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**2024****Design of a Square Rotor Driven Pneumatic Stepper Actuator for MR-Guided Therapy.**Liang H, Zuo W and Tse ZTH. *Ieee/Asme Transactions On Mechatronics* vol. PP, (99) 1-10. Institute of Electrical and Electronics Engineers (Ieee).**2023****EgoActive: Integrated Wireless Wearable Sensors for Capturing Infant Egocentric Auditory Visual Statistics and Autonomic Nervous System Function in the Wild.**Geangu E, Smith WAP, Mason HT, Martinez-Cedillo AP, Hunter D, Knight MI, Liang H, de Soria Bazan MDCG, Tse ZTH, Rowland T, Corpuz D, Hunter J, Singh N, Vuong QC, Abdelgayed MRS, Mullineaux DR, Smith S and Muller BR. *Sensors* vol. 23, (18). Mdpi.**Engineering Magnetic Soft and Reconfigurable Robots.**Ning L, Limpabandhu C and Tse ZTH. *Soft Robotics* vol. 11, (1) 2-20. Mary Ann Liebert.**An Opposed Piston Driving Pneumatic Stepper Motor for MR Intervention Robotics.**Liang H and Tse ZTH. *Ieee/Asme Transactions On Mechatronics* vol. 29, (1) 143-153. Institute of Electrical and Electronics Engineers (Ieee).**Actuation technologies for magnetically guided catheters.**Limpabandhu C, Hu Y, Ren H, Song W and Tse ZTH. *Minimally Invasive Therapy & Allied Technologies* vol. 32, (4) 137-152. Taylor & Francis.**Reshaping healthcare with wearable biosensors.**Smith AA, Li R and Tse ZTH. *Scientific Reports* vol. 13, (1). Springer Nature.**Clinical accuracy of infrared temperature measurement devices: a comparison against non-invasive core-body temperature.**Holder T, Hooper FSW, Yates D, Tse Z, Patil S, Moussa A, Batten L, Radhakrishnan V, Allison M, Hewitt C, Keding A, Forshaw G and Jayagopal V. *Clinical Medicine* vol. 23, (2) 157-163. Elsevier.**Magnetically steerable catheters: State of the art review.**Limpabandhu C, Hu Y, Ren H, Song W and Tse ZTH. *Proceedings of The Institution of Mechanical Engineers Part H Journal of Engineering in Medicine* vol. 237, (3) 297-308. Sage Publications.**Oromimetic Folds into Deployable Mechanisms with Potential Functionalities in Biomedical Robotics.**Liu H, Yeow BS, Cai CJ, Tse ZTH and Ren H. *Deployable Multimodal Machine Intelligence* 13-42. Springer Nature.**Untethered Soft Ferromagnetic Quad-Jaws Cootie Catcher with Selectively Coupled Degrees of Freedom.**Cai X, Cai CJ, Seenivasan L, Tse Z and Ren H. *Deployable Multimodal Machine Intelligence* 347-376. Springer Nature.**2022****Thermoelastic damping in anisotropic piezoelectric microbeam resonators.**Zuo W, Li P, Du J and Tse ZTH. *International Journal of Heat and Mass Transfer* vol. 199, Elsevier.

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