Takahiro Yakoh

List of Publications by Year
in descending order

		1478505	1199594
57 papers	345 citations	6 h-index	12 g-index
58 all docs	58 docs citations	58 times ranked	145 citing authors

#	ARTICLE	IF	CITATIONS
1	Re‑shooting Resistant Blind Watermarking Framework Based on Feature Separation With Gaussian Mixture Model. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 556-565.	1.4	4
2	Saliency Prediction based on Object Recognition and Gaze Analysis. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 76-84.	0.2	0
3	Saliency prediction based on object recognition and gaze analysis. Electronics and Communications in Japan, 2021, 104, e12303.	0.5	1
4	A precise time synchronization method for real-time schedulers. Electronics and Communications in Japan, 2018, 101, 21-29.	0.5	1
5	Frame transmission time control for TDMA-based ethernet. , 2018, , .		1
6	Position and velocity measurement method from a single image using modulated illumination. , 2018, , .		0
7	Implementation of schedule management mechanism for S-TDMA switch. , 2018, , .		0
8	A Precise Time Synchronization Method for Real-Time Schedulers. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 695-702.	0.2	2
9	Integration of existing ethernet devices into time-division-multiplexing ethernet. , 2017, , .		2
10	A Stochastic Performance Estimation Method for Wireless Multi-hop Network. IEEJ Transactions on Electronics, Information and Systems, 2017, 137, 701-708.	0.2	1
11	Performance evaluation of TCP/IP over time-division multiplexing Ethernet. , 2016, , .		3
12	Selective sending block determination method based on quad-tree structure for live video streaming systems. , 2015, , .		1
13	Parallel implementation of real-time communication and IP communication by using multiple ring buffers. , 2014, , .		7
14	Feedback Controller With Low-Pass-Filter-Based Delay Regulation for Networked Control Systems. IEEE Transactions on Industrial Electronics, 2014, 61, 3744-3752.	7.9	16
15	Design and Evaluation of Binocular Stereoscopic System with Variable Vergence Mechanism for Near-Field Operation. IEEJ Transactions on Industry Applications, 2014, 134, 792-800.	0.2	1
16	Parallel Implementation of Real-Time Communication and IP Communication by using Multiple Ring Buffers. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1031-1038.	0.2	0
17	Selecting Method of Sending Block Images Based on Time-Domain Frequency Estimation for Low Delay Live Video Streaming System. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1888-1896.	0.2	1
18	End‑to‑End Flow Control for Visual‑Haptic Communication in the Presence of Bandwidth Change. Electronics and Communications in Japan, 2013, 96, 26-34.	0.5	2

#	Article	IF	Citations
19	PD controller with LPF based jitter buffer for real-time communication. , 2012, , .		2
20	GPGPU aided method for real-time systems. , 2012, , .		2
21	Multiple description coding with delta-sigma modulation. , 2012, , .		0
22	Minimum delay switch for Synchronous TDMA network. , 2012, , .		6
23	End-to-End Flow Control for Visual-Haptic Communication under Bandwidth Change. IEEJ Transactions on Industry Applications, 2012, 132, 600-606.	0.2	0
24	Methods for Reducing Operational Forces in Force-Sensorless Bilateral Control with Thrust Wires for Two-Degree-of-Freedom Remote Robots. Advances in Intelligent and Soft Computing, 2012, , 91-107.	0.2	0
25	Three ratio configuration methods for Multiple Description Correlating Transform coding. , 2011, , .		0
26	Ratio configurable multiple description correlating transforms coding. , 2011, , .		2
27	Optimal dynamic quantizer based acceleration control with narrow bandwidth. , 2011, , .		4
28	Auditory decorator of complex sounds for teleoperation systems. , 2011, , .		0
29	A detection method of active queue management in communication paths. , 2010, , .		3
30	Development of 16-DOF telesurgical forceps master/slave robot with haptics. , 2010, , .		11
31	Data transmission using priority queue for multi-DOF haptic communication. , 2010, , .		0
32	End-to-End Flow Control Using PI Controller for Servo Control over Networks. IEEJ Transactions on Industry Applications, 2010, 130, 268-276.	0.2	3
33	End-to-end flow control using PI controller for force control system over TCP/IP network. , 2009, , .		5
34	Fault tolerant multipath routing with overlap-aware path selection and dynamic packet distribution on overlay network for real-time streaming applications. , 2008, , .		1
35	Implementation and evaluation of decorators for delayed live streaming video on remote control system. , 2008, , .		4
36	Low delay live video streaming system for interactive use. , 2008, , .		15

#	Article	IF	Citations
37	COOPERATIVE ROUTE SEARCHING SYSTEM CONSIDERING DYNAMICS OF TRAFFIC FLOW. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 43-48.	0.4	0
38	Fairness and Utilization in Multipath Network Flow Optimization. , 2006, , .		5
39	Bilateral Teleoperation through Networks. IEEJ Transactions on Industry Applications, 2006, 126, 161-167.	0.2	9
40	Bilateral Robot System on the Real-Time Network Structure. IEEE Transactions on Industrial Electronics, 2004, 51, 940-946.	7.9	61
41	Configuration and readhesion control for a mobile robot with external sensors. IEEE Transactions on Industrial Electronics, 2002, 49, 241-247.	7.9	6
42	Dynamic model of decentralized systems with informational connection. IEEE Transactions on Industrial Electronics, 2002, 49, 707-715.	7.9	14
43	A Cooperative Task with Vehicle and Arm in a Mobile Manipulator. IEEJ Transactions on Industry Applications, 2001, 121, 377-382.	0.2	1
44	A Study on the Application of Electro-Rheological Fluids to Clutch Systems.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2001, 67, 1627-1632.	0.2	0
45	Dynamic Model of Informationally Connected Systems. IEEJ Transactions on Industry Applications, 2000, 120, 19-28.	0.2	15
46	An Expression of Dynamical System Connection in Decentralized Autonomous Control. IEEJ Transactions on Industry Applications, 2000, 120, 80-87.	0.2	21
47	ÃŽÂ¼-PULSER: A reactive operating system for personal robots. Systems and Computers in Japan, 1995, 26, 1-10.	0.2	1
48	A new reactive operating system for human-robot interaction. Advanced Robotics, 1993, 8, 371-383.	1.8	3
49	Application of electro-rheological fluids to flexible mount and damper devices. , 0, , .		2
50	A sensorless force control in twin drive system. , 0, , .		17
51	A real-time communication mechanism for RTLinux. , 0, , .		14
52	A comparison study between parallel and serial linked structures in biped robot system. , 0, , .		13
53	Analysis and synthesis of decentralized systems with informational connection. , 0, , .		3
54	Synchronized TDMA in multi hop network to stabilize transmission time. , 0, , .		4

#	Article	IF	Citations
55	Real-time network system by responsive processor and its application to bilateral robot control. , 0, , .		5
56	A controller design method on decentralized systems. , 0, , .		7
57	Decorators Help Teleoperations. , 0, , .		1