

Charis Ntakolia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

81
citations

6
h-index

7
g-index

22
ext. papers

158
ext. citations

2.7
avg, IF

3.57
L-index

#	Paper	IF	Citations
17	A swarm intelligence graph-based pathfinding algorithm (SIGPA) for multi-objective route planning. <i>Computers and Operations Research</i> , 2021 , 133, 105358	4.6	10
16	Digital Enhancement of Cultural Experience and Accessibility for the Visually Impaired. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 237-271	0.6	8
15	A Lightweight Convolutional Neural Network Architecture Applied for Bone Metastasis Classification in Nuclear Medicine: A Case Study on Prostate Cancer Patients. <i>Healthcare (Switzerland)</i> , 2020 , 8,	3.4	7
14	A dynamic integer programming approach for free flight air traffic management (ATM) scenario with 4D-trajectories and energy efficiency aspects. <i>Optimization Letters</i> , 2020 , 14, 1659-1680	1.1	7
13	Air traffic management and energy efficiency: the free flight concept. <i>Energy Systems</i> , 2017 , 8, 709-726	1.7	6
12	Prediction of Joint Space Narrowing Progression in Knee Osteoarthritis Patients. <i>Diagnostics</i> , 2021 , 11,	3.8	6
11	User-centered system design for assisted navigation of visually impaired individuals in outdoor cultural environments. <i>Universal Access in the Information Society</i> , 2020 , 1	2.5	5
10	A route planning framework for smart wearable assistive navigation systems. <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	5
9	Obstacle Detection Based on Generative Adversarial Networks and Fuzzy Sets for Computer-Assisted Navigation. <i>Communications in Computer and Information Science</i> , 2019 , 533-544	0.3	4
8	Machine learning applied on the district heating and cooling sector: a review. <i>Energy Systems</i> ,1	1.7	4
7	Explainable machine learning for knee osteoarthritis diagnosis based on a novel fuzzy feature selection methodology.. <i>Physical and Engineering Sciences in Medicine</i> , 2022 , 45, 219	7	3
6	A Swarm Intelligence Graph-Based Pathfinding Algorithm Based on Fuzzy Logic (SIGPAF): A Case Study on Unmanned Surface Vehicle Multi-Objective Path Planning. <i>Journal of Marine Science and Engineering</i> , 2021 , 9, 1243	2.4	3
5	A comparative study on Ant Colony Optimization algorithm approaches for solving multi-objective path planning problems in case of unmanned surface vehicles. <i>Ocean Engineering</i> , 2022 , 255, 111418	3.9	3
4	An Explainable Machine Learning Approach for COVID-19's Impact on Mood States of Children and Adolescents during the First Lockdown in Greece.. <i>Healthcare (Switzerland)</i> , 2022 , 10,	3.4	2
3	A n ID ant colony optimization with fuzzy logic for air traffic flow management. <i>Operational Research</i> ,1	1.6	2
2	A machine learning pipeline for predicting joint space narrowing in knee osteoarthritis patients 2020 ,		2
1	Identification of most important features based on a fuzzy ensemble technique: Evaluation on joint space narrowing progression in knee osteoarthritis patients. <i>International Journal of Medical Informatics</i> , 2021 , 156, 104614	5.3	2

