Yoshiyuki Sankai

List of Publications by Year
in descending order

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150 papers	4,348 citations	236925 25 h-index	144013 57 g-index
150 all docs	150 docs citations	150 times ranked	2285 citing authors

#	Article	IF	Citations
1	Intention-based walking support for paraplegia patients with Robot Suit HAL. Advanced Robotics, 2007, 21, 1441-1469.	1.8	442
2	Power assist method based on Phase Sequence and muscle force condition for HAL. Advanced Robotics, 2005, 19, 717-734.	1.8	328
3	HAL: Hybrid Assistive Limb Based on Cybernics. Springer Tracts in Advanced Robotics, 2010, , 25-34.	0.4	270
4	Sit-to-Stand and Stand-to-Sit Transfer Support for Complete Paraplegic Patients with Robot Suit HAL. Advanced Robotics, 2010, 24, 1615-1638.	1.8	229
5	Power Assist System HAL-3 for Gait Disorder Person. Lecture Notes in Computer Science, 2002, , 196-203.	1.3	214
6	Voluntary driven exoskeleton as a new tool for rehabilitation inÂchronicÂspinal cord injury: a pilot study. Spine Journal, 2014, 14, 2847-2853.	1.3	190
7	Gait training early after stroke with a new exoskeleton â€“ the hybrid assistive limb: a study of safety and feasibility. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 92.	4.6	165
8	Pilot study of locomotion improvement using hybrid assistive limb in chronic stroke patients. BMC Neurology, 2013, 13, 141.	1.8	144
9	Feasibility of Rehabilitation Training With a Newly Developed Wearable Robot for Patients With Limited Mobility. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1080-1087.	0.9	142
10	Restoration of Gait for Spinal Cord Injury Patients Using HAL With Intention Estimator for Preferable Swing Speed. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 308-318.	4.9	142
11	Development of single leg version of HAL for hemiplegia. , 2009, 2009, 5038-43.		129
12	Intention-Based Walking Support for Paraplegia Patients with Robot Suit HAL. , 0, , .		111
13	Voluntary motion support control of Robot Suit HAL triggered by bioelectrical signal for hemiplegia. , 2010, 2010, 462-6.		98
14	Standing-up motion support for paraplegic patient with Robot Suit HAL. , 2009, , .		88
15	Wearable Gait Measurement System with an Instrumented Cane for Exoskeleton Control. Sensors, 2014, 14, 1705-1722.	3.8	83
16	Leading Edge of Cybernics: Robot Suit HAL. , 2006, , .		77
17	Efficacy of a hybrid assistive limb in post-stroke hemiplegic patients: a preliminary report. BMC Neurology, 2011, 11, 116.	1.8	69
18	Five-fingered assistive hand with mechanical compliance of human finger. , 2008, , .		49

#	Article	IF	Citations
19	Feasibility of Synergy-Based Exoskeleton Robot Control in Hemiplegia. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1233-1242.	4.9	46
20	Lateral Symmetry of Synergies in Lower Limb Muscles of Acute Post-stroke Patients After Robotic Intervention. Frontiers in Neuroscience, 2018, 12, 276.	2.8	44
21	Bathing care assistance with robot suit HAL. , 2009, , .		41
22	The hybrid assisted limb (HAL) for Care Support, a motion assisting robot providing exoskeletal lumbar support, can potentially reduce lumbar load in repetitive snow-shoveling movements. Journal of Clinical Neuroscience, 2018, 49, 83-86.	1.5	39
23	The hybrid assistive limb (HAL) for Care Support successfully reduced lumbar load in repetitive lifting movements. Journal of Clinical Neuroscience, 2018, 53, 276-279.	1.5	38
24	Cybernic treatment with wearable cyborg Hybrid Assistive Limb (HAL) improves ambulatory function in patients with slowly progressive rare neuromuscular diseases: a multicentre, randomised, controlled crossover trial for efficacy and safety (NCY-3001). Orphanet Journal of Rare Diseases, 2021, 16, 304.	2.7	37
25	Gait training of subacute stroke patients using a hybrid assistive limb: a pilot study. Disability and Rehabilitation: Assistive Technology, 2017, 12, 197-204.	2.2	36
26	Combined therapy using botulinum toxin A and single-joint hybrid assistive limb for upper-limb disability due to spastic hemiplegia. Journal of the Neurological Sciences, 2017, 373, 182-187.	0.6	34
27	Decrease of spasticity after hybrid assistive limbÂ®training for a patient with C4 quadriplegia due to chronic SCI. Journal of Spinal Cord Medicine, 2017, 40, 573-578.	1.4	34
28	Working posture control of Robot Suit HAL for reducing structural stress. , 2009, , .		32
29	Exoskeletal cyborg-type robot. Science Robotics, 2018, 3, .	17.6	32
30	Cooperative walk control of paraplegia patient and assistive system. , 2009, , .		30
31	Gait support for complete spinal cord injury patient by synchronized leg-swing with HAL. , 2011, , .		29
32	The voluntary driven exoskeleton Hybrid Assistive Limb (HAL) for postoperative training of thoracic ossification of the posterior longitudinal ligament: a case report. Journal of Spinal Cord Medicine, 2017, 40, 361-367.	1.4	29
33	Transferring-Care Assistance with Robot Suit HAL. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2010, 76, 227-235.	0.2	28
34	Effectiveness of Acute Phase Hybrid Assistive Limb Rehabilitation in Stroke Patients Classified by Paralysis Severity. Neurologia Medico-Chirurgica, 2015, 55, 487-492.	2.2	28
35	Voluntary Ambulation by Upper Limb-Triggered HALÂ® in Patients with Complete Quadri/Paraplegia Due to Chronic Spinal Cord Injury. Frontiers in Neuroscience, 2017, 11, 649.	2.8	28
36	HAL equipped with passive mechanism. , 2012, , .		26

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37	Development of an assist controller with robot suit HAL for hemiplegic patients using motion data on the unaffected side. , 2014, 2014, 3077-80.		26
38	Feasibility of rehabilitation using the single-joint hybrid assistive limb to facilitate early recovery following total knee arthroplasty: A pilot study. Assistive Technology, 2017, 29, 197-201.	2.0	26
39	Development of upper-limb type HAL and reaching movement for meal-assistance. , 2011, , .		24
40	A Newly Developed Robot Suit Hybrid Assistive Limb Facilitated Walking Rehabilitation after Spinal Surgery for Thoracic Ossification of the Posterior Longitudinal Ligament: A Case Report. Case Reports in Orthopedics, 2013, 2013, 1-4.	0.3	24
41	Hybrid assistive limb (HAL) treatment for patients with severe thoracic myelopathy due to ossification of the posterior longitudinal ligament (OPLL) in the postoperative acute/subacute phase: A clinical trial. Journal of Spinal Cord Medicine, 2019, 42, 517-525.	1.4	22
42	Intensive Gait Treatment Using a Robot Suit Hybrid Assistive Limb in Acute Spinal Cord Infarction: Report of Two Cases. Journal of Spinal Cord Medicine, 2019, 42, 395-401.	1.4	22
43	Static and dynamic properties of McKibben pneumatic actuator for self-stability of legged-robot motion. Advanced Robotics, 2013, 27, 469-480.	1.8	21
44	Evaluation of fingertip force accuracy in different support conditions of exoskeleton. , 2011, , .		20
45	Stair ascent assistance for cerebral palsy with robot suit HAL. , 2012, , .		20
46	Differences in Muscle Synergy Symmetry Between Subacute Post-stroke Patients With Bioelectrically-Controlled Exoskeleton Gait Training and Conventional Gait Training. Frontiers in Bioengineering and Biotechnology, 2020, 8, 770.	4.1	20
47	Successful Use of the Hybrid Assistive Limb for Care Support to Reduce Lumbar Load in a Simulated Patient Transfer. Asian Spine Journal, 2021, 15, 40-45.	2.0	20
48	Development of motion instruction system with interactive robot suit HAL. , 2009, , .		19
49	Knee-Extension Training with a Single-Joint Hybrid Assistive Limb during the Early Postoperative Period after Total Knee Arthroplasty in a Patient with Osteoarthritis. Case Reports in Orthopedics, 2016, 2016, 1-6.	0.3	18
50	Active elbow flexion is possible in C4 quadriplegia using hybrid assistive limb (HALÂ®) technology: A case study. Journal of Spinal Cord Medicine, 2017, 40, 456-462.	1.4	18
51	Reshaping of Gait Coordination by Robotic Intervention in Myelopathy Patients After Surgery. Frontiers in Neuroscience, 2018, 12, 99.	2.8	17
52	Feasibility and safety of Robot Suit HAL treatment for adolescents and adults with cerebral palsy. Journal of Clinical Neuroscience, 2019, 68, 101-104.	1.5	17
53	Walking ability following hybrid assistive limb treatment for a patient with chronic myelopathy after surgery for cervical ossification of the posterior longitudinal ligament. Journal of Spinal Cord Medicine, 2019, 42, 128-136.	1.4	17
54	Application of a newly developed upper limb single-joint hybrid assistive limb for postoperative C5 paralysis: An initial case report indicating its safety and feasibility. Journal of Clinical Neuroscience, 2018, 50, 268-271.	1.5	16

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55	Use of Hybrid Assistive Limb (HALÂ®) for a postoperative patient with cerebral palsy: a case report. BMC Research Notes, 2018, 11, 201.	1.4	16
56	The Hybrid Assistive LimbÂ® intervention for a postoperative patient with spinal dural arteriovenous fistula and chronic spinal cord injury: A case study. Journal of Spinal Cord Medicine, 2018, 41, 710-717.	1.4	15
57	Development of a capacitive coupling electrode for bioelectrical signal measurements and assistive device use. , 2012, , .		14
58	Robotic device-assisted knee extension training during the early postoperative period after opening wedge high tibial osteotomy: a case report. Journal of Medical Case Reports, 2017, 11, 213.	0.8	14
59	Robotic rehabilitation training with a newly developed upper limb single-joint Hybrid Assistive Limb (HAL-SJ) for elbow flexor reconstruction after brachial plexus injury: A report of two cases. Journal of Orthopaedic Surgery, 2018, 26, 230949901877788.	1.0	14
60	Minimizing the Physical Stress by Virtual Impedance of Exoskeletal Robot in Swinging Motion with Power Assist System for Lower Limb. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2005, 71, 1686-1695.	0.2	12
61	Geometric Optimization for Non-Thrombogenicity of a Centrifugal Blood Pump through Flow Visualization. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2002, 45, 1013-1019.	0.3	11
62	Muscular Activity Modulation During Post-operative Walking With Hybrid Assistive Limb (HAL) in a Patient With Thoracic Myelopathy Due to Ossification of Posterior Longitudinal Ligament: A Case Report. Frontiers in Neurology, 2020, 11, 102.	2.4	10
63	Robot-assisted voluntary initiation reduces control-related difficulties of initiating joint movement: A phenomenal questionnaire study on shaping and compensation of forward gait. PLoS ONE, 2018, 13, e0194214.	2.5	10
64	The Estimation of Cardiac Function from the Rotary Blood Pump. Artificial Organs, 2001, 25, 709-712.	1.9	9
65	Performance evaluations of hand and forearm support system. , 2010, , .		9
66	Gait training using a hybrid assistive limb (HAL) attenuates head drop: A case report. Journal of Clinical Neuroscience, 2018, 52, 141-144.	1.5	9
67	Effects of Gait Treatment With a Single-Leg Hybrid Assistive Limb System After Acute Stroke: A Non-randomized Clinical Trial. Frontiers in Neuroscience, 2019, 13, 1389.	2.8	9
68	Development of a New Ankle Joint Hybrid Assistive Limb. Medicina (Lithuania), 2022, 58, 395.	2.0	9
69	Meal-assistance by Robot Suit HAL using detection of food position with camera. , 2011, , .		8
70	Shoulder motion assistance using a single-joint Hybrid Assistive Limb^{Â®} robot: Evaluation of its safety and validity in healthy adults. Journal of Orthopaedic Surgery, 2017, 25, 230949901772795.	1.0	8
71	A brain phantom for motion-corrected PROPELLER showing image contrast and construction similar to those of in vivo MRI. Magnetic Resonance Imaging, 2017, 36, 32-39.	1.8	8
72	Dropped Head Syndrome Attenuation by Hybrid Assistive Limb: A Preliminary Study of Three Cases on Cervical Alignment during Walking. Medicina (Lithuania), 2020, 56, 291.	2.0	8

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73	HOJO-brain for motion control of robots and biological systems. Artificial Life and Robotics, 1998, 2, 162-169.	1.2	7
74	Fingertip stiffness control using antagonistic pairs of polyarticular tendons drive system. , 2009, , .		7
75	Active air mat for comfortable and easy to wear a forearm support system. , 2011, , .		7
76	Computational Fluid Dynamic Analysis of the Flow around the Pivot Bearing of the Centrifugal Ventricular Assist Device (Effects of Design Variations of the Washout Hole, the Pivot and the Back) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2006, 49, 837-851.	0.3	6
77	Exoskeletal spine and shoulder girdle for full body exoskeletons with human versatility. , 2011, , .		6
78	Experiment and analysis of quadrupedal quasi-passive dynamic walking robot “Duke”. , 2012, , .		6
79	Lower limb motion support integrated system for prevention of deep vein thrombosis. , 2013, , .		6
80	Gait Training with the Robot Suit HAL Well-being Type for a Man with Incomplete Spinal Cord Injury. Rigakuryoho Kagaku, 2014, 29, 151-156.	0.1	6
81	Development of motion control algorithm for upper limb support system based on bioelectrical signals for heavy work over head. , 2015, , .		6
82	Analysis of Gait Motion Changes by Intervention Using Robot Suit Hybrid Assistive Limb (HAL) in Myelopathy Patients After Decompression Surgery for Ossification of Posterior Longitudinal Ligament. Frontiers in Neurorobotics, 2021, 15, 650118.	2.8	6
83	Hybrid Assistive Limb Functional Treatment for a Patient with Chronic Incomplete Cervical Spinal Cord Injury. International Medical Case Reports Journal, 2021, Volume 14, 413-420.	0.8	6
84	Neuromuscular System Improvement and Movement Assistance of Polio Survivor with Paralysis Using Biofeedback and Robot Suit HAL(Mechanical Systems). Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2010, 76, 3630-3639.	0.2	5
85	Visual feedback system showing loads on handrails for gait training. , 2012, , .		5
86	Feasibility study of wearable robot control based on upper and lower limbs synergies. , 2015, , .		5
87	Combined automated culture system for tubular structure assembly and maturation for vascular tissue engineering. Journal of Biomechanical Science and Engineering, 2018, 13, 18-00137-18-00137.	0.3	5
88	Effects of Cardiac Rehabilitation With Lumbar-Type Hybrid Assistive Limb on Muscle Strength in Patients With Chronic Heart Failureã€€â€• A Randomized Controlled Trial â€•. Circulation Journal, 2021, 86, 60-67.	1.6	5
89	Towards a guideline for clinical trials in the development of human assistive robots. , 2010, , .		4
90	Self-stabilizing function of two dimensional human lower limb musculoskeletal system. , 2012, , .		4

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91	Development of noise resistant hybrid capacitive-resistive electrodes for wearable robotics, computing and welfare. , 2013, , .		4
92	Training system using ground reaction force of the affected leg. , 2016, , .		4
93	Muscle activity during gait-like motion provided by MRI compatible lower-extremity motion simulator. Advanced Robotics, 2016, 30, 459-475.	1.8	4
94	Augmentation of Human Protection Functions Using Wearable and Sensing System. , 2016, , .		4
95	Hybrid Assistive Limb Intervention in a Patient with Late Neurological Deterioration after Thoracic Myelopathy Surgery due to Ossification of the Ligamentum Flavum. Case Reports in Orthopedics, 2018, 2018, 1-10.	0.3	4
96	Effects of a lumbar-type hybrid assistive limb on cardiopulmonary burden during squat exercise in healthy subjects. Journal of Clinical Neuroscience, 2019, 66, 226-230.	1.5	4
97	Voluntary ambulation using voluntary upper limb muscle activity and Hybrid Assistive LimbÂ® (HALÂ®) in a patient with complete paraplegia due to chronic spinal cord injury: A case report. Journal of Spinal Cord Medicine, 2019, 42, 460-468.	1.4	4
98	Robotic Shoulder Rehabilitation With the Hybrid Assistive Limb in a Patient With Delayed Recovery After Postoperative C5 Palsy: A Case Report. Frontiers in Neurology, 2021, 12, 676352.	2.4	4
99	Quantitative Motion Control Analysis Method for Power Assist System Based on Human Motion Property. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2004, 70, 1115-1123.	0.2	3
100	Compatibility test on lower-extremity motion simulator to fMRI. , 2011, , .		3
101	Proposal for Manipulation System with Cybernic Master Arm Based on BES Variable Impedance Control. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2011, 77, 4653-4662.	0.2	3
102	Emergence and motion analysis of 3D quasi-passive dynamic walking by excitation of lateral rocking. , 2012, , .		3
103	Pulse transit time measurement method with artifact tolerance for home healthcare. , 2013, , .		3
104	Standing up motion support system for wheelchair users. Transactions of the JSME (in Japanese), 2016, 82, 15-00540-15-00540.	0.2	3
105	Integrated Non-Invasive Vital Signs Monitoring System for Detecting Stress. , 2018, , .		3
106	Efficacy of Cardiac Rehabilitation with Assistance from Hybrid Assistive Limb in Patients with Chronic Heart Failure: Protocol for a Randomized Controlled Study. Cardiology, 2019, 142, 213-219.	1.4	3
107	Lateral Swing Support System for Parkinsonism patients with Freezing of Gait. , 2020, , .		3
108	Adjustment effect during shoulder abduction training with the Hybrid Assistive Limb in a patient with postoperative C5 palsy. Journal of Clinical Neuroscience, 2021, 88, 197-204.	1.5	3

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109	Motion Control System with Emergent Learning Ability and Simulation of Gait Control.. Journal of the Robotics Society of Japan, 1998, 16, 353-360.	0.1	3
110	Development of Real-time Assembly Work Monitoring System Based on 3D Skeletal Model of Arms and Fingers. , 2020, , .		3
111	Ankle dorsiflexion training with a newly developed Hybrid Assistive Limb for a patient with foot drop caused by common peroneal nerve palsy: a case report. Journal of Physical Therapy Science, 2022, 34, 410-415.	0.6	3
112	Stepwise process of clinical trials in safety-conscious development of human assistive robots. , 2011, , .		2
113	Development of 3D Visual Feedback System for Cybernic Master System. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2013, 79, 645-658.	0.2	2
114	Development of upper limb support system for heavy work over head. Transactions of the JSME (in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	2
115	Basic research of upper limb work support system â€œMy cybernic robot armâ€•for hemiplegic persons. , 2017, , .		2
116	Developing Safety Measures for a Wheelchair-Compatible Physical Assistive System with Sit-To-Stand Movement Support. Advanced Biomedical Engineering, 2018, 7, 8-17.	0.6	2
117	Effects of a cyborg-type robot suit HAL on cardiopulmonary burden during exercise in normal subjects. European Journal of Applied Physiology, 2019, 119, 487-493.	2.5	2
118	Staged treatment protocol for gait with hybrid assistive limb in the acute phase of patients with stroke. Assistive Technology, 2021, , 1-7.	2.0	2
119	Development of Hybrid Resistive-Capacitive Electrodes for Electroencephalograms and Electrooculograms. IEEJ Transactions on Sensors and Micromachines, 2013, 133, 57-65.	0.1	2
120	Functional magnetic resonance imaging of brain activity during hybrid assistive limb intervention in a chronic spinal cord injury patient with C4 quadriplegia. Journal of Clinical Neuroscience, 2022, 99, 17-21.	1.5	2
121	Design and construction of training management system with rich internet application for running in physical education. , 2008, , .		1
122	Fingertip stiffness control using polyarticular tendon drive system. , 2009, , .		1
123	Measurement of brain activity using optical and electrical method. , 2009, , .		1
124	Cooperative control of exoskeletal assistive system for paraplegic walk-transferring between sitting posture and standing posture, and going up and down on stairs. , 2010, , .		1
125	Development of a bidirectional data communication system using ultra high frequency radio wave for implantable artificial hearts. , 2010, , .		1
126	Development of a web-based training management system to assist training for citizen runners. , 2012, , .		1

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127	Clinical Application of ROBOT SUIT HAL® (Hybrid Assistive) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 723-729.	0.1	1
128	Development of a visual feedback system for helping patients decrease loads on handrails. Transactions of the JSME (in Japanese), 2015, 81, 15-00011-15-00011.	0.2	1
129	Magnetic resonance compatible stimulation device capable of providing passive and active finger movements. , 2015, , .		1
130	Development of gait assist method for parkinson's disease patients with FOG in walking. , 2016, , .		1
131	An ultra-multijointed assistive robot finger. , 2017, , .		1
132	Integrated Sit-to-Stand and Stand-to-Sit Training System Providing Biofeedback Information and Physical Assistance to Hemiplegic Patients. SICE Journal of Control Measurement and System Integration, 2017, 10, 433-441.	0.7	1
133	Balance Control Learning Method for Improving Pulling Chair Movement: A Case Study of a Quadriplegic Wheelchair User. Advanced Biomedical Engineering, 2017, 6, 95-101.	0.6	1
134	Noncontact Vital Sign Monitoring System with Dual Infrared Imaging for Discriminating Respiration Mode. Advanced Biomedical Engineering, 2021, 10, 80-89.	0.6	1
135	Noncontact Measurement of Oxygen Saturation with Dual Near Infrared Imaging for Daily Health Monitoring. , 2022, , .		1
136	Immediate effects of hybrid assistive limb gait training on lower limb function in a chronic myelopathy patient with postoperative late neurological deterioration. BMC Research Notes, 2022, 15, 89.	1.4	1
137	Distributed computation method for multi link system using digital signal processor. , 0, , .		0
138	Noise-resistant vascular parameter identification for artery testing. , 2012, , .		0
139	Aftereffects of robotic-assisted treadmill walking on the locomotor pattern in humans. , 2012, 2012, 3560-3.		0
140	Wearable parallel processing based high-resolution high-speed electroencephalogram monitoring integrated system. , 2012, , .		0
141	Development of 3D visual feedback system for Cybernic Master System. , 2012, , .		0
142	Safety Certification of Robot Suit HAL^|^reg;. Journal of the Robotics Society of Japan, 2014, 32, 863-865.	0.1	0
143	Development of Hybrid Small Sensor Module for Measuring Both Electroencephalogram and Cortical Hemoglobin Concentration. Electronics and Communications in Japan, 2017, 100, 3-15.	0.5	0
144	IMU Sensor Module for the Measurement of High-speed Motion in the Analysis of Human Skills. , 2019, , .		0

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145	Improvement of Nonlinear Systems Adaptive Control Performance by Hierarchical Learning. Transactions of the Society of Instrument and Control Engineers, 1995, 31, 1236-1238.	0.2	0
146	Synergy Analysis in Robot Assisted Locomotion. The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM, 2015, 2015.6, 231-232.	0.0	0
147	Non-invasive and Continuous Hematocrit Measurement by Optical Method without Calibration. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 387-395.	0.2	0
148	Development of Hybrid Small Sensor Module for Measuring Both Electroencephalogram and Cortical Hemoglobin Concentration. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 515-524.	0.2	0
149	Integrated Wheelchair-Compatible Support System for Sit-To-Stand Movements Support. Journal of Medical Devices, Transactions of the ASME, 2019, 13, .	0.7	0
150	Development of Handwashing Monitoring System toward Safe Living of People Requiring Long-term Care. , 2022, , .		0