 0.4 | 23 |
| 152 | A trigger-based dynamic load balancing method for WLANs using virtualized network interfaces. , 2013, , . | | 7 |
| 153 | Saving energy in smart homes with minimal comfort level reduction. , 2013, , . | | 7 |
| 154 | PathSim: A Tool for Finding Minimal Energy Device Operation Sequence for Reaching a Target Context in a Smart-Home. , 2013, , . | | 3 |
| 155 | Estimation of overlay link quality from previously observed link qualities. , 2013, , . | | 0 |
| 156 | E-health support system for adequate caloric intake learning through simple meal survey and weight measurement. , 2013, , . | | 1 |
| 157 | Estimating heart rate variation during walking with smartphone. , 2013, , . | | 27 |
| 158 | YAMATO. , 2013, , . | | 0 |
| 159 | SS-mPMG and SS-GA: Tools for Finding Pathways and Dynamic Simulation of Metabolic Networks. Plant and Cell Physiology, 2013, 54, 728-739. | 3.1 | 5 |
| 160 | Supporting daily living activities using behavior logs and Augmented Reality. , 2013, , . | | 4 |
| 161 | Editor's Message to Special Issue on Mobile Communication and Intelligent Transport Systems for Creating a New Trend in Information and Communication Technology (ICT) Society. Journal of Information Processing, 2013, 21, 75-75. | 0.4 | 0 |
| 162 | Parking Navigation for Alleviating Congestion in Multilevel Parking Facility. , 2012, , . | | 3 |

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| 163 | Cost-efficient sensor deployment in indoor space with obstacles. , 2012, , . | | 7 |
| 164 | Emergency medical support system for visualizing locations and vital signs of patients in Mass Casualty Incident. , 2012, , . | | 5 |
| 165 | DTN-based data aggregation for timely information collection in disaster areas. , 2012, , . | | 15 |
| 166 | Energy-efficient cooperative download for smartphone users through contact time estimation. , 2012, , . | | 4 |
| 167 | Energy-Aware Cooperative Download Method among Bluetooth-Ready Mobile Phone Users. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 324-329. | 0.3 | 0 |
| 168 | Finding Good Affinity Patterns for Matchmaking Parties Assignment through Evolutionary Computation. Lecture Notes in Computer Science, 2012, , 498-507. | 1.3 | 0 |
| 169 | Maximizing users comfort levels through user preference estimation in public smartspaces. , 2011, , . | | 7 |
| 170 | Distance and time based node selection for probabilistic coverage in People-Centric Sensing. , 2011, , . | | 39 |
| 171 | HDAR: Highly Distributed Adaptive Service Replication for MANETs. IEICE Transactions on Information and Systems, 2011, E94-D, 91-103. | 0.7 | 5 |
| 172 | Probabilistic Coverage Methods in People-Centric Sensing. Journal of Information Processing, 2011, 19, 473-490. | 0.4 | 10 |
| 173 | A stamina-aware sightseeing tour scheduling method. , 2011, , . | | 0 |
| 174 | Improving mobile terrestrial TV playback quality with cooperative streaming in MANET. , 2011, , . | | 2 |
| 175 | Inter-Vehicle Communication Protocol for Cooperatively Capturing and Sharing Intersection Video. , 2010, , . | | 1 |
| 176 | Deployment planning tool for indoor 3D-WSNs. , 2010, , . | | 4 |
| 177 | UbiREMOTE. , 2010, , . | | 4 |
| 178 | A Method for Improving Data Delivery Efficiency in Delay Tolerant VANET with Scheduled Routes of Cars. , 2010, , . | | 5 |
| 179 | Video ads dissemination through WiFi-cellular hybrid networks. , 2009, , . | | 13 |
| 180 | Minimizing localization cost with mobile anchor in underwater sensor networks. , 2009, , . | | 7 |

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| 181 | Urban pedestrian mobility for mobile wireless network simulation. Ad Hoc Networks, 2009, 7, 153-170. | 5.5 | 38 |
| 182 | Extending k-Coverage Lifetime of Wireless Sensor Networks Using Mobile Sensor Nodes. , 2009, , . | | 28 |
| 183 | Range-based localization for estimating pedestrian trajectory in intersection with roadside anchors. , 2009, , . | | 3 |
| 184 | DAR: Distributed Adaptive Service Replication for MANETs. , 2009, , . | | 7 |
| 185 | A method for composing tour schedules adaptive to weather change. , 2009, , . | | 2 |
| 186 | A Method for Pedestrian Position Estimation using Inter-Vehicle Communication. , 2008, , . | | 3 |
| 187 | Hybrid Testbed Enabling Run-Time Operations for Wireless Applications. , 2008, , . | | 4 |
| 188 | Maximizing Lifetime of Wireless Sensor Networks with Mobile Sensor Nodes. , 2008, , . | | 1 |
| 189 | Transcasting: Cost-Efficient Video Multicast for Heterogeneous Mobile Terminals. , 2008, , . | | 2 |
| 190 | Efficient VANET-Based Traffic Information Sharing using Buses on Regular Routes. IEEE Vehicular Technology Conference, 2008, , . | 0.4 | 34 |
| 191 | Framework for virtual collaboration emphasized by awareness information and asynchronous interaction. , 2008, , . | | 0 |
| 192 | A Method for Assigning Men and Women with Good Affinity to Matchmaking Parties through Interactive Evolutionary Computation. Lecture Notes in Computer Science, 2008, , 645-655. | 1.3 | 1 |
| 193 | QoS adaptation in streaming 3D graphics for FAIRVIEW. , 2008, , . | | 1 |
| 194 | Congestion Alleviation Scheduling Technique for Car Drivers Based on Prediction of Future Congestion on Roads and Spots. , 2007, , . | | 13 |
| 195 | A Method for Distributed Computation of Semi-Optimal Multicast Tree in MANET. , 2007, , . | | 2 |
| 196 | Proposal of flexible implementation of genetic algorithms on FPGAs. Systems and Computers in Japan, 2007, 38, 28-38. | 0.2 | 3 |
| 197 | A Method for Sharing Traffic Jam Information using Inter-Vehicle Communication. , 2006, , . | | 25 |
| 198 | A Method for Sharing Traffic Jam Information using Inter-Vehicle Communication. , 2006, , . | | 11 |

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| 199 | Cheat detection for MMORPG on P2P environments. , 2006, , . | | 7 |
| 200 | General Architecture for Hardware Implementation of Genetic Algorithm. , 2006, , . | | 23 |
| 201 | UbiREAL: Realistic Smartspace Simulator for Systematic Testing. Lecture Notes in Computer Science, 2006, , 459-476. | 1.3 | 66 |
| 202 | A Method to Plan Group Tours with Joining and Forking. Lecture Notes in Computer Science, 2006, , 881-888. | 1.3 | 5 |
| 203 | A Delivery Method for Compound Video Playback in Wireless Network. Lecture Notes in Computer Science, 2006, , 803-812. | 1.3 | 0 |
| 204 | A Personal Navigation System with Functions to Compose Tour Schedules Based on Multiple Conflicting Criteria. IPSJ Digital Courier, 2005, 1, 528-536. | 0.3 | 9 |
| 205 | Resource-aware service composition for video multicast to heterogeneous mobile users. , 2005, , . | | 10 |
| 206 | Getting urban pedestrian flow from simple observation. , 2005, , . | | 45 |
| 207 | Energy-aware video streaming with QoS control for portable computing devices. , 2004, , . | | 30 |
| 208 | Design and Implementation of Priority Queuing Mechanism on FPGA Using Concurrent Periodic EFSMs and Parametric Model Checking. Lecture Notes in Computer Science, 2003, , 1145-1148. | 1.3 | 0 |
| 209 | QoS Functional Testing for Multi-media Systems. Lecture Notes in Computer Science, 2003, , 319-334. | 1.3 | 1 |
| 210 | Protocol animation based on event-driven visualization scenarios in real-time LOTOS. Computer Networks, 2002, 40, 639-663. | 5.1 | 2 |
| 211 | A Language for Describing Wireless Mobile Applications with Dynamic Establishment of Multi-way Synchronization Channels. Lecture Notes in Computer Science, 2002, , 607-624. | 1.3 | 3 |
| 212 | Design and Implementation of FPGA Circuits for High Speed Network Monitors. Lecture Notes in Computer Science, 2002, , 393-403. | 1.3 | 1 |
| 213 | A compiler to implement LOTOS specifications in distributed environments. Computer Networks, 2001, 36, 291-310. | 5.1 | 5 |
| 214 | Hardware implementation of communication protocols modeled by concurrent EFSMs with multi-way synchronization. , 2000, , . | | 18 |
| 215 | Hardware Implementation of Concurrent Periodic EFSMs. IFIP Advances in Information and Communication Technology, 2000, , 285-300. | 0.7 | 3 |
| 216 | Fast and Optimal Multicast-Server Selection Based on Receivers' Preference. Lecture Notes in Computer Science, 2000, , 40-52. | 1.3 | 1 |

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| 217 | Hardware Synthesis from Protocol Specifications in LOTOS. IFIP Advances in Information and Communication Technology, 1998, , 405-420. | 0.7 | 5 |
| 218 | Implementation of Distributed Systems described with LOTOS Multi-rendezvous on Bus Topology Networks. , 1997, , 161-176. | | 1 |
| 219 | A LOTOS Compiler Generating Multi-threaded Object Codes. IFIP Advances in Information and Communication Technology, 1996, , 271-286. | 0.7 | 8 |
| 220 | Automatic Live Sport Video Streams Curation System From User Generated Media. , 0, , 417-435. | | 0 |