Nicola Catenacci Volpi

List of Publications by Year
in descending order

13 papers	88 citations	1684188 5 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	108 citing authors

#	Article	IF	Citations
1	Goal-Directed Empowerment: Combining Intrinsic Motivation and Task-Oriented Behavior. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 361-372.	3.8	5
2	Space Emerges from What We Knowâ€"Spatial Categorisations Induced by Information Constraints. Entropy, 2020, 22, 1179.	2.2	2
3	Decoupled Sampling-Based Motion Planning for Multiple Autonomous Marine Vehicles. , 2018, , .		3
4	Towards event-based MCTS for autonomous cars. , 2017, , .		0
5	Widely Scalable Mobile Underwater Sonar Technology: An Overview of the H2020 WiMUST Project. Marine Technology Society Journal, 2016, 50, 42-53.	0.4	25
6	Overview and first year progress of the Widely scalable Mobile Underwater Sonar Technology H2020 project**This work has received funding from the European Unionâ€™s Horizon 2020 research and innovation programme under grant agreement No. 645141 (WiMUST project, http://www.wimust.eu).. IFAC-PapersOnLine, 2016, 49, 430-433.	0.9	4
7	Computation of Empowerment for an Autonomous Underwater Vehicle**This work was partially supported by EC Horizon 2020 programme under the project WiMUST (Grant agreement no: 645141,) Tj ETQq1 1 0.784314 rgBT /Ov		3
8	The Widely scalable Mobile Underwater Sonar Technology (WiMUST) H2020 project: First year status. , 2016, , .		3
9	The Cat is on the Mat. or is it a Dog? Dynamic Competition in Perceptual Decision Making. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 539-551.	9.3	21
10	How active perception and attractor dynamics shape perceptual categorization: A computational model. Neural Networks, 2014, 60, 1-16.	5.9	6
11	Attention Training with an Easyâ€"toâ€"Use Brain Computer Interface. Lecture Notes in Computer Science, 2014, , 236-247.	1.3	9
12	Learning Epistemic Actions in Model-Free Memory-Free Reinforcement Learning: Experiments with a Neuro-robotic Model. Lecture Notes in Computer Science, 2013, , 191-203.	1.3	6
13	Learning to Grasp Information with Your Own Hands. Lecture Notes in Computer Science, 2011, , 398-399.	1.3	1