

Yuehong Yin

List of Publications by Year in descending order

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papers

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287
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamic Resistive Force Model for Designing Mobile Robot in Granular Media. IEEE Robotics and Automation Letters, 2022, 7, 5357-5364.	5.1	7
2	A novel deep generative model based on imaginal thinking for automating design. CIRP Annals - Manufacturing Technology, 2022, , .	3.6	0
3	Novel Soft Smart Shoes for Motion Intent Learning of Lower Limbs Using LSTM With a Convolutional Autoencoder. IEEE Sensors Journal, 2021, 21, 1906-1917.	4.7	16
4	Dependent-Gaussian-Process-Based Learning of Joint Torques Using Wearable Smart Shoes for Exoskeleton. Sensors, 2020, 20, 3685.	3.8	5
5	Gaussian Process-Integrated State Space Model for Continuous Joint Angle Prediction from EMG and Interactive Force in a Human-Exoskeleton System. Applied Sciences (Switzerland), 2019, 9, 1711.	2.5	14
6	Evolving Gaussian Process Autoregression Based Learning of Human Motion Intent Using Improved Energy Kernel Method of EMG. IEEE Transactions on Biomedical Engineering, 2019, 66, 2556-2565.	4.2	28
7	Improving the Transparency of an Exoskeleton Knee Joint Based on the Understanding of Motor Intent Using Energy Kernel Method of EMG. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 577-588.	4.9	56
8	EMG oscillator model-based energy kernel method for characterizing muscle intrinsic property under isometric contraction. Science Bulletin, 2014, 59, 1556-1567.	1.7	11
9	Active and Progressive Exoskeleton Rehabilitation Using Multisource Information Fusion From EMG and Force-Position EPP. IEEE Transactions on Biomedical Engineering, 2013, 60, 3314-3321.	4.2	62