Lamjed Ben Said

List of Publications by Citations

138 papers	1,374 citations	17 h-index	32 g-index
155 ext. papers	1,764 ext. citations	2.8 avg, IF	5.32 L-index

#	Paper	IF	Citations
138	The r-Dominance: A New Dominance Relation for Interactive Evolutionary Multicriteria Decision Making. *IEEE Transactions on Evolutionary Computation*, **2010**, 14, 801-818	15.6	201
137	A New Decomposition-Based NSGA-II for Many-Objective Optimization. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 1191-1210	7.3	120
136	Scheduling problems under learning effects: classification and cartography. *International Journal of Production Research*, **2018**, 56, 1642-1661	7.8	62
135	Searching for knee regions of the Pareto front using mobile reference points. *Soft Computing*, **2011**, 15, 1807-1823	3.5	56
134	Preference Incorporation in Evolutionary Multiobjective Optimization. *Advances in Computers*, **2015**, 98, 141-207	2.9	54
133	An Efficient Chemical Reaction Optimization Algorithm for Multiobjective Optimization. *IEEE Transactions on Cybernetics*, **2015**, 45, 2051-64	10.2	48
132	A dynamic multi-objective evolutionary algorithm using a change severity-based adaptive population management strategy. *Soft Computing*, **2017**, 21, 885-906	3.5	46
131	Dynamic Multi-objective Optimization Using Evolutionary Algorithms: A Survey. *Adaptation, Learning, and Optimization*, **2017**, 31-70	0.7	38
130	A Multi-objective hybrid filter-wrapper evolutionary approach for feature selection. *Memetic Computing*, **2019**, 11, 193-208	3.4	30
129	A multi-level study of information trust models in WSN-assisted IoT. *Computer Networks*, **2019**, 151, 12-30	5.4	28
128	Multi-agent immune networks to control interrupted flow at signalized intersections. *Transportation Research Part C: Emerging Technologies*, **2017**, 82, 290-313	8.4	25
127	Searching for knee regions in multi-objective optimization using mobile reference points **2010**,		23
126	Preference-Based Many-Objective Evolutionary Testing Generates Harder Test Cases for Autonomous Agents. *Lecture Notes in Computer Science*, **2013**, 245-250	0.9	22
125	Many-objective Optimization Using Evolutionary Algorithms: A Survey. *Adaptation, Learning, and Optimization*, **2017**, 105-137	0.7	22
124	Steady state IBEA assisted by MLP neural networks for expensive multi-objective optimization problems **2014**,		20
123	Multi-objective Optimization with Dynamic Constraints and Objectives **2015**,		19
122	An artificial immune network to control interrupted flow at a signalized intersection. *Information Sciences*, **2018**, 433-434, 70-95	7.7	18

121	On the use of artificial malicious patterns for android malware detection. *Computers and Security*, **2020**, 92, 101743	4.9	17
120	A co-evolutionary decomposition-based algorithm for Bi-Level combinatorial optimization **2015**,		16
119	Evolutionary multiobjective optimization of the multi-location transshipment problem. *Operational Research*, **2008**, 8, 167-183	1.6	16
118	Estimating nadir point in multi-objective optimization using mobile reference points **2010**,		15
117	Handling time-varying constraints and objectives in dynamic evolutionary multi-objective optimization. *Swarm and Evolutionary Computation*, **2018**, 39, 222-248	9.8	15
116	A new co-evolutionary decomposition-based algorithm for bi-level combinatorial optimization. *Applied Intelligence*, **2018**, 48, 2847-2872	4.9	14
115	A Case-Based Reasoning System to Control Traffic at Signalized Intersections. *IFAC-PapersOnLine*, **2016**, 49, 149-154	0.7	14
114	On the Use of Machine Learning and Search-Based Software Engineering for Ill-Defined Fitness Function: A Case Study on Software Refactoring. *Lecture Notes in Computer Science*, **2014**, 31-45	0.9	14
113	Negotiating decision makers reference points for group preference-based Evolutionary Multi-objective Optimization **2011**,		14
112	Deep convolutional neural network architecture design as a bi-level optimization problem. *Neurocomputing*, **2021**, 439, 44-62	5.4	14
111	A Multiple Reference Point-based evolutionary algorithm for dynamic multi-objective optimization with undetectable changes **2014**,		13
110	A hybrid algorithm for flexible job-shop scheduling problem with setup times. *International Journal of Production Management and Engineering*, **2017**, 5, 23	0.4	13
109	Multi-objective evolution of oblique decision trees for imbalanced data binary classification. *Swarm and Evolutionary Computation*, **2019**, 49, 1-22	9.8	12
108	On-line self-adaptive framework for tailoring a neural-agent learning model addressing dynamic real-time scheduling problems. *Journal of Manufacturing Systems*, **2017**, 45, 97-108	9.1	11
107	A two-stage three-machine assembly scheduling problem with deterioration effect. *International Journal of Production Research*, **2019**, 57, 6634-6647	7.8	11
106	A branch-and-bound algorithm and four metaheuristics for minimizing total completion time for a two-stage assembly flow-shop scheduling problem with learning consideration. *Engineering Optimization*, **2020**, 52, 1009-1036	2	11
105	Feature construction as a bi-level optimization problem. *Neural Computing and Applications*, **2020**, 32, 13783-13804	4.8	10
104	Solving Combinatorial Multi-Objective Bi-Level Optimization Problems Using Multiple Populations and Migration Schemes. *IEEE Access*, **2020**, 8, 141674-141695	3.5	10

103	PHC-NSGA-II: A Novel Multi-objective Memetic Algorithm for Continuous Optimization **2008**,		9
102	A Computational Model of Emotions for the Simulation of Human Emotional Dynamics in Emergency Situations. *International Journal of Computer Theory and Engineering*, **2014**, 6, 227-233	0.1	9
101	A Hybrid Approach for Drug Abuse Events Extraction from Twitter. *Procedia Computer Science*, **2016**, 96, 1032-1040	1.6	9
100	An immune memory inspired case-based reasoning system to control interrupted flow at a signalized intersection. *Artificial Intelligence Review*, **2019**, 52, 2099-2129	9.7	9
99	An Improved Co-evolutionary Decomposition-based Algorithm for Bi-level Combinatorial Optimization **2015**,		8
98	A self-adaptive hybrid algorithm for solving flexible job-shop problem with sequence dependent setup time. *Procedia Computer Science*, **2017**, 112, 457-466	1.6	8
97	Multi-objective Optimization: Classical and Evolutionary Approaches. *Adaptation, Learning, and Optimization*, **2017**, 1-30	0.7	8
96	A spatial data warehouse recommendation approach: conceptual framework and experimental evaluation. *Human-centric Computing and Information Sciences*, **2015**, 5,	5.4	7
95	Towards a self-adaptive access control middleware for the Internet of Things **2018**,		7
94	A Co-evolutionary Decomposition-based Chemical Reaction Algorithm for Bi-level Combinatorial Optimization Problems. *Procedia Computer Science*, **2017**, 112, 780-789	1.6	7
93	On the importance of isolated infeasible solutions in the many-objective constrained NSGA-III. *Knowledge-Based Systems*, **2018**, 227, 104335	7.3	6
92	Approximating Complex Pareto Fronts With Predefined Normal-Boundary Intersection Directions. *IEEE Transactions on Evolutionary Computation*, **2020**, 24, 809-823	15.6	6
91	A two-stage three-machine assembly scheduling problem with a truncation position-based learning effect. *Soft Computing*, **2020**, 24, 10515-10533	3.5	6
90	Large Scale Microblogging Intentions Analysis with Pattern Based Approach. *Procedia Computer Science*, **2016**, 96, 1249-1257	1.6	6
89	Evolutionary Optimization of Convolutional Neural Network Architecture Design for Thoracic X-Ray Image Classification. *Lecture Notes in Computer Science*, **2021**, 121-132	0.9	6
88	Bi-level Decision-making Modeling for an Autonomous Driver Agent: Application in the Car-following Driving Behavior. *Applied Artificial Intelligence*, **2019**, 33, 1157-1178	2.3	5
87	An Immune Memory and Negative Selection Based Decision Support System to Monitor and Control Public Bus Transportation Systems. *IFAC-PapersOnLine*, **2016**, 49, 143-148	0.7	5
86	New Algorithm for Frequent Itemsets Mining from Evidential Data Streams. *Procedia Computer Science*, **2016**, 96, 645-653	1.6	5

85	Assessment of public transport control systems: a comparative analysis of platforms and a new platform architecture. *International Journal of Shipping and Transport Logistics*, **2016**, 8, 509	1	4
84	Neural networks for online learning of non-stationary data streams: a review and application for smart grids flexibility improvement. *Artificial Intelligence Review*, **2020**, 53, 6111-6154	9.7	4
83	Hybrid System for Information Extraction from Social Media Text: Drug Abuse Case Study. *Procedia Computer Science*, **2019**, 159, 688-697	1.6	4
82	A survey of simulation platforms for the assessment of public transport control systems **2014**,		4
81	On the importance of isolated solutions in constrained decomposition-based many-objective optimization **2017**,		4
80	Modelling and simulating a crisis management system: an organisational perspective. *Enterprise Information Systems*, **2017**, 11, 534-550	3.5	4
79	Multi-agent optimization model for multi-criteria regulation of multi-modal public transport **2015**,		4
78	Lexico Semantic Patterns for Customer Intentions Analysis of Microblogging **2015**,		4
77	Multiobjective Analysis of the Multi-Location Newsvendor and Transshipment Models. *International Journal of Information Systems and Supply Chain Management*, **2013**, 6, 42-60	0.6	4
76	Flexible Job-shop Scheduling Problem with Sequence-dependent Setup Times using Genetic Algorithm **2016**,		4
75	Agent Decision-Making under Uncertainty: Towards a New E-BDI Agent Architecture Based on Immediate and Expected Emotions. *International Journal of Computer Theory and Engineering*, **2014**, 6, 254-259	0.1	4
74	Multiagent Cooperation for Decision-Making in the Car-Following Behavior. *Lecture Notes in Computer Science*, **2016**, 391-401	0.9	4
73	An efficient chemical reaction algorithm for multi-objective combinatorial bi-level optimization. *Engineering Optimization*,1-22	2	4
72	Leveraging evolutionary algorithms for dynamic multi-objective optimization scheduling of multi-tenant smart home appliances **2016**,		4
71	A New Big Data Framework for Customer Opinions Polarity Extraction. *Communications in Computer and Information Science*, **2016**, 518-531	0.3	4
70	A Fuzzy Logic Based Trust-ABAC Model for the Internet of Things. *Advances in Intelligent Systems and Computing*, **2020**, 1157-1168	0.4	4
69	Fuzzy BDI agents for supply chain monitoring in an uncertain environment. *Supply Chain Forum*, **2016**, 17, 109-123	3.5	3
68	Solving many-objective problems using targeted search directions **2016**,		3

67	Weighted-Features Construction as a Bi-level Problem **2019**,		3
66	An Investigation of a Bi-level Non-dominated Sorting Algorithm for Production-Distribution Planning System. *Lecture Notes in Computer Science*, **2019**, 819-826	0.9	3
65	Streaming Social Media Data Analysis for Events Extraction and Warehousing using Hadoop and Storm: Drug Abuse Case Study. *Procedia Computer Science*, **2019**, 159, 1459-1467	1.6	3
64	Bi-MOCK: A Multi-objective Evolutionary Algorithm for Bi-clustering with Automatic Determination of the Number of Bi-clusters. *Lecture Notes in Computer Science*, **2017**, 366-376	0.9	3
63	A self-adaptive evolutionary algorithm for solving flexible job-shop problem with sequence dependent setup time and learning effects **2017**,		3
62	An indicator-based chemical reaction optimization algorithm for multi-objective search **2014**,		3
61	Enhancing Spatial Data Warehouse Exploitation: A SOLAP Recommendation Approach. *Studies in Computational Intelligence*, **2016**, 131-147	0.8	3
60	MC-DMN: Meeting MCDM with DMN Involving Multi-criteria Decision-Making in Business Process. *Lecture Notes in Computer Science*, **2017**, 3-16	0.9	3
59	Bi-level multi-objective combinatorial optimization using reference approximation of the lower level reaction. *Procedia Computer Science*, **2020**, 176, 2098-2107	1.6	3
58	Code smell detection and identification in imbalanced environments. *Expert Systems With Applications*, **2021**, 166, 114076	7.8	3
57	A memetic evolutionary algorithm for bi-level combinatorial optimization: A realization between Bi-MDVRP and Bi-CVRP **2016**,		3
56	A Multi-Objective Hybrid Filter-Wrapper Evolutionary Approach for Feature Construction on High-Dimensional Data **2018**,		3
55	Joint design and compression of convolutional neural networks as a Bi-level optimization problem. *Neural Computing and Applications*,	4.8	3
54	Robust scheduling of truck arrivals at a cross-docking platform **2017**,		2
53	Emotional Dynamics and Coping Mechanisms to Generate Human-Like Agent Behaviors. *Applied Artificial Intelligence*, **2017**, 31, 472-492	2.3	2
52	Handling Sequence-dependent Setup Time Flexible Job Shop Problem with Learning and Deterioration Considerations using Evolutionary Bi-level Optimization. *Applied Artificial Intelligence*, **2020**, 34, 433-455	2.3	2
51	An Application Oriented Multi-Agent Based Approach to Dynamic Truck Scheduling at Cross-Dock **2016**,		2
50	An Immune Multi-agent Based Decision Support System for the Control of Public Transportation Systems. *Communications in Computer and Information Science*, **2016**, 187-198	0.3	2

49	Anticipation Based on a Bi-Level Bi-Objective Modeling for the Decision-Making in the Car-Following Behavior. *Smart Innovation, Systems and Technologies*, **2016**, 231-241	0.5	2
48	An Emotional Agent Model for the Simulation of Realistic Civilian Behaviors during Emergency Situations **2014**,		2
47	Modelling and simulation of human behavioural and emotional dynamics during emergencies: a review of the state-of-the-art. *International Journal of Emergency Management*, **2015**, 11, 129	0.5	2
46	A Self Adaptive Neural Agent Based Decision Support System for Solving Dynamic Real Time Scheduling Problems **2015**,		2
45	A Practical Approach for Maximizing Satisfiability in Qualitative Spatial and Temporal Constraint Networks **2015**,		2
44	A two-step transshipment model with fuzzy demands and service level constraints. *International Journal of Simulation Modelling*, **2010**, 9, 40-52	2.5	2
43	A Study of Stock Market Trading Behavior and Social Interactions through a Multi Agent Based Simulation. *Lecture Notes in Computer Science*, **2010**, 302-311	0.9	2
42	An Improved Bi-level Multi-objective Evolutionary Algorithm for the Production-Distribution Planning System. *Lecture Notes in Computer Science*, **2020**, 218-229	0.9	2
41	Multi-agent Based Truck Scheduling Using Ant Colony Intelligence in a Cross-Docking Platform. *Advances in Intelligent Systems and Computing*, **2017**, 457-466	0.4	2
40	Integration of Immune Features into a Belief-Desire-Intention Model for Multi-agent Control of Public Transportation Systems. *Lecture Notes in Computer Science*, **2017**, 459-470	0.9	2
39	Multi-agent Based Simulation of Animal Food Selective Behavior in a Pastoral System. *Lecture Notes in Computer Science*, **2010**, 283-292	0.9	2
38	Lexicon-Based System for Drug Abuse Entity Extraction from Twitter. *Communications in Computer and Information Science*, **2016**, 692-703	0.3	2
37	An immune network based distributed architecture to control public bus transportation systems. *Swarm and Evolutionary Computation*, **2019**, 50, 100478	9.8	2
36	Solving combinatorial bi-level optimization problems using multiple populations and migration schemes. *Operational Research*,1	1.6	2
35	Discussion and Review of the Use of Neural Networks to Improve the Flexibility of Smart Grids in Presence of Distributed Renewable Ressources **2018**,		2
34	**2018**,		2
33	A Hybrid Evolutionary Algorithm with Heuristic Mutation for Multi-objective Bi-clustering **2019**,		1
32	Studying Emotions at Work Using Agent-Based Modeling and Simulation. *IFIP Advances in Information and Communication Technology*, **2019**, 571-583	0.5	1

31	Multi-Agent Cooperation for an Active Perception Based on Driving Behavior: Application in a Car-Following Behavior. *Applied Artificial Intelligence*, **2020**, 34, 710-729	2.3	1
30	BPMN Decision Footprint: Towards Decision Harmony Along BI Process. *Communications in Computer and Information Science*, **2016**, 269-284	0.3	1
29	Modeling and Simulation of Coping Mechanisms and Emotional Behavior During Emergency Situations. *Smart Innovation, Systems and Technologies*, **2016**, 163-176	0.5	1
28	Personnalisation OLAP et SIG : Etude comparative et perspectives de personnalisation SOLAP. *Journal of Decision Systems*, **2016**, 25, 42-55	1.2	1
27	An immune multiagent system to monitor and control public bus transportation systems. *Computational Intelligence*, **2018**, 34, 1245-1276	2.5	1
26	An Improved MapReduce Design of Kmeans with Iteration Reducing for Clustering Stock Exchange Very Large Datasets **2015**,		1
25	Transshipment problem with fuzzy customer demands and fuzzy inventory costs. *International Journal of Management and Decision Making*, **2014**, 13, 99	0.4	1
24	Articulating Decision Maker\s Preference Information within Multiobjective Artificial Immune Systems **2012**,		1
23	Class-Dependent Weighted Feature Selection as a Bi-Level Optimization Problem. *Communications in Computer and Information Science*, **2020**, 269-278	0.3	1
22	Unsupervised Sleep Stages Classification Based on Physiological Signals. *Lecture Notes in Computer Science*, **2020**, 134-145	0.9	1
21	Computational Models of Immediate and Expected Emotions for Emotional BDI Agents. *Lecture Notes in Computer Science*, **2015**, 424-435	0.9	1
20	Stylized Facts Study through a Multi-Agent Based Simulation of an Artificial Stock Market. *Lecture Notes in Economics and Mathematical Systems*, **2010**, 27-38	0.4	1
19	Driving control based on bilevel optimization and fuzzy logic. *International Journal of Intelligent Systems*, **2021**, 36, 4495-4523	8.4	1
18	Decision-making harmonization in business process: Using NoSQL databases for decision rules modelling and serialization **2016**,		1
17	Local Search for Maximizing Satisfiability in Qualitative Spatial and Temporal Constraint Networks. *Lecture Notes in Computer Science*, **2016**, 247-258	0.9	1
16	Transfer of learning with the co-evolutionary decomposition-based algorithm-II: a realization on the bi-level production-distribution planning system. *Applied Intelligence*, **2019**, 49, 963-982	4.9	1
15	A co-evolutionary hybrid decomposition-based algorithm for bi-level combinatorial optimization problems. *Soft Computing*, **2020**, 24, 7211-7229	3.5	1
14	Anticipation model based on a modified fuzzy logic approach. *IET Intelligent Transport Systems*, **2019**, 13, 330-339	2.4	0

List of Publications

13	An elitist cooperative evolutionary bi-level multi-objective decomposition-based algorithm for sustainable supply chain. *International Journal of Production Research*,1-20	7.8	0
12	Software Anti-patterns Detection Under Uncertainty Using a Possibilistic Evolutionary Approach. *Lecture Notes in Computer Science*, **2021**, 181-197	0.9	0
11	EVIDIST: A Similarity Measure for Uncertain Data Streams. *Lecture Notes in Computer Science*, **2015**, 113-120	0.9	
10	An Ontology Based Benchmarking Platform for Public Transportation Control Systems. *IFAC-PapersOnLine*, **2015**, 48, 161-167	0.7	
9	A Recommendation Approach to Enhance the Interoperability between Spatial Datacubes. *Procedia Computer Science*, **2015**, 56, 558-565	1.6	
8	A New Fuzzy-Based Approach for Anonymity Quantification in E-Services. *International Journal of Information Security and Privacy*, **2014**, 8, 13-38	0.9	
7	Greedy Local Improvement of SPEA2 Algorithm to Solve the Multiobjective Capacitated Transshipment Problem. *Lecture Notes in Computer Science*, **2011**, 364-378	0.9	
6	Malware Detection Using Rough Set Based Evolutionary Optimization. *Communications in Computer and Information Science*, **2021**, 634-641	0.3	
5	Social Stream Clustering to Improve Events Extraction. *Smart Innovation, Systems and Technologies*, **2018**, 319-329	0.5	
4	Multi-Agent BPMN Decision Footprint. *Smart Innovation, Systems and Technologies*, **2018**, 234-244	0.5	
3	A New Fuzzy Logic Based Model for Location Trust Estimation in Electric Vehicular Networks. *Advances in Intelligent Systems and Computing*, **2020**, 341-352	0.4	
2	Belief eXtended Classifier System: A New Approach for Dealing with Uncertainty in Sleep Stages Classification. *Advances in Intelligent Systems and Computing*, **2021**, 454-463	0.4	
1	An Approach to Intelligent Control Public Transportation System Using a Multi-agent System. *Lecture Notes in Business Information Processing*, **2021**, 242-267	0.6	