

# Ester Martinez-Martin

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

399  
citations

933447

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839539

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53  
all docs

53  
docs citations

53  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	MATHS FOR ENGINEERING: PARTING FROM CLASSICAL METHODS. EDULEARN Proceedings, 2022, , .	0.0	0
2	Robot Vision for Manipulation: A Trip to Real-World Applications. IEEE Access, 2021, 9, 3471-3481.	4.2	5
3	The Uji Aerial Librarian Robot: A Quadcopter for Visual Library Inventory and Book Localisation. Sensors, 2021, 21, 1079.	3.8	9
4	FROM IN-PERSON TO ONLINE LESSONS: A STUDY. , 2021, , .		0
5	Deep Learning Techniques for Spanish Sign Language Interpretation. Computational Intelligence and Neuroscience, 2021, 2021, 1-10.	1.7	7
6	Assistive Technology for Elderly Care: An Overview. IEEE Access, 2021, 9, 92420-92430.	4.2	10
7	EVA: EVALuating at-home rehabilitation exercises using augmented reality and low-cost sensors. Virtual Reality, 2020, 24, 567-581.	6.1	15
8	Machine Learning Techniques for Assistive Robotics. Electronics (Switzerland), 2020, 9, 821.	3.1	2
9	Socially Assistive Robots for Older Adults and People with Autism: An Overview. Electronics (Switzerland), 2020, 9, 367.	3.1	55
10	THE ROLE OF PROACTIVITY IN A COMPUTER VISION SUBJECT. , 2020, , .		0
11	Rehabilitation Technology: Assistance from Hospital to Home. Computational Intelligence and Neuroscience, 2019, 2019, 1-8.	1.7	17
12	PHAROS 2.0â€”A PHYSICAL ASSISTANT ROBOT SYSTEM IMPROVED. Sensors, 2019, 19, 4531.	3.8	23
13	A Socially Assistive Robot for Elderly Exercise Promotion. IEEE Access, 2019, 7, 75515-75529.	4.2	20
14	Vision for Robust Robot Manipulation. Sensors, 2019, 19, 1648.	3.8	8
15	A PROJECT-BASED LEARNING IN ROBOTICS ENGINEERING: A PILOT STUDY. INTED Proceedings, 2019, , .	0.0	0
16	ANALIZING STUDENTS AND TEACHERSâ€™ EMOTIONS DURING CLASS FOR IMPROVED LEARNING. INTED Proceedings, 2019, , .	0.0	0
17	Personal Robot Assistants for Elderly Care: An Overview. Intelligent Systems Reference Library, 2018, , 77-91.	1.2	42
18	Geoffrey: An Automated Schedule System on a Social Robot for the Intellectually Challenged. Computational Intelligence and Neuroscience, 2018, 2018, 1-17.	1.7	8

#	ARTICLE	IF	CITATIONS
19	A Biologically Inspired Approach for Robot Depth Estimation. Computational Intelligence and Neuroscience, 2018, 2018, 1-16.	1.7	1
20	PHAROSâ€™Physical Assistant ROBot System. Sensors, 2018, 18, 2633.	3.8	49
21	An RGB-D Visual Application for Error Detection in Robot Grasping Tasks. Advances in Intelligent Systems and Computing, 2017, , 243-254.	0.6	2
22	Object Detection and Recognition for Assistive Robots: Experimentation and Implementation. IEEE Robotics and Automation Magazine, 2017, 24, 123-138.	2.0	37
23	Robust Motion Detection and Tracking for Human-Robot Interaction. , 2017, , .		3
24	UJI RobInLab's approach to the Amazon Robotics Challenge 2017. , 2017, , .		3
25	Conflict Resolution in Robotics. Advances in Linguistics and Communication Studies, 2016, , 263-278.	0.2	1
26	An Active System for Visually-Guided Reaching in 3D across Binocular Fixations. Scientific World Journal, The, 2014, 2014, 1-16.	2.1	2
27	From Animals to Animats 13. Lecture Notes in Computer Science, 2014, , .	1.3	1
28	Animal Social Behaviour: A Visual Analysis. Lecture Notes in Computer Science, 2014, , 320-327.	1.3	1
29	Visual object recognition for robot tasks in real-life scenarios. , 2013, , .		5
30	Visual people detection for safe Human-Robot Interaction. , 2013, , .		2
31	Find It â€“ An Assistant Home Agent. Advances in Intelligent Systems and Computing, 2013, , 121-128.	0.6	1
32	Qualitative Acceleration Model: Representation, Reasoning and Application. Advances in Intelligent Systems and Computing, 2013, , 87-94.	0.6	0
33	Robust Object Recognition in Unstructured Environments. Advances in Intelligent Systems and Computing, 2013, , 705-714.	0.6	1
34	Object Recognition in Cluttered Environments. , 2013, , .		0
35	Visual surveillance for human-robot interaction. , 2012, , .		3
36	Computer vision methods for robot tasks: Motion detection, depth estimation and tracking. AI Communications, 2012, 25, 373-375.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Motion Detection in Static Backgrounds. SpringerBriefs in Computer Science, 2012, , 5-42.	0.2	4
38	A General Framework for Naming Qualitative Models Based on Intervals. Advances in Intelligent and Soft Computing, 2012, , 681-688.	0.2	2
39	An integrated virtual environment for visual-based reaching. , 2011, , .		3
40	A panoramic vision system for human-robot interaction. , 2010, , .		0
41	A Hybrid Algorithm for Motion Segmentation. , 2010, , .		0
42	A panoramic vision system for human-robot interaction. , 2010, , .		0
43	Safety for human-robot interaction in dynamic environments. , 2009, , .		2
44	The UJI librarian robot. Intelligent Service Robotics, 2008, 1, 321-335.	2.6	21
45	Safety for a robot arm moving amidst humans by using panoramic vision. , 2008, , .		11
46	Conflict Resolution in Robotics. , 0, , 2623-2638.		1