

Charis Ntakolia

List of Publications by Year in Descending Order

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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 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | Prediction of Joint Space Narrowing Progression in Knee Osteoarthritis Patients. <i>Diagnostics</i> , 2021 , 11, | 3.8 | 6 |
| 11 | 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 |
| 10 | A route planning framework for smart wearable assistive navigation systems. <i>SN Applied Sciences</i> , 2021 , 3, 1 | 1.8 | 5 |
| 9 | A machine learning pipeline for predicting joint space narrowing in knee osteoarthritis patients 2020 , | | 2 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | 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 |
| 4 | 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 |
| 3 | Air traffic management and energy efficiency: the free flight concept. <i>Energy Systems</i> , 2017 , 8, 709-726 | 1.7 | 6 |
| 2 | An Ant colony optimization with fuzzy logic for air traffic flow management. <i>Operational Research</i> ,1 | 1.6 | 2 |
| 1 | Machine learning applied on the district heating and cooling sector: a review. <i>Energy Systems</i> ,1 | 1.7 | 4 |

