Koichi Kurumatani

List of Publications by Year
in descending order

39 papers	326 citations	1162889 8 h-index	1125617 13 g-index
42 all docs	42 docs citations	42 times ranked	190 citing authors

#	Article	IF	Citations
1	Indoor Emergency Evacuation Service on Autonomous Navigation System using Mobile Phone. , 2008, , .		56
2	Smooth traffic flow with a cooperative car navigation system. , 2005, , .		48
3	Time series forecasting of agricultural product prices based on recurrent neural networks and its evaluation method. SN Applied Sciences, 2020, 2, 1.	1.5	28
4	Modeling of Theme Park Problem with Multiagent for Mass User Support. Lecture Notes in Computer Science, 2004, , 48-69.	1.0	23
5	Mass User Support by Social Coordination among Citizens in a Real Environment. Lecture Notes in Computer Science, 2004, , 1-17.	1.0	21
6	Investigation of Global Performance Affected by Congestion Avoiding Behavior in Theme Park Problem. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 1922-1929.	0.1	16
7	Indoor Positioning System Using Beacon Devices for Practical Pedestrian Navigation on Mobile Phone. Lecture Notes in Computer Science, 2009, , 251-265.	1.0	15
8	ZigBee based indoor localization with particle filter estimation. , 2010, , .		10
9	CONSORTS: A Multiagent Architecture for Service Coordination in Ubiquitous Computing. Lecture Notes in Computer Science, 2004, , 190-216.	1.0	10
10	Distributed Visitors Coordination System in Theme Park Problem. Lecture Notes in Computer Science, 2005, , 335-348.	1.0	9
11	Spatio-temporal sensor data management for context-aware services. , 2006, , .		9
12	Market micro-structure analysis by multiagent simulation in X-Economy â€“â€“ comparison among technical indices. Information Sciences, 2005, 170, 65-74.	4.0	8
13	Effect of Using Route Information Sharing to Reduce Traffic Congestion. Lecture Notes in Computer Science, 2004, , 86-104.	1.0	8
14	CONSORTS-S: A mobile sensing platform for context-aware services. , 2008, , .		6
15	A System for Detecting Unusual Sounds from Sound Environment Observed by Microphone Arrays. , 2009, , .		6
16	An Investigation into the Use of Group Dynamics for Solving Social Dilemmas. Lecture Notes in Computer Science, 2005, , 185-194.	1.0	6
17	ComPass system. , 2008, , .		5
18	A peer-to-peer telecare system using smart watches and wireless biosensors. Health and Technology, 2018, 8, 317-328.	2.1	5

#	Article	IF	Citations
19	Analysis of the Effect of Route Information Sharing on Reduction of Traffic Congestion. , 2005, , 99-111.		5
20	SENSORD/Stat: Combining sensor middleware with a statistical computing environment. , 2008, , .		4
21	A Method for Designing Ant Colony Models and Two Examples of Its Application. Lecture Notes in Computer Science, 2005, , 530-539.	1.0	4
22	Handling Spatio-temporal Sensor Data in Global Geographical Context with SENSORD. Lecture Notes in Computer Science, 2007, , 33-44.	1.0	4
23	Time Series Prediction of Agricultural Products Price Based on Time Alignment of Recurrent Neural Networks. , 2018, , .		3
24	Agents that Coordinate Devices, Services, and Humans in Ubiquitous Computing. Lecture Notes in Computer Science, 2004, , 167-182.	1.0	3
25	Toward Mobile Sensor Fusion Platform for Context-Aware Services. , 0, , .		3
26	A study on effects of market systems in an artificial market. New Generation Computing, 2005, 23, 23-32.	2.5	2
27	Location–aware middle agents in pervasive computing. International Journal of Pervasive Computing and Communications, 2007, 2, 149-162.	1.1	2
28	Emergence and stability of key currency in artificial international trade. New Generation Computing, 2005, 23, 13-22.	2.5	1
29	Effect of Mutual Choice Metanorm in Group Dynamics for Solving Social Dilemmas. , 2005, , 37-47.		1
30	Agents That Coordinate Web Services in Ubiquitous Computing. Lecture Notes in Computer Science, 2005, , 131-145.	1.0	1
31	Estimation of Fall History by Plantar Pressure DuringWalking Based on Auto Encoder and Principal Component Analysis. , 2021, , .		1
32	Analysis of Learning Types in an Artificial Market. Lecture Notes in Computer Science, 2005, , 145-158.	1.0	1
33	Multiagent analysis for effect of cogeneration spread in an electricity market. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2006, 156, 61-74.	0.2	0
34	Proposal of Mobile Content Delivery Based on Location Estimation with Active RFID. , 2008, , .		0
35	Web-based integrated visualization service for monitoring urban public spaces. , 2015, , .		0
36	Information Sharing for Smooth Traffic in Road Networks. Lecture Notes in Computer Science, 2006, , 330-339.	1.0	0

#	Article	IF	Citations
37	Network Design via Flow Optimization. Studies in Computational Intelligence, 2007, , 115-128.	0.7	0
38	Multi-Agent Social Simulation. , 2010, , 703-729.		0
39	A Modified Eigenvector Method for Blind Deconvolution of MIMO Systems Using the Matrix Pseudo-Inversion Lemma. Circuits and Systems, 2011, 02, 7-13.	0.1	0