# Christoph Tholen

List of Publications by Year
in descending order



| 18 | 51 | 2258059 3 | 2053705 5 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 18 | 18 | 18 | 25 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Parameter Search for a Small Swarm of AUVs Using Particle Swarm Optimisation. Lecture Notes in Computer Science, 2017, , 384-396. | 1.3 | 7 |
| 2 | On the Robustness of Self-Adaptive Levy-Flight. , 2018, , . | | 7 |
| 3 | On The Effect Of Neighborhood Schemes And Cell Shape On The Behaviour Of Cellular Automata Applied To The Simulation Of Submarine Groundwater Discharge. , 2017, , . | | 6 |
| 4 | Artificial Intelligence Search Strategies for Autonomous Underwater Vehicles Applied for Submarine Groundwater Discharge Site Investigation. Journal of Marine Science and Engineering, 2022, 10, 7. | 2.6 | 6 |
| 5 | On the Influence of Localisation and Communication Error on the Behaviour of a Swarm of Autonomous Underwater Vehicles. Advances in Intelligent Systems and Computing, 2019, , 68-79. | 0.6 | 4 |
| 6 | Blind Search Patterns For Off-Line Path Planning. , 2018, , . | | 4 |
| 7 | Informed Search Patterns For Alleviating The Impact Of The Localisation Problem. , 2019, , . | | 3 |
| 8 | Development of an intelligent and distributed low-cost platform for marine observations. , 2019, , . | | 2 |
| 9 | Investigation of the Spatio-Temporal Behaviour of Submarine Groundwater Discharge Using a Low-Cost Multi-Sensor-Platform. Journal of Marine Science and Engineering, 2021, 9, 802. | 2.6 | 2 |
| 10 | Automated Tuning Of A Cellular Automata Using Parallel Asynchronous Particle Swarm Optimisation. , 2019, , . | | 2 |
| 11 | Optimal Receiver Configuration Of Short-Baseline Localisation Systems Using Particle Swarm Optimisation. , 2020, , . | | 2 |
| 12 | Towards Reducing the Impact of Localisation Errors on the Behaviour of a Swarm of Autonomous Underwater Vehicles. Mendel, 2020, 26, 1-8. | 1.0 | 2 |
| 13 | Development and Evaluation of a Low-Cost Autonomous Surface Vehicle for Environmental Measurement Tasks. , 2019, , . | | 1 |
| 14 | Using The CMA Evolution Strategy For Locating Submarine Groundwater Discharge. , 2020, , . | | 1 |
| 15 | On Localisation Errors and Cooperative Search for a Swarm of AUVs. , 2020, , . | | 1 |
| 16 | On the localization of artificial submarine groundwater discharge sites using a low-cost multi-sensor-platform. , 2020, , . | | 1 |
| 17 | On A Novel Search Strategy Based On A Combination Of Particle Swarm Optimisation And Levy-Flight. , 2018, , . | | 0 |
| 18 | A Sequential Population-Based Search for AUVs. , 2020, , . | | 0 |