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NO	著者	雑誌名	タイトル	巻 (vol.) ・ ページ 数	掲載年	備考
1	R. TSUMURA, H. IWATA	Journal of Medical and Biological Engineering	Mechanical-based Model for Extra-fine Needle Tip Deflection until Breaching of Tissue Surface	in press	2017	
2	J-C. HONG, Y. FUKUSHIMA, S. SUZUKI, K. YASUDA, H. OHASHI, H. IWATA	Proceeding of the IEEE International Conference on Robotics and Biomimetics 2017	Estimation of Ankle Dorsiflexion Ankle during Loading Response Phase for Spring Coefficient Identification	in press	2017	
3	K. YASUDA, K. SAICHI, Y. KITAJI, H. HARASHIMA, H. IWATA	ROBOMECH Journal	Development of an Implicit Method for Directing Weight Shifting to the Affected Side in Patients with Stroke: A Proof of Concept Study	vol. 4, no. 26, pp. 1-7	2017	
4	R. SATO, M. KAMEZAKI, S. NIUCHI, S. SUGANO, H. IWATA	Proceeding of the 15th IEEE Int. Symp. on Safety, Security and Rescue Robotics (SSRR' 17)	A Pre-offering View System for Teleoperators of Heavy Machines to Acquire Cognitive Maps	pp. 61-66	2017	
5	K. NAKABAYASHI, H. IWATA	Proceeding of the 5th International Conference on Human-Agent Interaction (HAI' 17)	Development of Evaluation Indexes for Human-Centered Design of a Wearable Robot Arm	pp. 305-310	2017	

6	R. TSUMURA, K. SHITASHIMA, H. IWATA	Proceeding of the 2017 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS' 17)	Insertion Method for Minimizing Fine Needle Deflection in Bowel Insertion Based on Experimental Analysis	pp. 187-192	2017	
7	S. INOUE, R. TSUMURA, H. IWATA	Proceeding of the 2017 IEEE International Conference on Advanced Intelligent Mechatronics (AIM 2017)	Development of Registration Marker for CT-guided Needle Insertion Robot	pp. 755-760	2017	
8	K. YASUDA, D. MUROI, M. OHIRA, H. IWATA	Topics in stroke rehabilitation	Validation of an immersive virtual reality system for training near and far space neglect in individuals with stroke: a pilot study	vol. 24, no. 7, pp. 533-538	2017	
9	R. TSUMURA, H. IWATA	Journal of Biomechanical Science and Engineering	Methods of Control for Minimizing Extra-Thin Needle Deflection with a Combination of Vibration and Rotation in the Lower Abdomen	vol. 12, no. 3, No.16-00468	2017	
10	M. KAMEZAKI, H. IWATA, S. SUGANO	IEEE Transactions on Instrumentation and Measurement	Condition-Based Less-Error Data Selection for Robust and Accurate Mass Measurement in Large-Scale Hydraulic Manipulators	vol.66, no.7, pp.1820-1830	2017	
11	河田俊, 安田和弘, 岩田浩康	日本機械学会論文集	フリースロー初心者のためのBF型セット・フォーム習得支援RTの開発	Vol. 83, No. 851	2017	
12	H. HAYATA, M. OKAMOTO, S. TAKEOKA, E. IWASE, T. FUJIE, H. IWATA	Japanese Journal of Applied Physics	Printed high-frequency RF identification antenna on ultrathin polymer film by simple production process for soft-surface adhesive device	vol. 56, no. 5S2, pp. 05EC01	2017	

13	K. YASUDA, N. KAIBUKI, H. HARASHIMA, H. IWATA	Somatosensory and Motor	The effect of a haptic biofeedback system on postural control in patients with stroke: an experimental pilot study	vol. 34, no. 2, pp. 65-71	2017	
14	大西哲平, 河田俊, 安田和弘, 岩田浩康	日本機械学会論文集C編,	バットスイングにおける運動連鎖を改善する音声リズムBFデバイスの開発と評価	in press	2017	
15	R. TSUMURA and H. IWATA	IEEE Robotics and Automation Letters	Trajectory Planning for Abdominal Fine Needle Insertion Based on Insertion Angles	vol. 2, no. 2, pp. 1226-1231	2017	
16	M. KAMEZAKI, H. IWATA and S. SUGANO	IEEE Transactions on Instrumentation & Measurement	Condition-Based Less-Error Data Selection for Robust and Accurate Mass Measurement in Large-Scale Hydraulic Manipulators	in press	2017	
17	H. HAYATA, M. OKAMOTO, S. TAKEOKA, E. IWASE, T. FUJIE, H. IWATA	Journal of Japan Applied Physics	Printed High-Frequency RFID Antenna on Ultrathin Polymer Film by Simple Production Process for Soft-Surface Adhesive Device	in press	2017	
18	M. OKAMOTO, M. KUROTOBI, S. TAKEOKA, J. SUGANO, E. IWASE, H. IWATA and T. FUJIE	Journal of Materials Chemistry C	Sandwich-fixation of electronic elements using free-standing elastomeric nanosheets for low-temperature device process	vol. 2017, no. 5 , pp1321-1327	2017	
19	R. TSUMURA and H. IWATA	Journal of Biomechanical Science and Engineering	Methods of control for minimizing extra-fine needle deflection with a combination of vibration and rotation in the lower abdomen	Article ID 16-00468	2017	
20	安田和弘, 堀川峻太郎, 室井大佑, 岩田浩康	バイオメカニズム学会誌	両側下腿切断者の立位姿勢に対する体性感覚バイオフィードバックによる感覚代行効果	vol. 40, no. 3, pp. 213-219	2016	

21	竹内貴哉, 安田和弘, 姫野好美, 黒木洋美, 岩田浩康	ライフサポート学会誌	注意の解放と移動を促すUSN治療支援システムの開発 —注意誘導スリットによる即時的効果の検証—	vol. 28, no. 4, pp. 133-138	2016	
22	R. SATO, M. KAMEZAKI, S. SUGANO and H IWATA	Proceeding of the Satellite Conf. of 2016 IEEE Int. Conf. on Systems, Man, and Cybernetics (SMC JUNIOR 2016)	Gaze Pattern Analysis in Multi-Display Systems for Teleoperated Disaster Response Robots	pp. 3534-3539	2016	
23	H. HAYATA, M. OKAMOTO, S. TAKEOKA, E. IWASE, T. FUJIE and H. IWATA	Proceeding of the Int. Conf. on Flexible and Printed Electronics	Development of Inexpensive Skin Adhesive Electronic Device - RFID Tag Implementation on Ultrathin Polymer Film —	05-4	2016	
24	K. SAICHI, K. YASUDA, Y. KITAJI, N. KAIBUKI, H. IWATA	Proceeding of the 38th Annual Int. Conf. of the IEEE Engineering in Medicine and Biology Society	Development and Pilot Clinical Evaluation of a Haptic-Based Perception- Empathy Biofeedback Device for Gait Rehabilitation	pp 6158-6161	2016	
25	R. TSUMURA, Y. TAKISHITA, Y. FUKUSHIMA, H. IWATA	Proceeding of the IEEE/EMBS Int. Conf. on Eng. in Med. Biological Systems (EMBC2016)	Histological Evaluation of Tissue Damage Caused by Rotational Needle Insertion	pp. 5120-5123	2016	