

Athanasios Ch Kapoutsis

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

311
citations

1307594

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h-index

1281871

11
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17
all docs

17
docs citations

17
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	DARP: Divide Areas Algorithm for Optimal Multi-Robot Coverage Path Planning. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 86, 663-680.	3.4	106
2	Real-time adaptive multi-robot exploration with application to underwater map construction. Autonomous Robots, 2016, 40, 987-1015.	4.8	43
3	Localizing global descriptors for content-based image retrieval. Eurasip Journal on Advances in Signal Processing, 2015, 2015, .	1.7	29
4	Searching images with MPEG-7 (&MPEG-7-like) Powered Localized dDescriptors: The SIMPLE answer to effective Content Based Image Retrieval. , 2014, , .		26
5	Cooperative multi-UAV coverage mission planning platform for remote sensing applications. Autonomous Robots, 2022, 46, 373-400.	4.8	26
6	A distributed, plug-n-play algorithm for multi-robot applications with a priori non-computable objective functions. International Journal of Robotics Research, 2019, 38, 813-832.	8.5	22
7	Autonomous and Cooperative Design of the Monitor Positions for a Team of UAVs to Maximize the Quantity and Quality of Detected Objects. IEEE Robotics and Automation Letters, 2020, 5, 4986-4993.	5.1	17
8	Embedding autonomy in large-scale IoT ecosystems using CAO and L4G-CAO. Discover Internet of Things, 2021, 1, 1.	4.8	10
9	Towards an Integrated Low-Cost Agricultural Monitoring System with Unmanned Aircraft System. , 2020, , .		8
10	Building synergetic consensus for dynamic gas-plume tracking applications using UAV platforms. Computers and Electrical Engineering, 2021, 91, 107029.	4.8	8
11	Autonomous Trajectory Design System for Mapping of Unknown Sea-floors using a team of AUVs. , 2018, , .		5
12	MarsExplorer: Exploration of Unknown Terrains via Deep Reinforcement Learning and Procedurally Generated Environments. Electronics (Switzerland), 2021, 10, 2751.	3.1	4
13	Continuously informed heuristic A*—optimal path retrieval inside an unknown environment. , 2017, , .		3
14	Autonomous Swarm of Heterogeneous Robots for Surveillance Operations. Lecture Notes in Computer Science, 2019, , 787-796.	1.3	3
15	Employing Cellular Automata for Shaping Accurate Morphology Maps Using Scattered Data from Roboticsâ€™ Missions. Emergence, Complexity and Computation, 2015, , 229-246.	0.3	0
16	M&S Based Testbed to Support V&V of Autonomous Resources Task Coordinator. Lecture Notes in Computer Science, 2021, , 123-138.	1.3	0