Zhiwen Yu

List of Publications by Year in descending order

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320	8,147	108046	84171
papers	citations	37 h-index	75 g-index

323	323	323	7167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acceptance-Aware Mobile Crowdsourcing Worker Recruitment in Social Networks. IEEE Transactions on Mobile Computing, 2023, 22, 634-646.	3.9	8
2	Online Organizing Large-Scale Heterogeneous Tasks and Multi-Skilled Participants in Mobile Crowdsensing. IEEE Transactions on Mobile Computing, 2023, 22, 2892-2909.	3.9	5
3	Towards Robust Task Assignment in Mobile Crowdsensing Systems. IEEE Transactions on Mobile Computing, 2023, 22, 4297-4313.	3.9	4
4	Exploring Multi-Dimension User-Item Interactions With Attentional Knowledge Graph Neural Networks for Recommendation. IEEE Transactions on Big Data, 2023, 9, 212-226.	4.4	10
5	Online Optimal Service Selection, Resource Allocation and Task Offloading for Multi-Access Edge Computing: A Utility-Based Approach. IEEE Transactions on Mobile Computing, 2023, 22, 4150-4167.	3.9	20
6	Learning Dynamic App Usage Graph for Next Mobile App Recommendation. IEEE Transactions on Mobile Computing, 2023, 22, 4742-4753.	3.9	2
7	Multi-agent mobile crowdsensing by pervasive machines: a robust task allocation approach. CCF Transactions on Pervasive Computing and Interaction, 2023, 5, 13-30.	1.7	1
8	Which App is Going to Die? A Framework for App Survival Prediction With Multitask Learning. IEEE Transactions on Mobile Computing, 2022, 21, 728-739.	3.9	3
9	A Force-Directed Approach to Seeking Route Recommendation in Ride-on-Demand Service Using Multi-Source Urban Data. IEEE Transactions on Mobile Computing, 2022, 21, 1909-1926.	3.9	11
10	ShopSense:Customer Localization in Multi-Person Scenario With Passive RFID Tags. IEEE Transactions on Mobile Computing, 2022, 21, 1812-1828.	3.9	14
11	App Popularity Prediction by Incorporating Time-Varying Hierarchical Interactions. IEEE Transactions on Mobile Computing, 2022, 21, 1566-1579.	3.9	5
12	ISIATasker: Task Allocation for Instant-Sensingß‹nstant-Actuation Mobile Crowdsensing. IEEE Internet of Things Journal, 2022, 9, 3158-3173.	5.5	6
13	RLTIR: Activity-Based Interactive Person Identification via Reinforcement Learning Tree. IEEE Internet of Things Journal, 2022, 9, 4464-4475.	5.5	4
14	Learning Shared Mobility-Aware Knowledge for Multiple Urban Travel Demands. IEEE Internet of Things Journal, 2022, 9, 7025-7035.	5.5	5
15	Deep Learning for Sensor-based Human Activity Recognition. ACM Computing Surveys, 2022, 54, 1-40.	16.1	141
16	CrowdOS: A Ubiquitous Operating System for Crowdsourcing and Mobile Crowd Sensing. IEEE Transactions on Mobile Computing, 2022, 21, 878-894.	3.9	17
17	Data-driven Targeted Advertising Recommendation System for Outdoor Billboard. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-23.	2.9	2
18	DeepExpress: Heterogeneous and Coupled Sequence Modeling for Express Delivery Prediction. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-22.	2.9	1

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19	CrowdDesigner: information-rich and personalized product description generation. Frontiers of Computer Science, 2022, 16, 1.	1.6	0
20	SoDar: Multitarget Gesture Recognition Based on SIMO Doppler Radar. IEEE Transactions on Human-Machine Systems, 2022, 52, 276-289.	2.5	6
21	CAQ: Toward Context-Aware and Self-Adaptive Deep Model Computation for AIoT Applications. IEEE Internet of Things Journal, 2022, 9, 20801-20814.	5.5	1
22	Task Scheduling in Three-Dimensional Spatial Crowdsourcing: A Social Welfare Perspective. IEEE Transactions on Mobile Computing, 2022, , 1-1.	3.9	0
23	Fashion Meets Bot: What Should the Bot Wear?. , 2022, , .		0
24	CoupledMUTS: Coupled Multivariate Utility Time-Series Representation and Prediction. IEEE Internet of Things Journal, 2022, 9, 22972-22982.	5.5	7
25	Minimizing the Cost of Spatiotemporal Searches Based on Reinforcement Learning with Probabilistic States. Wireless Communications and Mobile Computing, 2022, 2022, 1-14.	0.8	0
26	Influence Spread in Geo-Social Networks: A Multiobjective Optimization Perspective. IEEE Transactions on Cybernetics, 2021, 51, 2663-2675.	6.2	19
27	A framework based on sparse representation model for time series prediction in smart city. Frontiers of Computer Science, 2021, 15, 1.	1.6	15
28	Fusion of heterogeneous attention mechanisms in multi-view convolutional neural network for text classification. Information Sciences, 2021, 548, 295-312.	4.0	39
29	A multi-view attention-based deep learning system for online deviant content detection. World Wide Web, 2021, 24, 205-228.	2.7	4
30	The mass, fake news, and cognition security. Frontiers of Computer Science, 2021, 15, 1.	1.6	10
31	Location Selection for Air Quality Monitoring with Consideration of Limited Budget and Estimation Error. IEEE Transactions on Mobile Computing, 2021, , 1-1.	3.9	5
32	Humanâ€“machine computing. CCF Transactions on Pervasive Computing and Interaction, 2021, 3, 1-12.	1.7	7
33	Ischemic Stroke Prediction by Exploring Sleep Related Features. Applied Sciences (Switzerland), 2021, 11, 2083.	1.3	2
34	Gesture-Radar: A Dual Doppler Radar Based System for Robust Recognition and Quantitative Profiling of Human Gestures. IEEE Transactions on Human-Machine Systems, 2021, 51, 32-43.	2.5	29
35	AdaSpring. , 2021, 5, 1-22.		6
36	MetaStore: A Task-adaptative Meta-learning Model for Optimal Store Placement with Multi-city Knowledge Transfer. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-23.	2.9	8

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37	Knowledge Transfer with Weighted Adversarial Network for Cold-Start Store Site Recommendation. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-27.	2.5	2
38	DeepDepict. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-16.	2.5	2
39	Jointly Optimizing Throughput and Content Delivery Cost Over Lossy Cache Networks. IEEE Transactions on Communications, 2021, 69, 3846-3863.	4.9	2
40	Mobile App Cross-Domain Recommendation with Multi-Graph Neural Network. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-21.	2.5	14
41	Energy-efficient Collaborative Sensing: Learning the Latent Correlations of Heterogeneous Sensors. ACM Transactions on Sensor Networks, 2021, 17, 1-28.	2.3	5
42	Object Tracking by the Least Spatiotemporal Searches. IEEE Internet of Things Journal, 2021, 8, 12934-12946.	5.5	4
43	ModalNet: an aspect-level sentiment classification model by exploring multimodal data with fusion discriminant attentional network. World Wide Web, 2021, 24, 1957-1974.	2.7	21
44	Keeping Cell Selection Model Up-to-Date to Adapt to Time-Dependent Environment in Sparse Mobile Crowdsensing. IEEE Internet of Things Journal, 2021, 8, 13914-13925.	5.5	12
45	Spatial Community-Informed Evolving Graphs for Demand Prediction. Lecture Notes in Computer Science, 2021, , 440-456.	1.0	3
46	The Future of False Information Detection on Social Media. ACM Computing Surveys, 2021, 53, 1-36.	16.1	52
47	Robust Detection of Malicious URLs with Self-Paced Wide & Deep Learning. IEEE Transactions on Dependable and Secure Computing, 2021, , 1-1.	3.7	3
48	Task Execution Quality Maximization for Mobile Crowdsourcing in Geo-Social Networks. Proceedings of the ACM on Human-Computer Interaction, 2021, 5, 1-29.	2.5	2
49	Crowdsensing 2.0. Communications of the ACM, 2021, 64, 76-80.	3.3	37
50	Decentralized Multi-AGV Task Allocation based on Multi-Agent Reinforcement Learning with Information Potential Field Rewards. , 2021, , .		8
51	Friendship Understanding by Smartphone-based Interactions: A Cross-space Perspective. , 2021, , .		1
52	JointCS: Joint Search for Deep Model Compression and Segmentation on Heterogeneous IoT Devices. , 2021, , .		0
53	Traffic Congestion Prediction: A Spatial-Temporal Context Embedding and Metric Learning Approach. , 2021, , .		1
54	Detection of Behavior Aging from Keystroke Dynamics. , 2021, , .		0

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55	Modeling Analysis Based on Live Broadcast Paid Gifting Behavior. , 2021, , .		0
56	MetaProfiling: Inferring User Profiles with Few-Shot Data. , 2021, , .		0
57	HuMachineSensing: A Novel Mobile Crowdsensing Framework with Robust Task Allocation Algorithm. , 2021, , .		0
58	Efficiently Targeted Billboard Advertising Using Crowdsensing Vehicle Trajectory Data. IEEE Transactions on Industrial Informatics, 2020, 16, 1058-1066.	7.2	37
59	ROD-Revenue: Seeking Strategies Analysis and Revenue Prediction in Ride-on-Demand Service Using Multi-Source Urban Data. IEEE Transactions on Mobile Computing, 2020, 19, 2202-2220.	3.9	45
60	Spotlight: Hot target discovery and localization with crowdsourced photos. Tsinghua Science and Technology, 2020, 25, 68-80.	4.1	5
61	From crowdsourcing to crowdmining: using implicit human intelligence for better understanding of crowdsourced data. World Wide Web, 2020, 23, 1101-1125.	2.7	8
62	GroupShop: monitoring group shopping behavior in real world using mobile devices. Journal of Ambient Intelligence and Humanized Computing, 2020, , 1.	3.3	3
63	Alohomora: Motion-Based Hotword Detection in Head-Mounted Displays. IEEE Internet of Things Journal, 2020, 7, 611-620.	5.5	3
64	Estimating posterior inference quality of the relational infinite latent feature model for overlapping community detection. Frontiers of Computer Science, 2020, 14, 1.	1.6	3
65	Task allocation for crowdsensing based on submodular optimisation. International Journal of Ad Hoc and Ubiquitous Computing, 2020, 33, 48.	0.3	1
66	RaCon: A gesture recognition approach via Doppler radar for intelligent human-robot interaction. , 2020, , .		7
67	Behavioral Biometrics for Continuous Authentication in the Internet-of-Things Era: An Artificial Intelligence Perspective. IEEE Internet of Things Journal, 2020, 7, 9128-9143.	5.5	84
68	DeepStore: Understanding Customer Behaviors in Unmanned Stores. IT Professional, 2020, 22, 55-63.	1.4	8
69	The Framework of Increasing Driversâ€™ Income on the Online Taxi Platforms. IEEE Transactions on Network Science and Engineering, 2020, 7, 2182-2191.	4.1	6
70	Co-Tracking: Target Tracking via Collaborative Sensing of Stationary Cameras and Mobile Phones. IEEE Access, 2020, , 1-1.	2.6	2
71	Human Behavior Analysis: Sensing and Understanding. , 2020, , .		9
72	Correcting Biases in Online Social Media Data Based on Target Distributions in the Physical World. IEEE Access, 2020, 8, 15256-15264.	2.6	5

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73	The Influence of Text Length on Text Classification Model. Communications in Computer and Information Science, 2020, , 79-90.	0.4	2
74	Hybrid Human-Artificial Intelligence. Computer, 2020, 53, 14-17.	1.2	10
75	Inferring Lifetime Status of Point-of-Interest. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-27.	2.5	9
76	Neural Serendipity Recommendation. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-25.	2.5	17
77	Adversarial Multi-view Networks for Activity Recognition. , 2020, 4, 1-22.		26
78	Behavior Fingerprints Based Smartphone User Authentication: A Review. Lecture Notes in Computer Science, 2020, , 303-317.	1.0	0
79	Device-Free Behavior Recognition. , 2020, , 27-35.		0
80	Sensor-Based Behavior Recognition. , 2020, , 17-25.		1
81	Modeling Multivariate Time Series via Prototype Learning: a Multi-Level Attention-based Perspective. , 2020, , .		0
82	Interpretable Multivariate Time Series Classification Based on Prototype Learning. Lecture Notes in Computer Science, 2020, , 205-216.	1.0	1
83	Individual Behavior Recognition. , 2020, , 37-137.		0
84	MI-KGNN: Exploring Multi-dimension Interactions for Recommendation Based on Knowledge Graph Neural Networks. Lecture Notes in Computer Science, 2020, , 155-170.	1.0	1
85	Compact Scheduling for Task Graph Oriented Mobile Crowdsourcing. IEEE Transactions on Mobile Computing, 2020, , 1-1.	3.9	6
86	MGCN4REC: Multi-graph Convolutional Network for Next Basket Recommendation with Instant Interest. Lecture Notes in Computer Science, 2020, , 171-185.	1.0	2
87	Open Issues and Emerging Trends. , 2020, , 261-271.		0
88	Group Behavior Recognition. , 2020, , 139-218.		0
89	MateBot: The Design of a Human-Like, Context-Sensitive Virtual Bot for Harmonious Human-Computer Interaction. Lecture Notes in Computer Science, 2020, , 273-287.	1.0	0
90	Context-aware adaptation of deep learning models for IoT devices. Scientia Sinica Informationis, 2020, 50, 1629.	0.2	2

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91	Learning Latent Correlation of Heterogeneous Sensors Using Attention based Temporal Convolutional Network. , 2020, , .		0
92	CrowdDepict: Know What and How to Generate Personalized and Logical Product Description using Crowd intelligence. , 2020, , .		0
93	FooDNet: Toward an Optimized Food Delivery Network Based on Spatial Crowdsourcing. IEEE Transactions on Mobile Computing, 2019, 18, 1288-1301.	3.9	72
94	Multi-Channel Based Sybil Attack Detection in Vehicular Ad Hoc Networks Using RSSI. IEEE Transactions on Mobile Computing, 2019, 18, 362-375.	3.9	73
95	DeepStore: An Interaction-Aware Wide&Deep Model for Store Site Recommendation With Attentional Spatial Embeddings. IEEE Internet of Things Journal, 2019, 6, 7319-7333.	5.5	20
96	Housing Demand Estimation Based on Express Delivery Data. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-25.	2.5	2
97	Enhancing Mobile App User Understanding and Marketing With Heterogeneous Crowdsourced Data: A Review. IEEE Access, 2019, 7, 68557-68571.	2.6	11
98	CrowDNet: Enabling a Crowdsourced Object Delivery Network Based on Modern Portfolio Theory. IEEE Internet of Things Journal, 2019, 6, 9030-9041.	5.5	14
99	Ten scientific problems in human behavior understanding. CCF Transactions on Pervasive Computing and Interaction, 2019, 1, 3-9.	1.7	17
100	Collaborative Mobile Crowdsensing in Opportunistic D2D Networks. ACM Transactions on Sensor Networks, 2019, 15, 1-30.	2.3	23
101	Mining social networks for local search and location-based recommender systems. Personal and Ubiquitous Computing, 2019, 23, 179-180.	1.9	3
102	CrowdGuard: Characterization and Early Detection of Collective Content Polluters in Online Social Networks. , 2019, , .		2
103	Traffic-Based Side-Channel Attack in Video Streaming. IEEE/ACM Transactions on Networking, 2019, 27, 972-985.	2.6	20
104	CrowdTracking: Real-Time Vehicle Tracking Through Mobile Crowdsensing. IEEE Internet of Things Journal, 2019, 6, 7570-7583.	5.5	41
105	Harnessing the Power of the General Public for Crowdsourced Business Intelligence: A Survey. IEEE Access, 2019, 7, 26606-26630.	2.6	18
106	Inferring User Profile Attributes From Multidimensional Mobile Phone Sensory Data. IEEE Internet of Things Journal, 2019, 6, 5152-5162.	5.5	22
107	Selecting Sensing Location Leveraging Spatial and Cross-Domain Correlations. , 2019, , .		0
108	Measures to Improve Outdoor Crowdsourcing Photo Collection on Smart Phones. , 2019, , .		1

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109	AI-Powered Text Generation for Harmonious Human-Machine Interaction: Current State and Future Directions. , 2019, , .		3
110	CrowdTravel: Leveraging Cross-Modal CrowdSourced Data for Fine-Grained and Context-Based Travel Route Recommendation. , 2019, , .		1
111	CrackSense: A CrowdSourcing Based Urban Road Crack Detection System. , 2019, , .		2
112	Dynamic Allocation for Complex Mobile Crowdsourcing Task with Internal Dependencies. , 2019, , .		3
113	Failure-Aware Mobile Crowd Sensing: A Social Relationship-Based Transfer Approach. IEEE Access, 2019, 7, 186615-186625.	2.6	2
114	Characterizing Collective Knowledge Sharing Behaviors in Social Network. , 2019, , .		5
115	ViHand: Gesture Recognition with Ambient Light. , 2019, , .		5
116	Leveraging User Profiling in Click-through Rate Prediction Based on Zhihu Data. , 2019, , .		2
117	Crowdchain: A Location Preserve Anonymous Payment System Based on Permissioned Blockchain. , 2019, , .		6
118	Leverage Temporal Convolutional Network for the Representation Learning of URLs. , 2019, , .		3
119	A location-constrained crowdsensing task allocation method for improving user satisfaction. International Journal of Distributed Sensor Networks, 2019, 15, 155014771988398.	1.3	3
120	CityGuard. , 2019, 3, 1-21.		11
121	AcousticID. , 2019, 3, 1-25.		36
122	CompetitiveBike: Competitive Analysis and Popularity Prediction of Bike-Sharing Apps Using Multi-Source Data. IEEE Transactions on Mobile Computing, 2019, 18, 1760-1773.	3.9	19
123	A continuous smartphone authentication method based on gait patterns and keystroke dynamics. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4417-4430.	3.3	42
124	Fine-grained Emotion Role Detection Based on Retweet Information. ACM Transactions on Internet Technology, 2019, 19, 1-23.	3.0	2
125	Dynamic Talent Flow Analysis with Deep Sequence Prediction Modeling. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1926-1939.	4.0	32
126	Enabling non-invasive and real-time human-machine interactions based on wireless sensing and fog computing. Personal and Ubiquitous Computing, 2019, 23, 29-41.	1.9	7

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127	BehaveSense: Continuous authentication for security-sensitive mobile apps using behavioral biometrics. Ad Hoc Networks, 2019, 84, 9-18.	3.4	47
128	Heterogeneous Multi-Task Assignment in Mobile Crowdsensing Using Spatiotemporal Correlation. IEEE Transactions on Mobile Computing, 2019, 18, 84-97.	3.9	108
129	Multi-agent Attentional Activity Recognition. , 2019, , .		20
130	Neural Network based Continuous Conditional Random Field for Fine-grained Crime Prediction. , 2019, , .		24
131	Talents Recommendation with Multi-Aspect Preference Learning. Lecture Notes in Computer Science, 2019, , 409-423.	1.0	4
132	CompetitiveBike: Competitive Prediction of Bike-Sharing Apps Using Heterogeneous Crowdsourced Data. Lecture Notes in Computer Science, 2019, , 241-255.	1.0	0
133	Characterizing Urban Youth Based on Express Delivery Data. Communications in Computer and Information Science, 2019, , 351-362.	0.4	0
134	An Attention-Based User Profiling Model by Leveraging Multi-modal Social Media Contents. Communications in Computer and Information Science, 2019, , 272-284.	0.4	2
135	BoardWatch. , 2019, , .		1
136	AppLens 2019. , 2019, , .		0
137	Overlapping community detection for count-value networks. Human-centric Computing and Information Sciences, 2019, 9, .	6.1	0
138	FreeSense: human-behavior understanding using Wi-Fi signals. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 1611-1622.	3.3	13
139	Mobile crowd sensing task optimal allocation: a mobility pattern matching perspective. Frontiers of Computer Science, 2018, 12, 231-244.	1.6	33
140	CrowdTracker: Optimized Urban Moving Object Tracking Using Mobile Crowd Sensing. IEEE Internet of Things Journal, 2018, 5, 3452-3463.	5.5	44
141	Improving Existing Collaborative Filtering Recommendations via Serendipity-Based Algorithm. IEEE Transactions on Multimedia, 2018, 20, 1888-1900.	5.2	33
142	Recognition of Human Computer Operations Based on Keystroke Sensing by Smartphone Microphone. IEEE Internet of Things Journal, 2018, 5, 1156-1168.	5.5	18
143	Identifying On-Site Users for Social Events: Mobility, Content, and Social Relationship. IEEE Transactions on Mobile Computing, 2018, 17, 2055-2068.	3.9	32
144	Participant selection for t-sweep k-coverage crowd sensing tasks. World Wide Web, 2018, 21, 741-758.	2.7	11

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145	CityTransfer. , 2018, 1, 1-23.		66
146	Cyber-physical-social collaborative sensing: from single space to cross-space. Frontiers of Computer Science, 2018, 12, 609-622.	1.6	16
147	Task Allocation in Spatial Crowdsourcing: Current State and Future Directions. IEEE Internet of Things Journal, 2018, 5, 1749-1764.	5.5	113
148	Recognition of Group Mobility Level and Group Structure with Mobile Devices. IEEE Transactions on Mobile Computing, 2018, 17, 884-897.	3.9	36
149	CrowdTravel: scenic spot profiling by using heterogeneous crowdsourced data. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 2051-2060.	3.3	10
150	Inferring Housing Demand based on Express Delivery Data. , 2018, , .		2
151	Enabling Efficient Stroke Prediction by Exploring Sleep Related Features. , 2018, , .		2
152	Spotlight: Multiple-Object Localization by Mobile Photo Fusion. , 2018, , .		0
153	Gesture-Radar: Enabling Natural Human-Computer Interactions with Radar-Based Adaptive and Robust Arm Gesture Recognition. , 2018, , .		17
154	Modeling and Forecasting the Popularity Evolution of Mobile Apps. , 2018, 2, 1-23.		9
155	CrowdNavi. Proceedings of the ACM on Human-Computer Interaction, 2018, 2, 1-23.	2.5	6
156	Commercial Site Recommendation Based on Neural Collaborative Filtering. , 2018, , .		9
157	Interpretable Parallel Recurrent Neural Networks with Convolutional Attentions for Multi-Modality Activity Modeling. , 2018, , .		21
158	Proposal for Workshop on AppLens. , 2018, , .		0
159	EmotionSense: Emotion Recognition Based on Wearable Wristband. , 2018, , .		39
160	An Integrated Model for Crime Prediction Using Temporal and Spatial Factors. , 2018, , .		25
161	CrowdPop. , 2018, , .		0
162	LuckyPhoto. , 2018, , .		2

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163	FreeSense. , 2018, 2, 1-23.		56
164	Walls Have Ears: Traffic-based Side-channel Attack in Video Streaming. , 2018, , .		28
165	Behavior Recognition Based on Wi-Fi CSI: Part 2. , 2018, 56, 108-108.		8
166	Multi-Objective Optimization Based Allocation of Heterogeneous Spatial Crowdsourcing Tasks. IEEE Transactions on Mobile Computing, 2018, 17, 1637-1650.	3.9	104
167	Wi-Fi CSI-Based Behavior Recognition: From Signals and Actions to Activities. , 2018, 56, 109-115.		115
168	Extracting Job Title Hierarchy from Career Trajectories: A Bayesian Perspective. , 2018, , .		8
169	Activity Recognition Using Ubiquitous Sensors. , 2018, , 199-230.		2
170	NASR: NonAuditory Speech Recognition with Motion Sensors in Head-Mounted Displays. Lecture Notes in Computer Science, 2018, , 754-759.	1.0	0
171	Shop-Type Recommendation Leveraging the Data from Social Media and Location-Based Services. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-21.	2.5	33
172	A Generic Framework for Constraint-Driven Data Selection in Mobile Crowd Photographing. IEEE Internet of Things Journal, 2017, , 1-1.	5.5	37
173	Moving Destination Prediction Using Sparse Dataset. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-33.	2.5	33
174	GreenPlanner: Planning personalized fuel-efficient driving routes using multi-sourced urban data. , 2017, , .		8
175	SentiStory: multi-grained sentiment analysis and event summarization with crowdsourced social media data. Personal and Ubiquitous Computing, 2017, 21, 97-111.	1.9	15
176	ActiveCrowd: A Framework for Optimized Multitask Allocation in Mobile Crowdsensing Systems. IEEE Transactions on Human-Machine Systems, 2017, 47, 392-403.	2.5	193
177	CrowdTracker. , 2017, , .		3
178	CrowdWatch: Dynamic Sidewalk Obstacle Detection Using Mobile Crowd Sensing. IEEE Internet of Things Journal, 2017, 4, 2159-2171.	5.5	26
179	Voiceprint: A Novel Sybil Attack Detection Method Based on RSSI for VANETs. , 2017, , .		31
180	The Emergence of Visual Crowdsensing: Challenges and Opportunities. IEEE Communications Surveys and Tutorials, 2017, 19, 2526-2543.	24.8	71

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181	Poster: FooDNet. , 2017, , .		12
182	CrowdStory. , 2017, 1, 1-19.		13
183	Participant Selection for Information Diffusion Based on Topic and Emotion Preference Learning. , 2017, , .		1
184	Worker-Contributed Data Utility Measurement for Visual Crowdsensing Systems. IEEE Transactions on Mobile Computing, 2017, 16, 2379-2391.	3.9	59
185	TaskMe: Toward a dynamic and quality-enhanced incentive mechanism for mobile crowd sensing. International Journal of Human Computer Studies, 2017, 102, 14-26.	3.7	76
186	Sensing keyboard input for computer activity recognition with a smartphone. , 2017, , .		5
187	Target Distribution Guided Network Sampling. , 2017, , .		0
188	Detecting Type and Size of Road Crack with the Smartphone. , 2017, , .		5
189	Discovery of booming and decaying point-of-interest with human mobility data. , 2017, , .		2
190	TinySense: Multi-user respiration detection using Wi-Fi CSI signals. , 2017, , .		23
191	Behavior Recognition Based on Wi-Fi CSI: Part 1. , 2017, 55, 90-90.		9
192	Forecasting the rise and fall of volatile point-of-interests. , 2017, , .		3
193	CrowdSafe: Detecting extreme driving behaviors based on mobile crowdsensing. , 2017, , .		11
194	CHIP: A children identification system based on mobile phone sensory data. , 2017, , .		1
195	The emergence of visual-based localization and navigation using smartphone sensing. , 2017, , .		2
196	Assessing the severity of sleep apnea syndrome based on ballistocardiogram. PLoS ONE, 2017, 12, e0175351.	1.1	24
197	Toward estimating user-social event distance. , 2016, , .		4
198	From Mobile Phone Sensing to Human Geoâ€Social Behavior Understanding. Computational Intelligence, 2016, 32, 240-258.	2.1	7

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199	Investigating collaboration evolution in UbiComp research. , 2016, , .		0
200	What Is My Next Job: Predicting the Company Size and Position in Career Changes. , 2016, , .		2
201	TaskMe. , 2016, , .		126
202	FreeSense: Indoor Human Identification with Wi-Fi Signals. , 2016, , .		78
203	Enhanced User Context-Aware Reputation Measurement of Multimedia Service. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-18.	3.0	2
204	PublicSense: A Crowd Sensing Platform for Public Facility Management in Smart Cities. , 2016, , .		6
205	MobiGroup: Enabling Lifecycle Support to Social Activity Organization and Suggestion With Mobile Crowd Sensing. IEEE Transactions on Human-Machine Systems, 2016, 46, 390-402.	2.5	40
206	SmartSwim: An Infrastructure-Free Swimmer Localization System Based on Smartphone Sensors. Lecture Notes in Computer Science, 2016, , 222-234.	1.0	3
207	Special issue introduction. Pervasive and Mobile Computing, 2016, 26, 1-2.	2.1	0
208	Group mobility classification and structure recognition using mobile devices. , 2016, , .		11
209	PicPick: a generic data selection framework for mobile crowd photography. Personal and Ubiquitous Computing, 2016, 20, 325-335.	1.9	9
210	WhozDriving: Abnormal Driving Trajectory Detection by Studying Multi-faceted Driving Behavior Features. Lecture Notes in Computer Science, 2016, , 135-144.	1.0	1
211	CooperSense: A Cooperative and Selective Picture Forwarding Framework Based on Tree Fusion. International Journal of Distributed Sensor Networks, 2016, 12, 6968014.	1.3	3
212	Mobile crowd photographing: another way to watch our world. Science China Information Sciences, 2016, 59, 1.	2.7	6
213	Towards Context-Aware Mobile Web Browsing. Wireless Personal Communications, 2016, 91, 187-203.	1.8	2
214	Toward real-time and cooperative mobile visual sensing and sharing. , 2016, , .		31
215	Talent Circle Detection in Job Transition Networks. , 2016, , .		45
216	CrowdStory. , 2016, , .		5

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217	CrowdWatch. , 2016, , .		11
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