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Education

- ✓ B.Sc, Computer Engineering, Sharif University of Technology - 1996
- ✓ MS, Computer Engineering, University of Tehran - 1999
- ✓ PhD, Computer Science, Sherbrooke - 2010

Courses

1. Advanced artificial intelligence
2. Special Topics in Artificial Intelligence

Journals Papers

2021

1. [A modified binary particle swarm optimization with a machine learning algorithm and molecular docking for QSAR modelling of cholinesterase inhibitors](#)

Elaheh Shamsi, Amin Rahati, Effat Dehghanian

SAR AND QSAR IN ENVIRONMENTAL RESEARCH Volume: (32) 745 - 767

2020

2. [A novel harmony search algorithm and its application to data clustering](#)

Kazem Talaei, Amin Rahati, Lhassane Idoumghar

APPLIED SOFT COMPUTING Volume: (92) 106273-1 - 106273-29

3. [Prioritizing the counties of Sistan and Baluchestan province in order to optimize the management of drought budget](#)

Baqer Kord, Amin Rahati, Peyman Mahmoudi, Parviz Khosravi, Harir Bidar

Volume: (7) 1 - 20

2019

4. [Enhanced GROMACS: toward a better numerical simulation framework](#)

Hojjat Rakhshani, Effat Dehghanian, Amin Rahati

JOURNAL OF MOLECULAR MODELING Volume: (25) 355 - 363

2018

5. [An improved artificial bee colony algorithm and its application to reliability optimization problems](#)

, Amin Rahati

APPLIED SOFT COMPUTING Volume: (62) 736 - 767

2017

6. [Snap-drift cuckoo search: A novel cuckoo search optimization algorithm](#)

Hojat Rakhshani, Amin Rahati

APPLIED SOFT COMPUTING Volume: (52) 771 - 794

7. [Intelligent Multiple Search Strategy Cuckoo Algorithm for Numerical and Engineering Optimization Problems](#)

Hojat Rakhshani, Amin Rahati

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING Volume: (42) 567 - 593

2016

8. Hierarchy cuckoo search algorithm for parameter estimation in biological systems

Hojat Rakhshani, Effat Dehghanian, Amin Rahati

CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS Volume: (159) 97 - 107

9. -Hierarchy Cuckoo Search Algorithm for parameter estimation in biological systems

Hojat Rakhshani, Effat Dehghanian, Amin Rahati

CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS Volume: (159) 1 - 11

Conferences Papers

2019

1. Improved Backtracking Search algorithm by new adaptive mutations

3rd international conference on soft computing

Esmail Mirkazehi Rigi, Amin Rahati

Research Project

2002

1. Creating Research Database under Network

Amin Rahati, - 2002