

2014 - 2018 大阪大学基礎工学研究科システム創成専攻博士課程後期課程 卒業

現在の専門分野

拡張現実、システム・製品デザイン、ユニバーサルデザイン

学術論文【査読あり】

1."Construction of Educational Resources and Design of Learning Activities in Facilitating Museum Education," Z. Sun, Kai Wang(Corresponding Author), Proceedings-2019 International Joint Conference on Information, Media and Engineering, No. 19532725, pp 414-418, April 2020.

2."A Virtual Technology Aiding for Hand-Impaired Persons," Kai Wang, Z. Sun, Proceedings-2018 International Joint Conference on Information, Media and Engineering, ICIME 2018, No. 18377846, pp 240-243, January 2019.

3."Development of CDIO-based SPOC Model in Facilitating Learning Instructional Design," Z. Sun, Kai Wang (Corresponding Author), Z. Li, Proceedings-2018 International Joint Conference on Information, Media and Engineering, ICIME 2018, No.8609534, pp 236-239, January 2019.

4."Stabilizing Graphically Extended Hand for Hand Tremors," Kai Wang, H. Matsukura, D. Iwai, and K. Sato, IEEE Access, Vol.6, pp 28838-28847, May 2018.

5."Construction and Application of Foreign Language Teaching Aided System Based On Knowledge Visualization," Z. Li, Kai Wang(Corresponding Author), T. Masako, and H. Zhang, 2017 International Conference of Educational Innovation through Technology, EITT 2017, pp 268-271, December 2017.

6."Supporting Trembling Hand Typing Using Optical See-Through Mixed Reality," Kai Wang, D. Iwai, and K. Sato, IEEE Access, Vol.5, pp 10700 -10708, June 2017.

7."Research on Current Situation and Trend of Robot Education in Japan," Kai Wang, Z. SUN, T. Nishimori, and Z. Li, Modern Technology, Vol.27, No.4, April 2017.

8."Body Cyberization by Spatial Augmented Reality for Reaching Unreachable World," Y. Ueda, Y. Asai, R. Enomoto, Kai Wang, D. Iwai, and K. Sato, Augmented Reality 2017, pp 19:1-19:9, March 2017.

9."A Typing Assist System Considering Involuntary Hand Tremor," Kai Wang, N. Takemura, D. Iwai, and K. Sato, Transactions of the Virtual Reality Society of Japan, Vol.21, No.2, pp.227-233, June 2016.

国際会議における発表

1.Feasibility of an Augmented Reality Rehabilitation Training System for Patients

with Tremor、Kai Wang、2021International Joint Conference on Information、Media and Engineering, IJCIME 2021、Fujian Normal University、2021

- 2.Research on the Design of Early Childhood Teaching Aids Based on Immersive Experience、R. Zhou、Kai Wang、2021 International Joint Conference on Information, Media and Engineering, IJCIME2021、Fujian Normal University、2021
- 3.Design of Walking Aids for Parkinson's Patients、Kai Wang、HY. Zheng、2021 International Joint Conference on Information, Media and Engineering, IJCIME 2021、Fujian Normal University、2021
- 4.Online Learning Mouse for Students with Hand Disabilities、Kai Wang、MJ. Wu、2021International Joint Conference on Information, Media and Engineering、IJCIME 2021、2021
- 5.Assisting People with Hand Tremor to Type Steadily on Keyboard Using Optical See-Through Mixed Reality、Kai Wang、Asia-Pacific Workshop on Mixed-Reality、APMAR2017、2017

特許

- 1.A Walking Aid for Parkinson's Patients, No.20222349275.2
- 2.Inflatable and Adjustable Bench, No. ZL 2020 3 0256 170. 2
- 3.Mizuki Faucet, No. ZL202030256108.3
- 4.Frying Pan, No. ZL202030254161.X
- 5.A Hydraulic Semi-shear Type Grab, No.20191z1567
6. Inflatable Bed, No. ZL 202030253653. 7
- 7.Chalk Clip, No. ZL202030253644. 8

所属学会

IEEE Kansai

賞

1. 2013年10月—2017年9月 文部科学省博士奨学金
2. 2017年9月 日本バーチャルリアリティ学会論文賞
3. 2018年1月 IEEE Access Grand Prize for the 2017 IEEE Access Best Multimedia Contest
4. 2021年12月International Joint Conference on Information, Media and Engineering Best Paper Award
5. 2021年12月International Joint Conference on Information, Media and Engineering Best Presentation Award

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