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**List of Publications**

June 01, 2022

**JOURNALS**

* B. Chakravarthi, A. K. Patil, J. Y. Ryu, A. Balasubramanyam and Y. H. Chai, **2022**, "Scenario-based Sensed Human Motion Editing and Validation through the Motion-Sphere," in **IEEE Access**.
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* Patil, A.K., Balasubramanyam, A., Ryu, J.Y., Chakravarthi, B. and Chai, Y.H., **202**1. An Open-Source Platform for Human Pose Estimation and Tracking Using a Heterogeneous Multi - Sensor System. **Sensors**, 21(7), p.2340.
* Patil, A.K., Balasubramanyam, A., Ryu, J.Y., Chakravarthi, B. and Chai, Y.H., **2020**. Fusion of Multiple Lidars and Inertial Sensors for the Real-Time Pose Tracking of Human Motion. **Sensors**, 20(18), p.5342.
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* Ashok Kumar Patil, Bharatesh Chakravarthi S B, Seong Hun Kim, Adithya Balasubramanyam, Jae Yeong Ryu, and Young Ho Chai. 2019. Pilot experiment of a 2D trajectory representation of quaternion-based 3D gesture tracking. In Proceedings of the **ACM SIGCHI** Symposium on Engineering Interactive Computing Systems (**EICS '19**).
* Lohith, J.J. and Chakravarthi, B., 2015 , June. Intensifying the lifetime of Wireless Sensor Network using a centralized energy accumulator node with RF energy transmission. In **2015** IEEE International Advance Computing Conference (**IACC**) (pp. 180-184). **IEEE**.

Sincerely,

Bharatesh Chakravarthi