

Kevin Tanghe

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

186
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	Subject-Exoskeleton Contact Model Calibration Leads to Accurate Interaction Force Predictions. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1597-1605.	4.9	55
2	Model-based control for exoskeletons with series elastic actuators evaluated on sit-to-stand movements. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 65.	4.6	47
3	Real-Time Gait Event Detection Based on Kinematic Data Coupled to a Biomechanical Model â€. Sensors, 2017, 17, 671.	3.8	27
4	Gait Trajectory and Event Prediction from State Estimation for Exoskeletons During Gait. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 211-220.	4.9	25
5	Predicting Seat-Off and Detecting Start-of-Assistance Events for Assisting Sit-to-Stand With an Exoskeleton. IEEE Robotics and Automation Letters, 2016, 1, 792-799.	5.1	19
6	Realtime Delayless Estimation of Derivatives of Noisy Sensor Signals for Quasi-Cyclic Motions With Application to Joint Acceleration Estimation on an Exoskeleton. IEEE Robotics and Automation Letters, 2018, 3, 1647-1654.	5.1	8
7	A probabilistic method to estimate gait kinetics in the absence of ground reaction force measurements. Journal of Biomechanics, 2019, 96, 109327.	2.1	5