

Zdeněk Materna

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/382073/publications.pdf>

Version: 2024-02-01

11
papers

240
citations

1684188

5
h-index

2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous plane detection in point-cloud data based on 3D Hough Transform. Journal of Visual Communication and Image Representation, 2014, 25, 86-97.	2.8	92
2	Design of the Human-Robot Interaction for a Semi-Autonomous Service Robot to Assist Elderly People. Advanced Technologies and Societal Change, 2015, , 15-29.	0.9	35
3	Semi-Autonomous Domestic Service Robots: Evaluation of a User Interface for Remote Manipulation and Navigation With Focus on Effects of Stereoscopic Display. International Journal of Social Robotics, 2015, 7, 183-202.	4.6	20
4	Interactive Spatial Augmented Reality in Collaborative Robot Programming: User Experience Evaluation. , 2018, , .		18
5	Combining Interactive Spatial Augmented Reality with Head-Mounted Display for End-User Collaborative Robot Programming. , 2019, , .		18
6	Teleoperating Assistive Robots: A Novel User Interface Relying on Semi-Autonomy and 3D Environment Mapping. Journal of Robotics and Mechatronics, 2017, 29, 381-394.	1.0	16
7	Spatially Situated End-User Robot Programming in Augmented Reality. , 2019, , .		10
8	Using Persona, Scenario, and Use Case to Develop a Human-Robot Augmented Reality Collaborative Workspace. , 2017, , .		8
9	Simplified industrial robot programming: Effects of errors on multimodal interaction in WoZ experiment. , 2016, , .		7
10	Industrial Human-Robot Interaction. , 2017, , .		1
11	End-User Robot Programming Case Study. , 2020, , .		1