

Rachel Gehlhar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4712249/publications.pdf>

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8
papers

423
citations

2258059

3
h-index

2272923

4
g-index

8
all docs

8
docs citations

8
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofuel-powered soft electronic skin with multiplexed and wireless sensing for human-machine interfaces. <i>Science Robotics</i> , 2020, 5, .	17.6	385
2	Model-Based Adaptive Control of Transfemoral Prostheses: Theory, Simulation, and Experiments. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 1174-1191.	9.3	15
3	Separable Control Lyapunov Functions With Application to Prostheses. , 2021, 5, 559-564.		10
4	Natural Multicontact Walking for Robotic Assistive Devices via Musculoskeletal Models and Hybrid Zero Dynamics. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 4283-4290.	5.1	4
5	Data-driven Characterization of Human Interaction for Model-based Control of Powered Prostheses. , 2020, , .		3
6	Powered Prosthesis Locomotion on Varying Terrains: Model-Dependent Control With Real-Time Force Sensing. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 5151-5158.	5.1	3
7	Model-Dependent Prosthesis Control with Interaction Force Estimation. , 2021, , .		2
8	Estimate-to-State Stability for Hybrid Human-Prosthesis Systems. , 2021, , .		1