Taketoshi Mori

List of Publications by Year
in descending order

135	868	623574	713332
135 papers	**868** citations	**14** h-index	**21** g-index
137 all docs	**137** docs citations	**137** times ranked	**815** citing authors

#	Article	IF	Citations
1	Prevention of diabetic foot ulcers using a smartphone and mobile thermography: a case study. Journal of Wound Care, 2021, 30, 116-119.	0.5	4
2	Factors Associated with Callus Formation in the Plantar Region through Gait Measurement in Patients with Diabetic Neuropathy: An Observational Case-Control Study. Sensors, 2020, 20, 4863.	2.1	3
3	Unintentional body movement parameters and pulse rate variability parameters are associated with the desire to void. Medical Engineering and Physics, 2019, 68, 116-121.	0.8	0
4	Catheter tips are a possible resource for biological study on catheter failure. Drug Discoveries and Therapeutics, 2019, 13, 280-287.	0.6	3
5	Examination of the Effect of Suitable Size of Shoes under the Second Metatarsal Head and Width of Shoes under the Fifth Metatarsal Head for the Prevention of Callus Formation in Healthy Young Women. Sensors, 2018, 18, 3269.	2.1	7
6	Development of Personalized Fitting Device With 3-Dimensional Solution for Prevention of NIV Oronasal Mask-Related Pressure Ulcers. Respiratory Care, 2018, 63, 1024-1032.	0.8	28
7	Evaluation of comfort associated with the use of a robotic mattress with an interface pressure mapping system and automatic inner air-cell pressure adjustment function in healthy volunteers. Journal of Tissue Viability, 2018, 27, 146-152.	0.9	7
8	A Randomized Controlled Trial to Investigate the Effectiveness of the Prevention of Aspiration Pneumonia Using Recommendations for Swallowing Care Guided by Ultrasound Examination. Healthcare (Switzerland), 2018, 6, 15.	1.0	12
9	Acceptance and Practical Use of Assistive Technologies for Frail Seniors and Caregivers: Interview Surveys on Nursing Homes. Lecture Notes in Computer Science, 2018, , 70-84.	1.0	2
10	The external force associated with callus formation under the first metatarsal head is reduced by wearing rocker sole shoes. , 2017, 2017, 4487-4490.		2
11	Development of a Plantar Load Estimation Algorithm for Evaluation of Forefoot Load of Diabetic Patients during Daily Walks Using a Foot Motion Sensor. Journal of Diabetes Research, 2017, 2017, 1-8.	1.0	6
12	Nursing engineering for limb salvage. The Journal of Japanese Society of Limb Salvage and Podiatric Medicine, 2017, 9, 3-10.	0.0	0
13	A New Ultrasonographic Image Displaying System to Support Vein Detection. Journal of Robotics and Mechatronics, 2017, 29, 306-316.	0.5	0
14	Special Issue on Innovative Technology for Nursing Care and Nosotrophy. Journal of Robotics and Mechatronics, 2017, 29, 287-287.	0.5	0
15	Shear Stress-Normal Stress (Pressure) Ratio Decides Forming Callus in Patients with Diabetic Neuropathy. Journal of Diabetes Research, 2016, 2016, 1-10.	1.0	16
16	Establishment of a measurement method for in-shoe pressure and shear stress in specific regions for diabetic ulcer prevention. , 2016, 2016, 2291-2294.		21
17	Factors Associated With Callus in Patients with Diabetes, Focused on Plantar Shear Stress During Gait. Journal of Diabetes Science and Technology, 2016, 10, 1353-1359.	1.3	28
18	Comparison of Gait Features Between Feet With Callus or Corns and Normal Feet Using Motion Sensors in People With Diabetes and People Without Diabetes. Journal of Diabetes Science and Technology, 2016, 10, 614-615.	1.3	1

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19	Detecting pharyngeal post-swallow residue by ultrasound examination: a case series.. Medical Ultrasonography, 2016, 18, 288.	0.4	18
20	Topical Administration of Acylated Homoserine Lactone Improves Epithelialization of Cutaneous Wounds in Hyperglycaemic Rats. PLoS ONE, 2016, 11, e0158647.	1.1	4
21	Establishment of a novel rat model for deep tissue injury deterioration. International Wound Journal, 2015, 12, 202-209.	1.3	11
22	Compression‐induced HIF‐1 enhances thrombosis and PAI‐1 expression in mouse skin. Wound Repair and Regeneration, 2015, 23, 657-663.	1.5	18
23	Prediction of healing progress of pressure ulcers by distribution analysis of protein markers on necrotic tissue: A retrospective cohort study. Wound Repair and Regeneration, 2015, 23, 772-777.	1.5	3
24	Cost‐utility analysis of an advanced pressure ulcer management protocol followed by trained wound, ostomy, and continence nurses. Wound Repair and Regeneration, 2015, 23, 915-921.	1.5	9
25	Vibration inhibits deterioration in rat deep‐tissue injury through‰<scp>HIF</scp>1‐<scp>MMP</scp> axis. Wound Repair and Regeneration, 2015, 23, 386-393.	1.5	21
26	Histopathology of Incontinence-Associated Skin Lesions: Inner Tissue Damage Due to Invasion of Proteolytic Enzymes and Bacteria in Macerated Rat Skin. PLoS ONE, 2015, 10, e0138117.	1.1	39
27	Hypo-osmotic Shock-Induced Subclinical Inflammation of Skin in a Rat Model of Disrupted Skin Barrier Function. Biological Research for Nursing, 2015, 17, 135-141.	1.0	7
28	Development and evaluation of an air mattress structure and function for reducing discomfort when elevating the head-of-bed. Disability and Rehabilitation: Assistive Technology, 2015, 10, 81-88.	1.3	6
29	Effects on interface pressure and tissue oxygenation under ischial tuberosities during the application of an alternating cushion. Journal of Tissue Viability, 2015, 24, 91-101.	0.9	8
30	Serendipitous Recommendation of Restaurant Using Sense Related Onomatopoeia. Transactions of the Japanese Society for Artificial Intelligence, 2015, 30, 216-228.	0.1	2
31	Proposal of virtual probe system for displaying ultrasonographic images to support selecting needle insertion site of peripheral vein. The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM, 2015, 2015.6, 225-226.	0.0	0
32	Relationship of elderly monitoring system data with their health conditions and the climate. The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM, 2015, 2015.6, 163-164.	0.0	0
33	An alternating pressure sequence proposal for an air-cell cushion for preventing pressure ulcers. , 2014, 2014, 3480-3.		5
34	Clustering and classification of local image of wound blotting for assessment of pressure ulcer. , 2014, , .		5
35	Elevated plantar pressure in diabetic patients and its relationship with their gait features. Gait and Posture, 2014, 40, 408-414.	0.6	28
36	Development and evaluation of a system to assess the effect of footwear on the in shoe plantar pressure and shear during gait. ROBOMECH Journal, 2014, 1, .	0.9	6

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37	Method for detection of aspiration based on B-mode video ultrasonography. Radiological Physics and Technology, 2014, 7, 290-295.	1.0	21
38	HangBot: A Ceiling Mobile Robot with Robust Locomotion under a Large Payload. Springer Tracts in Advanced Robotics, 2014, , 685-694.	0.3	3
39	Biological Responses of Three-Dimensional Cultured Fibroblasts by Sustained Compressive Loading Include Apoptosis and Survival Activity. PLoS ONE, 2014, 9, e104676.	1.1	10
40	Measurement of Dense Static Point Cloud and Online Behavior Recognition Using Horizontal LIDAR and Pan Rotation of Vertical LIDAR with Mirrors. SICE Journal of Control Measurement and System Integration, 2014, 7, 12-20.	0.4	0
41	House with MIMAMORI Function. Journal of the Robotics Society of Japan, 2014, 32, 255-258.	0.0	1
42	Extraction of Food-Related Onomatopoeia from Food Reviews and its Application to Restaurant Search. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2014, 18, 418-428.	0.5	4
43	Health–related quality of life and associated factors in patients with primary lymphedema. Japan Journal of Nursing Science, 2013, 10, 202-211.	0.5	16
44	A probabilistic inference of participants interest level in a multi-party conversation based on multi-modal sensing. , 2013, , .		0
45	Impaired Aquaporin 3 Expression in Reepithelialization of Cutaneous Wound Healing in the Diabetic Rat. Biological Research for Nursing, 2013, 15, 347-355.	1.0	23
46	Relationship between elevated plantar pressure of toes and forefoot and gait features in diabetic patients. , 2013, 2013, 4633-6.		7
47	Measurement system of body shift during Head of Bed elevation based on robust tracking of mattress edges using LIDAR. , 2013, 2013, 4686-9.		1
48	Signal phase estimation for measurement of respiration waveform using a microwave Doppler sensor. , 2013, 2013, 6740-3.		5
49	Morphological Pattern Classification System for Plantar Thermography of Patients with Diabetes. Journal of Diabetes Science and Technology, 2013, 7, 1102-1112.	1.3	39
50	Outdoor Map Construction Based on Aerial Photography and Electrical Map Using Multi-Plane Laser Range Scan Data. Journal of Robotics and Mechatronics, 2013, 25, 5-15.	0.5	1
51	Extraction of onomatopoeia used for foods from food reviews and its application to restaurant search. , 2012, , .		6
52	World eco-tope. , 2012, , .		0
53	An Electrostatic Capacitive Floor Sensor System for Human Position Monitoring in a Living Space. Advanced Robotics, 2012, 26, 1127-1142.	1.1	8
54	Discovering pattern of onomatopoeia used in food reviews. , 2012, , .		3

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55	Life Pattern Estimation of the Elderly Based on Accumulated Activity Data and its Application to Anomaly Detection. Journal of Robotics and Mechatronics, 2012, 24, 754-765.	0.5	4
56	Insole-Type Simultaneous Measurement System of Plantar Pressure and Shear Force During Gait for Diabetic Patients. Journal of Robotics and Mechatronics, 2012, 24, 766-772.	0.5	14
57	Human Avoidance Path Planning based on Massive People Trajectories. Journal of the Robotics Society of Japan, 2012, 30, 684-694.	0.0	4
58	Predicting Behaviors of Residents by Modeling Preceding Action Transition from Trajectories. Journal of Robotics and Mechatronics, 2012, 24, 320-329.	0.5	2
59	Human daily behavior accumulation in real home environment via distributed sensors in a long term. , 2011, , .		3
60	Anomaly Detection and Life Pattern Estimation for the Elderly Based on Categorization of Accumulated Data. , 2011, , .		5
61	Counting pedestrians in crowded scenes with efficient sparse learning. , 2011, , .		3
62	HangBot: A ceiling mobile robot with robust locomotion under a large payload (Key mechanisms) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4		8
63	Adaptive human shape reconstruction via 3D head tracking for motion capture in changing environment. , 2011, , .		0
64	Sensor Arrangement for Classification of Life Activities with Pyroelectric Sensors - Arrangement to Save Sensors and to Quasi-Maximize Classification Precision. Journal of Robotics and Mechatronics, 2011, 23, 494-504.	0.5	3
65	Home-Use Object Transfer/Storage Robot System with Compliant Strategy and Mechanism (Commodities Management and its Extended Application of Daily Life Support for the Elderly). Journal of Robotics and Mechatronics, 2011, 23, 532-543.	0.5	11
66	Object Localization by Cooperation between Human Position Sensing and Active RFID System in Home Environment. SICE Journal of Control Measurement and System Integration, 2011, 4, 191-198.	0.4	2
67	Learning from Mistakes: Object Movement Classification by the Boosted Features. Lecture Notes in Computer Science, 2011, , 318-327.	1.0	0
68	Object Movement Management System via Integration of Stable Image Changes in Multiple Viewpoints. Journal of the Robotics Society of Japan, 2011, 29, 837-848.	0.0	0
69	Event Understanding of Human-Object Interaction: Object Movement Detection via Stable Changes. Studies in Computational Intelligence, 2011, , 195-210.	0.7	2
70	Flexible Discovery of Components for Sensor Data Processing by RDF in Network Middleware for Home Environment. Journal of Robotics and Mechatronics, 2011, 23, 505-514.	0.5	1
71	Behavior prediction from trajectories in a house by estimating transition model using stay points. , 2011, , .		0
72	Detection and measurement of human motion and respiration with microwave Doppler sensor. , 2010, , .		3

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73	Detecting Human Activity Profiles with Dirichlet Enhanced Inhomogeneous Poisson Processes. , 2010, , .		6
74	Influence of relative position and pose between sensor and human on respiration measurement with microwave Doppler sensor. , 2010, , .		1
75	Moving objects detection and classification based on trajectories of LRF scan data on a grid map. , 2010, , .		12
76	Multi-people pose tracking through voxel streams. , 2010, , .		0
77	Integrated driver modelling considering state transition feature for individual adaptation of driver assistance systems. Vehicle System Dynamics, 2010, 48, 55-71.	2.2	9
78	Framework for search application based on time segment of sensor data in home environment. , 2010, , .		6
79	The optimization of sensor arrangement and feature selection in activity recognition. , 2010, , .		0
80	Object Usual Places Extraction in Smart Space: Robotic Room. Springer Tracts in Advanced Robotics, 2010, , 111-122.	0.3	0
81	Household object management via integration of object movement detection from multiple cameras. , 2010, , .		6
82	Application of caging manipulation and compliant mechanism for a container case hand-over task. , 2010, , .		7
83	A Supplementary Automatic Door Device for Hybrid Support of Humans and Robots. Lecture Notes in Computer Science, 2010, , 1-8.	1.0	0
84	System for Tracking Human Position by Multiple Laser Range Finders Deployed in Existing Home Environment. Lecture Notes in Computer Science, 2010, , 226-229.	1.0	5
85	Fast online action recognition with efficient structured boosting. , 2009, , .		2
86	3D voxel based online human pose estimation via robust and efficient hashing. , 2009, , .		5
87	Measurement and control scheme for a container transfer robot in living space. , 2009, , .		4
88	Discriminative Data Visualization for Daily Behavior Modeling. Advanced Robotics, 2009, 23, 429-441.	1.1	3
89	iDock: A multifunctional intermediate instrument to improve efficiency of domestic delivery and storage system. , 2009, , .		1
90	Human shape reconstruction via graph cuts for voxel-based markerless motion capture in intelligent environment. , 2009, , .		2

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91	Use of active RFID and environment-embedded sensors for indoor object location estimation. , 2009, , .		5
92	Pose estimation of multiple people using contour features from multiple laser range finders. , 2009, , .		9
93	Behavior labeling algorithms from accumulated sensor data matched to usage of livelihood support application. , 2009, , .		6
94	Human location estimation with multiple microwave Doppler sensors in home environment. , 2009, , .		2
95	人間行動シュミレーションにむけた知的環境における人間行動記述. Journal of the Robotics Society of Japan, 2009, 27, 607-621.	0.6	2
96	Development of a Manipulation Component for a Container Transferring Robot in Living Space. Springer Tracts in Advanced Robotics, 2009, , 567-576.	0.3	2
97	Self-movement Feeling Generation in Sports Watching with Screen Movement via Pan-Tilt Steerable Projector. Lecture Notes in Computer Science, 2009, , 359-367.	1.0	0
98	Room–Type Sensing System. Journal of the Institute of Electrical Engineers of Japan, 2009, 129, 148-151.	0.0	1
99	Active RFID-based indoor object management system in sensor-embedded environment. , 2008, , .		2
100	Behavior description algorithm based on home sensor data using nonlinear transformations. , 2008, , .		5
101	Robust indoor activity recognition via boosting. , 2008, , .		1
102	Foreground segmentation with single reference frame using iterative likelihood estimation and graph-cut. , 2008, , .		1
103	Scriptless Connection of Sensor Data Processing Components in Network Middleware for Home Environment. Advanced Robotics, 2008, 22, 613-632.	1.1	3
104	Development of a home-use automated container storage/retrieval system. , 2008, , .		10
105	Anomaly detection algorithm based on life pattern extraction from accumulated pyroelectric sensor data. , 2008, , .		22
106	Fast Online Human Pose Estimation via 3D Voxel Data. Journal of the Robotics Society of Japan, 2008, 26, 913-924.	0.0	2
107	Online action recognition with wrapped boosting. , 2007, , .		2
108	A Prototype of Index-Finger PIP Joint Motion Amplifier for Assisting Patients with Impaired Hand Mobility. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	7

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109	Fast online human pose estimation via 3D voxel data. , 2007, , .		3
110	Development of an intelligent container prototype for a logistical support robot system in living space. , 2007, , .		10
111	Development of a Tiny Orientation Estimation Device to Operate under Motion and Magnetic Disturbance. International Journal of Robotics Research, 2007, 26, 547-559.	5.8	43
112	Search System for Behavior Time Segments from Accumulated Sensor Data in Room Environment. , 2007, , .		2
113	Typical Behavior Patterns Extraction and Anomaly Detection Algorithm Based on Accumulated Home Sensor Data. , 2007, , .		23
114	Automatic Composition of Sensor Data for Behavior-Driven Application in Smart Room. , 2007, , .		1
115	Robust Action Recognition and Segmentation with Multi-Task Conditional Random Fields. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	9
116	Modeling, Recognition and Supporting Trajectory Generation of Daily Object-handling based on Acquired Motion Models. Journal of the Robotics Society of Japan, 2007, 25, 81-91.	0.0	1
117	Attentive Information Support with Massive Embedded Sensors in Room. , 2007, , 883-892.		3
118	Fast Online Action Recognition with Boosted Combinational Motion Features. , 2006, , .		3
119	Human Like Segmentation of Daily Actions based on Switching Model of Linear Dynamical Systems and Human Body Hierarchy. , 2006, , .		1
120	Screening Parameters of Pulmonary and Cardiovascular Integrated Model with Sensitivity Analysis. , 2006, 2006, 210-3.		2
121	Efficient Margin-Based Query Learning on Action Classification. , 2006, , .		0
122	Automatic Generation and Connection of Program Components based on RDF Sensor Description in Network Middleware. , 2006, , .		9
123	Imitation Learning System to Assist Human Task Interactively. , 2006, , .		1
124	Online Action Recognition with Margin-Based Query Learning. Journal of the Robotics Society of Japan, 2006, 24, 861-872.	0.0	2
125	Recognition of Human Daily Actions Based on Continuous Hidden Markov Models and Hierarchical Structure of Actions as Tree Representation. Journal of the Robotics Society of Japan, 2005, 23, 957-966.	0.0	3
126	Time-Series Human Motion Analysis with Kernels Derived from Learned Switching Linear Dynamics. Transactions of the Japanese Society for Artificial Intelligence, 2005, 20, 197-208.	0.1	3

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127	RECOGNITION OF ACTIONS IN DAILY LIFE AND ITS PERFORMANCE ADJUSTMENT BASED ON SUPPORT VECTOR LEARNING. International Journal of Humanoid Robotics, 2004, 01, 565-583.	0.6	7
128	<title>Construction of sensor network system for human behavior measurement and accumulation via distributed objects</title>. , 2001, , .		4
129	<title>Integrated virtual space control system utilizing hand gesture for intelligent house</title>. , 2001, , .		0
130	Objective estimation of pain based on facial expression, vital signs and body movements. Advanced Robotics, 2000, 14, 413-414.	1.1	3
131	Robotic room: Its concept and realization. Robotics and Autonomous Systems, 1999, 28, 141-148.	3.0	25
132	Image Information Medias as Infrastructure. 1. Watching of Human Health. 1-3. Care System and Image Information Technics.. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 1999, 53, 24-29.	0.0	0
133	Understanding physiological status through monitoring of human body movement. Advanced Robotics, 1998, 13, 319-320.	1.1	1
134	Visual control through status driven teleoperation. Advanced Robotics, 1996, 11, 463-480.	1.1	4
135	Automobile Driving Behavior Recognition Using Boosting Sequential Labeling Method for Adaptive Driver Assistance Systems. Lecture Notes in Computer Science, 0, , 103-110.	1.0	4