Gaoyang Pang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2849116/publications.pdf

Version: 2024-02-01

18	503	840776 11	996975 15
papers	citations	h-index	g-index

19	19	19	514
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GuLiM: A Hybrid Motion Mapping Technique for Teleoperation of Medical Assistive Robot in Combating the COVID-19 Pandemic. IEEE Transactions on Medical Robotics and Bionics, 2022, 4, 106-117.	3.2	16
2	Soft Robot Skin With Conformal Adaptability for On-Body Tactile Perception of Collaborative Robots. IEEE Robotics and Automation Letters, 2022, 7, 5127-5134.	5.1	20
3	Bioinspired Coâ€Đesign of Tactile Sensor and Deep Learning Algorithm for Humanâ€“Robot Interaction. Advanced Intelligent Systems, 2022, 4, .	6.1	14
4	CoboSkin: Soft Robot Skin With Variable Stiffness for Safer Humanâ€“Robot Collaboration. IEEE Transactions on Industrial Electronics, 2021, 68, 3303-3314.	7.9	58
5	Fluidâ€Đriven Soft CoboSkin for Safer Humanâ€“Robot Collaboration: Fabrication and Adaptation. Advanced Intelligent Systems, 2021, 3, 2000038.	6.1	10
6	Review of Robot Skin: A Potential Enabler for Safe Collaboration, Immersive Teleoperation, and Affective Interaction of Future Collaborative Robots. IEEE Transactions on Medical Robotics and Bionics, 2021, 3, 681-700.	3.2	29
7	A Fully Printed Flexible Sensor Sheet for Simultaneous Proximityâ€“Pressureâ€“Temperature Detection. Advanced Materials Technologies, 2021, 6, 2100616.	5.8	26
8	User-Interactive Robot Skin With Large-Area Scalability for Safer and Natural Human-Robot Collaboration in Future Telehealthcare. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4276-4288.	6.3	12
9	IoT-Enabled Robot Skin System for Enhancement of Safe Human-Robot Interaction. Lecture Notes in Computer Science, 2021, , 457-468.	1.3	0
10	A Fully Printed Flexible Sensor Sheet for Simultaneous Proximityâ€“Pressureâ€“Temperature Detection (Adv. Mater. Technol. 11/2021). Advanced Materials Technologies, 2021, 6, 2170065.	5.8	0
11	Design and Implementation of Robot Skin Using Highly Sensitive Sponge Sensor. IEEE Transactions on Medical Robotics and Bionics, 2020, 2, 670-680.	3.2	9
12	A Sensor Glove for the Interaction with a Nursing-Care Assistive Robot. , 2019, , .		6
13	Facile Fabrication of Highly Soft Tactile Sensor Based on Porous Sponge with Geometry Effect on Sensing Characteristics. , 2019, , .		2
14	Flexible Insole Sensors with Stably Connected Electrodes for Gait Phase Detection. Sensors, 2019, 19, 5197.	3.8	21
15	Non-Invasive Flexible and Stretchable Wearable Sensors With Nano-Based Enhancement for Chronic Disease Care. IEEE Reviews in Biomedical Engineering, 2019, 12, 34-71.	18.0	52
16	cGAN Based Facial Expression Recognition for Human-Robot Interaction. IEEE Access, 2019, 7, 9848-9859.	4.2	67
17	Development of Flexible Robot Skin for Safe and Natural Humanâ€“Robot Collaboration. Micromachines, 2018, 9, 576.	2.9	57
18	An IoT-Enabled Stroke Rehabilitation System Based on Smart Wearable Armband and Machine Learning. IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-10.	3.7	100