

François Ferland

List of Publications by Year in descending order

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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	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
2	Toward enhancing the autonomy of a telepresence mobile robot for remote home care assistance. Paladyn, 2021, 12, 214-237.	2.7	6
3	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
4	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
5	3D Localization of a Sound Source Using Mobile Microphone Arrays Referenced by SLAM. , 2020, , .		8
6	Assistive Humanoid Robots for the Elderly with Mild Cognitive Impairment. , 2019, , 2377-2396.		2
7	Coordination mechanism for integrated design of Human-Robot Interaction scenarios. Paladyn, 2017, 8, 100-111.	2.7	7
8	Assistive Humanoid Robots for the Elderly with Mild Cognitive Impairment. , 2017, , 1-20.		4
9	Selective Attention by Perceptual Filtering in a Robot Control Architecture. IEEE Transactions on Cognitive and Developmental Systems, 2016, 8, 256-270.	3.8	10
10	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
11	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
12	Visualisation of Sound Source Location in a Teleoperation Interface for a Mobile Robot. , 2015, , .		1
13	Fusion Adaptive Resonance Theory Networks Used as Episodic Memory for an Autonomous Robot. Lecture Notes in Computer Science, 2014, , 63-72.	1.3	8
14	Taking your robot for a walk: Force-guiding a mobile robot using compliant arms. , 2013, , .		9
15	The ManyEars open framework. Autonomous Robots, 2013, 34, 217-232.	4.8	53
16	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
17	Toward Autonomous, Compliant, Omnidirectional Humanoid Robots for Natural Interaction in Real-Life Settings. Paladyn, 2010, 1, 57-65.	2.7	12