

# Alessandro Roncone

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1141849/publications.pdf>

Version: 2024-02-01

20  
papers

362  
citations

1937685

4  
h-index

1872680

6  
g-index

21  
all docs

21  
docs citations

21  
times ranked

310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transparent role assignment and task allocation in human robot collaboration. , 2017, , .		72
2	Peripersonal Space and Margin of Safety around the Body: Learning Visuo-Tactile Associations in a Humanoid Robot with Artificial Skin. PLoS ONE, 2016, 11, e0163713.	2.5	41
3	A Cartesian 6-DoF Gaze Controller for Humanoid Robots. , 0, , .		39
4	Automatic kinematic chain calibration using artificial skin: Self-touch in the iCub humanoid robot. , 2014, , .		34
5	Real-time motion control of robotic manipulators for safe human-robot coexistence. Robotics and Computer-Integrated Manufacturing, 2022, 73, 102223.	9.9	28
6	3D stereo estimation and fully automated learning of eye-hand coordination in humanoid robots. , 2014, , .		22
7	Learning peripersonal space representation through artificial skin for avoidance and reaching with whole body surface. , 2015, , .		17
8	Preference-Based Assistance Prediction for Human-Robot Collaboration Tasks. , 2018, , .		17
9	Contact Anticipation for Physical Human-robot Interaction with Robotic Manipulators using Onboard Proximity Sensors. , 2021, , .		16
10	Compact Real-time Avoidance on a Humanoid Robot for Human-robot Interaction. , 2018, , .		15
11	Physiologically Inspired Blinking Behavior for a Humanoid Robot. Lecture Notes in Computer Science, 2016, , 83-93.	1.3	14
12	The HRC Model Set for Human-Robot Collaboration Research. , 2018, , .		12
13	Gaze stabilization for humanoid robots: A comprehensive framework. , 2014, , .		9
14	Situated Human-robot Collaboration: predicting intent from grounded natural language. , 2018, , .		8
15	Self-Contained Kinematic Calibration of a Novel Whole-Body Artificial Skin for Human-Robot Collaboration. , 2021, , .		4
16	How to be Helpful? Supportive Behaviors and Personalization for Human-Robot Collaboration. Frontiers in Robotics and AI, 2021, 8, 725780.	3.2	4
17	Cooperative Control of Mobile Robots with Stackelberg Learning. , 2020, , .		3
18	PokeRRT: Poking as a Skill and Failure Recovery Tactic for Planar Non-Prehensile Manipulation. IEEE Robotics and Automation Letters, 2022, 7, 4480-4487.	5.1	3

#	ARTICLE	IF	CITATIONS
19	Learning peripersonal space representation in a humanoid robot with artificial skin. <i>AI Matters</i> , 2017, 3, 17-18.	0.4	0
20	Learning peripersonal space representation in a humanoid robot with artificial skin. <i>AI Matters</i> , 2017, 3, 17-18.	0.4	0