

Gastone Pietro Rosati Papini

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

384
citations

933447

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14
g-index

25
all docs

25
docs citations

25
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant wave energy harvester based on dielectric elastomer generator. Smart Materials and Structures, 2018, 27, 035015.	3.5	75
2	Reduced Model and Application of Inflating Circular Diaphragm Dielectric Elastomer Generators for Wave Energy Harvesting. Journal of Vibration and Acoustics, Transactions of the ASME, 2015, 137, .	1.6	60
3	Modelling and testing of a wave energy converter based on dielectric elastomer generators. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20180566.	2.1	41
4	Modelling longitudinal vehicle dynamics with neural networks. Vehicle System Dynamics, 2020, 58, 1675-1693.	3.7	26
5	Control of an oscillating water column wave energy converter based on dielectric elastomer generator. Nonlinear Dynamics, 2018, 92, 181-202.	5.2	24
6	Oscillating-water-column wave-energy-converter based on dielectric elastomer generator. Proceedings of SPIE, 2013, , .	0.8	22
7	In-tank tests of a dielectric elastomer generator for wave energy harvesting. , 2014, , .		20
8	A Mental Simulation Approach for Learning Neural-Network Predictive Control (in Self-Driving Cars). IEEE Access, 2020, 8, 192041-192064.	4.2	18
9	Desktop Haptic Interface for Simulation of Hand-Tremor. IEEE Transactions on Haptics, 2016, 9, 33-42.	2.7	15
10	Agent Architecture for Adaptive Behaviors in Autonomous Driving. IEEE Access, 2020, 8, 154906-154923.	4.2	13
11	A Reinforcement Learning Approach for Enacting Cautious Behaviours in Autonomous Driving System: Safe Speed Choice in the Interaction With Distracted Pedestrians. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8805-8822.	8.0	11
12	On the Stability and Robustness of Hierarchical Vehicle Lateral Control With Inverse/Forward Dynamics Quasi-Cancellation. IEEE Transactions on Vehicular Technology, 2019, 68, 10559-10570.	6.3	8
13	Dynamic Model of Dielectric Elastomer Diaphragm Generators for Oscillating Water Column Wave Energy Converters. , 2013, , .		7
14	Efficient Prediction of Human Motion for Real-Time Robotics Applications With Physics-Inspired Neural Networks. IEEE Access, 2022, 10, 144-157.	4.2	7
15	Analysis and Design of an Oscillating Water Column Wave Energy Converter With Dielectric Elastomer Power Take-Off. , 2015, , .		6
16	Field Experiments on Dielectric Elastomer Generators Integrated on a U-OWC Wave Energy Converter. , 2018, , .		6
17	Mental Imagery for Intelligent Vehicles. , 2019, , .		5
18	Occupancy Grid Mapping with Cognitive Plausibility for Autonomous Driving Applications. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
19	The Biasing of Action Selection Produces Emergent Human-Robot Interactions in Autonomous Driving. IEEE Robotics and Automation Letters, 2022, 7, 1254-1261.	5.1	4
20	Hardware in the loop simulation of a dielectric elastomer generator for oscillating water column wave energy converters. , 2015, , .		3
21	Transparent force control for Body Extender. , 2012, , .		2
22	A flexible framework for mobile based haptic rendering. , 2013, , .		2
23	Autonomous Vehicle Architecture Inspired by the Neurocognition of Human Driving. , 2018, , .		2
24	Haptic hand-tremor simulation for enhancing empathy with disabled users. , 2013, , .		1
25	Dreaming Mechanism for Training Bio-Inspired Driving Agents. Advances in Intelligent Systems and Computing, 2019, , 429-434.	0.6	1