

Yusuf Aydin

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Stable Physical Human-Robot Interaction Using Fractional Order Admittance Control. IEEE Transactions on Haptics, 2018, 11, 464-475.	2.7	36
2	Adaptive Human Force Scaling via Admittance Control for Physical Human-Robot Interaction. IEEE Transactions on Haptics, 2021, 14, 750-761.	2.7	17
3	A Computational Multicriteria Optimization Approach to Controller Design for Physical Human-Robot Interaction. IEEE Transactions on Robotics, 2020, 36, 1791-1804.	10.3	16
4	A Variable-Fractional Order Admittance Controller for pHRI. , 2020, , .		12
5	Towards collaborative drilling with a cobot using admittance controller. Transactions of the Institute of Measurement and Control, 2021, 43, 1760-1773.	1.7	11
6	Detecting Human Motion Intention during pHRI Using Artificial Neural Networks Trained by EMG Signals. , 2020, , .		10
7	A new control architecture for physical human-robot interaction based on haptic communication. , 2014, , .		8
8	Fractional order admittance control for physical human-robot interaction. , 2017, , .		8
9	An adaptive admittance controller for collaborative drilling with a robot based on subtask classification via deep learning. Mechatronics, 2022, 86, 102851.	3.3	6