FranÃ§ois Ferland

List of Publications by Year in descending order

17 papers	**264** citations	1163117 **8** h-index	1281871 **11** g-index
17 all docs	**17** docs citations	**17** times ranked	**328** citing authors

#	Article	IF	Citations
1	ENRICHME: Perception and Interaction of an Assistive Robot for the Elderly at Home. International Journal of Social Robotics, 2020, 12, 779-805.	4.6	65
2	The ManyEars open framework. Autonomous Robots, 2013, 34, 217-232.	4.8	53
3	Contact-Free Respiration Rate Monitoring Using a Panâ€"Tilt Thermal Camera for Stationary Bike Telerehabilitation Sessions. IEEE Systems Journal, 2016, 10, 1046-1055.	4.6	31
4	Design and integration of a spatio-temporal memory with emotional influences to categorize and recall the experiences of an autonomous mobile robot. Autonomous Robots, 2016, 40, 831-848.	4.8	28
5	Toward Autonomous, Compliant, Omnidirectional Humanoid Robots for Natural Interaction in Real-Life Settings. Paladyn, 2010, 1, 57-65.	2.7	12
6	OpenTera: A microservice architecture solution for rapid prototyping of robotic solutions to COVID-19 challenges in care facilities. Health and Technology, 2022, 12, 583-596.	3.6	12
7	Selective Attention by Perceptual Filtering in a Robot Control Architecture. IEEE Transactions on Cognitive and Developmental Systems, 2016, 8, 256-270.	3.8	10
8	Taking your robot for a walk: Force-guiding a mobile robot using compliant arms. , 2013, , .		9
9	Fusion Adaptive Resonance Theory Networks Used as Episodic Memory for an Autonomous Robot. Lecture Notes in Computer Science, 2014, , 63-72.	1.3	8
10	Sorry to Interrupt, But May I Have Your Attention? Preliminary Design and Evaluation of Autonomous Engagement in HRI. Journal of Human-robot Interaction, 2013, 2, .	2.0	8
11	3D Localization of a Sound Source Using Mobile Microphone Arrays Referenced by SLAM. , 2020, , .		8
12	Coordination mechanism for integrated design of Human-Robot Interaction scenarios. Paladyn, 2017, 8, 100-111.	2.7	7
13	Toward enhancing the autonomy of a telepresence mobile robot for remote home care assistance. Paladyn, 2021, 12, 214-237.	2.7	6
14	Assistive Humanoid Robots for the Elderly with Mild Cognitive Impairment. , 2017, , 1-20.		4
15	Assistive Humanoid Robots for the Elderly with Mild Cognitive Impairment. , 2019, , 2377-2396.		2
16	Visualisation of Sound Source Location in a Teleoperation Interface for a Mobile Robot. , 2015, , .		1
17	From Humans and Back: a Survey on Using Machine Learning to both Socially Perceive Humans and Explain to Them Robot Behaviours. Current Robotics Reports, 2020, 1, 49-58.	7.9	0