

Gaoyang Pang

List of Publications by Year in descending order

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18
papers

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840776

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19
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	cGAN Based Facial Expression Recognition for Human-Robot Interaction. IEEE Access, 2019, 7, 9848-9859.	4.2	67
3	CoboSkin: Soft Robot Skin With Variable Stiffness for Safer Human-Robot Collaboration. IEEE Transactions on Industrial Electronics, 2021, 68, 3303-3314.	7.9	58
4	Development of Flexible Robot Skin for Safe and Natural Human-Robot Collaboration. Micromachines, 2018, 9, 576.	2.9	57
5	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
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 Proximity-Pressure-Temperature Detection. Advanced Materials Technologies, 2021, 6, 2100616.	5.8	26
8	Flexible Insole Sensors with Stably Connected Electrodes for Gait Phase Detection. Sensors, 2019, 19, 5197.	3.8	21
9	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
10	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
11	Bioinspired Co-Design of Tactile Sensor and Deep Learning Algorithm for Human-Robot Interaction. Advanced Intelligent Systems, 2022, 4, .	6.1	14
12	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
13	Fluid-Driven Soft CoboSkin for Safer Human-Robot Collaboration: Fabrication and Adaptation. Advanced Intelligent Systems, 2021, 3, 2000038.	6.1	10
14	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
15	A Sensor Glove for the Interaction with a Nursing-Care Assistive Robot. , 2019, , .		6
16	Facile Fabrication of Highly Soft Tactile Sensor Based on Porous Sponge with Geometry Effect on Sensing Characteristics. , 2019, , .		2
17	IoT-Enabled Robot Skin System for Enhancement of Safe Human-Robot Interaction. Lecture Notes in Computer Science, 2021, , 457-468.	1.3	0
18	A Fully Printed Flexible Sensor Sheet for Simultaneous Proximity-Pressure-Temperature Detection (Adv. Mater. Technol. 11/2021). Advanced Materials Technologies, 2021, 6, 2170065.	5.8	0