

Athanasios Ch Kapoutsis

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

311
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1307594

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1281871

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g-index

17
all docs

17
docs citations

17
times ranked

218
citing authors

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