

# Roberto Manduchi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11486928/publications.pdf>

Version: 2024-02-01

17  
papers

422  
citations

1307594

7  
h-index

1720034

7  
g-index

18  
all docs

18  
docs citations

18  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	(Computer) vision without sight. Communications of the ACM, 2012, 55, 96-104.	4.5	102
2	FUNCTIONAL ASSESSMENT OF A CAMERA PHONE-BASED WAYFINDING SYSTEM OPERATED BY BLIND AND VISUALLY IMPAIRED USERS. International Journal on Artificial Intelligence Tools, 2009, 18, 379-397.	1.0	47
3	Blind guidance using mobile computer vision. , 2010, , .		41
4	A theory of color barcodes. , 2011, , .		29
5	The last meter. , 2014, 2014, 3113-3122.		28
6	Learning Outdoor Color Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 1713-1723.	13.9	25
7	An Ultralow-Power Wireless Camera Node: Development and Performance Analysis. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3824-3832.	4.7	25
8	A fast and robust text spotter. , 2016, 2016, .		22
9	Robust real-time detection of multi-color markers on a cell phone. Journal of Real-Time Image Processing, 2013, 8, 207-223.	3.5	20
10	Real-time gaze estimation via pupil center tracking. Paladyn, 2018, 9, 6-18.	2.7	9
11	An Ultra-Low-Power Contrast-Based Integrated Camera Node and its Application as a People Counter. , 2010, , .		8
12	Probabilistic Phase Unwrapping for Single-Frequency Time-of-Flight Range Cameras. , 2014, , .		6
13	Performance analysis of a wireless camera network node. , 2010, , .		5
14	Fast single-frequency time-of-flight range imaging. , 2015, , .		5
15	Estimation and detection in the presence of ringing noise. , 2010, , .		4
16	A low-power stereo vision system based on a custom CMOS imager with positional data coding. , 2011, , .		4
17	The ROC-Boost Design Algorithm for Asymmetric Classification. , 2011, , .		0