

Tim Clarke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5244026/publications.pdf>

Version: 2024-02-01

26
papers

134
citations

1684188

5
h-index

1588992

8
g-index

28
all docs

28
docs citations

28
times ranked

155
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Use of Q-learning approaches for practical medium access control in wireless sensor networks. Engineering Applications of Artificial Intelligence, 2016, 55, 146-154. | 8.1 | 31 |
| 2 | Distributed Q-learning based dynamic spectrum management in cognitive cellular systems: Choosing the right learning rate. , 2014, , . | | 15 |
| 3 | Distributed Q-learning based dynamic spectrum access in high capacity density cognitive cellular systems using secondary LTE spectrum sharing. , 2014, , . | | 15 |
| 4 | Transfer learning and cooperation management: balancing the quality of service and information exchange overhead in cognitive radio networks. Transactions on Emerging Telecommunications Technologies, 2015, 26, 290-301. | 3.9 | 11 |
| 5 | Transfer Learning: A Paradigm for Dynamic Spectrum and Topology Management in Flexible Architectures. , 2013, , . | | 9 |
| 6 | Single-state Q-learning for self-organised radio resource management in dual-hop 5G high capacity density networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1628-1640. | 3.9 | 9 |
| 7 | Observer/Kalman Filter Identification With Wavelets. IEEE Transactions on Signal Processing, 2012, 60, 3476-3485. | 5.3 | 8 |
| 8 | Using feedback to regulate gene expression in a developmental control architecture. , 2007, , . | | 6 |
| 9 | An Ecological Approach to Measuring Locality in Linear Genotype to Phenotype Maps. Lecture Notes in Computer Science, 2012, , 170-181. | 1.3 | 6 |
| 10 | Semantic Bias in Program Coevolution. Lecture Notes in Computer Science, 2013, , 193-204. | 1.3 | 6 |
| 11 | Multichannel non-persistent CSMA MAC schemes with reinforcement learning for cognitive radio networks. , 2011, , . | | 5 |
| 12 | PLAZZMID: An Evolutionary Agent-Based Architecture Inspired by Bacteria and Bees. , 2007, , 1151-1160. | | 4 |
| 13 | Intelligent Dynamic Spectrum Access in Cellular Systems with Asymmetric Topologies and Non-Uniform Traffic Loads. , 2015, , . | | 3 |
| 14 | A Neuro-Immune Inspired Robust Real Time Visual Tracking System. Lecture Notes in Computer Science, 2008, , 188-199. | 1.3 | 2 |
| 15 | Molecular Microprograms. Lecture Notes in Computer Science, 2011, , 297-304. | 1.3 | 2 |
| 16 | Gene regulation in a particle metabolome. , 2009, , . | | 1 |
| 17 | Intelligent Secondary LTE Spectrum Sharing in High Capacity Cognitive Cellular Systems. , 2015, , . | | 1 |
| 18 | Using Data Confluences in a Distributed Network with Social Monitoring to Identify Fault Conditions. , 2006, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Evolutionary Search Applied to Reconfigurable Analogue Control. , 2007, , . | | 0 |
| 20 | On full aspect conveyed object inspection at high speed. , 2008, , . | | 0 |
| 21 | Shaky Hand: A Novel Laboratory Demonstrator. IEEE Transactions on Control Systems Technology, 2010, 18, 622-635. | 5.2 | 0 |
| 22 | A Lymphocyte-Cytokine Network Inspired Algorithm for Data Analysis. Lecture Notes in Computer Science, 2011, , 187-197. | 1.3 | 0 |
| 23 | Swarming Medium Access Control Protocol for Large-Scale Wireless Sensor Networks. , 2015, , . | | 0 |
| 24 | Using Bayesian networks for convergence analysis of intelligent dynamic spectrum access algorithms. , 2015, , . | | 0 |
| 25 | Helicopter flight control compensator design. AIP Conference Proceedings, 2017, , . | 0.4 | 0 |
| 26 | Multistage output-lifting eigenstructure assignment: a multirate ball and plate example. International Journal of Control, 2019, 92, 2761-2775. | 1.9 | 0 |