

# Lamjed Ben Said

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

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	Malware Detection Using Rough Set Based Evolutionary Optimization. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 634-641	0.3	
137	Code smell detection and identification in imbalanced environments. <i>Expert Systems With Applications</i> , <b>2021</b> , 166, 114076	7.8	3
136	Driving control based on bilevel optimization and fuzzy logic. <i>International Journal of Intelligent Systems</i> , <b>2021</b> , 36, 4495-4523	8.4	1
135	Deep convolutional neural network architecture design as a bi-level optimization problem. <i>Neurocomputing</i> , <b>2021</b> , 439, 44-62	5.4	14
134	Belief eXtended Classifier System: A New Approach for Dealing with Uncertainty in Sleep Stages Classification. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 454-463	0.4	
133	Software Anti-patterns Detection Under Uncertainty Using a Possibilistic Evolutionary Approach. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 181-197	0.9	0
132	An Approach to Intelligent Control Public Transportation System Using a Multi-agent System. <i>Lecture Notes in Business Information Processing</i> , <b>2021</b> , 242-267	0.6	
131	Evolutionary Optimization of Convolutional Neural Network Architecture Design for Thoracic X-Ray Image Classification. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 121-132	0.9	6
130	Neural networks for online learning of non-stationary data streams: a review and application for smart grids flexibility improvement. <i>Artificial Intelligence Review</i> , <b>2020</b> , 53, 6111-6154	9.7	4
129	Multi-Agent Cooperation for an Active Perception Based on Driving Behavior: Application in a Car-Following Behavior. <i>Applied Artificial Intelligence</i> , <b>2020</b> , 34, 710-729	2.3	1
128	Handling Sequence-dependent Setup Time Flexible Job Shop Problem with Learning and Deterioration Considerations using Evolutionary Bi-level Optimization. <i>Applied Artificial Intelligence</i> , <b>2020</b> , 34, 433-455	2.3	2
127	On the use of artificial malicious patterns for android malware detection. <i>Computers and Security</i> , <b>2020</b> , 92, 101743	4.9	17
126	Feature construction as a bi-level optimization problem. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 13783-13804	4.8	10
125	Class-Dependent Weighted Feature Selection as a Bi-Level Optimization Problem. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 269-278	0.3	1
124	Unsupervised Sleep Stages Classification Based on Physiological Signals. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 134-145	0.9	1
123	An Improved Bi-level Multi-objective Evolutionary Algorithm for the Production-Distribution Planning System. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 218-229	0.9	2
122	Approximating Complex Pareto Fronts With Predefined Normal-Boundary Intersection Directions. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2020</b> , 24, 809-823	15.6	6

121	A two-stage three-machine assembly scheduling problem with a truncation position-based learning effect. <i>Soft Computing</i> , <b>2020</b> , 24, 10515-10533	3.5	6
120	Bi-level multi-objective combinatorial optimization using reference approximation of the lower level reaction. <i>Procedia Computer Science</i> , <b>2020</b> , 176, 2098-2107	1.6	3
119	Solving Combinatorial Multi-Objective Bi-Level Optimization Problems Using Multiple Populations and Migration Schemes. <i>IEEE Access</i> , <b>2020</b> , 8, 141674-141695	3.5	10
118	A Fuzzy Logic Based Trust-ABAC Model for the Internet of Things. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 1157-1168	0.4	4
117	A New Fuzzy Logic Based Model for Location Trust Estimation in Electric Vehicular Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 341-352	0.4	
116	A co-evolutionary hybrid decomposition-based algorithm for bi-level combinatorial optimization problems. <i>Soft Computing</i> , <b>2020</b> , 24, 7211-7229	3.5	1
115	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. <i>Engineering Optimization</i> , <b>2020</b> , 52, 1009-1036	2	11
114	A Hybrid Evolutionary Algorithm with Heuristic Mutation for Multi-objective Bi-clustering <b>2019</b> ,		1
113	Bi-level Decision-making Modeling for an Autonomous Driver Agent: Application in the Car-following Driving Behavior. <i>Applied Artificial Intelligence</i> , <b>2019</b> , 33, 1157-1178	2.3	5
112	Multi-objective evolution of oblique decision trees for imbalanced data binary classification. <i>Swarm and Evolutionary Computation</i> , <b>2019</b> , 49, 1-22	9.8	12
111	Studying Emotions at Work Using Agent-Based Modeling and Simulation. <i>IFIP Advances in Information and Communication Technology</i> , <b>2019</b> , 571-583	0.5	1
110	A two-stage three-machine assembly scheduling problem with deterioration effect. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 6634-6647	7.8	11
109	A Multi-objective hybrid filter-wrapper evolutionary approach for feature selection. <i>Memetic Computing</i> , <b>2019</b> , 11, 193-208	3.4	30
108	Weighted-Features Construction as a Bi-level Problem <b>2019</b> ,		3
107	Anticipation model based on a modified fuzzy logic approach. <i>IET Intelligent Transport Systems</i> , <b>2019</b> , 13, 330-339	2.4	0
106	An Investigation of a Bi-level Non-dominated Sorting Algorithm for Production-Distribution Planning System. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 819-826	0.9	3
105	Streaming Social Media Data Analysis for Events Extraction and Warehousing using Hadoop and Storm: Drug Abuse Case Study. <i>Procedia Computer Science</i> , <b>2019</b> , 159, 1459-1467	1.6	3
104	Hybrid System for Information Extraction from Social Media Text: Drug Abuse Case Study. <i>Procedia Computer Science</i> , <b>2019</b> , 159, 688-697	1.6	4

103	An immune network based distributed architecture to control public bus transportation systems. <i>Swarm and Evolutionary Computation</i> , <b>2019</b> , 50, 100478	9.8	2
102	A multi-level study of information trust models in WSN-assisted IoT. <i>Computer Networks</i> , <b>2019</b> , 151, 12-304	9.4	28
101	Transfer of learning with the co-evolutionary decomposition-based algorithm-II: a realization on the bi-level production-distribution planning system. <i>Applied Intelligence</i> , <b>2019</b> , 49, 963-982	4.9	1
100	An immune memory inspired case-based reasoning system to control interrupted flow at a signalized intersection. <i>Artificial Intelligence Review</i> , <b>2019</b> , 52, 2099-2129	9.7	9
99	A new co-evolutionary decomposition-based algorithm for bi-level combinatorial optimization. <i>Applied Intelligence</i> , <b>2018</b> , 48, 2847-2872	4.9	14
98	An artificial immune network to control interrupted flow at a signalized intersection. <i>Information Sciences</i> , <b>2018</b> , 433-434, 70-95	7.7	18
97	Towards a self-adaptive access control middleware for the Internet of Things <b>2018</b> ,		7
96	A New Decomposition-Based NSGA-II for Many-Objective Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1191-1210	7.3	120
95	On the importance of isolated infeasible solutions in the many-objective constrained NSGA-III. <i>Knowledge-Based Systems</i> , <b>2018</b> , 227, 104335	7.3	6
94	An immune multiagent system to monitor and control public bus transportation systems. <i>Computational Intelligence</i> , <b>2018</b> , 34, 1245-1276	2.5	1
93	Scheduling problems under learning effects: classification and cartography. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 1642-1661	7.8	62
92	Social Stream Clustering to Improve Events Extraction. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 319-329	0.5	
91	Multi-Agent BPMN Decision Footprint. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 234-244	0.5	
90	Handling time-varying constraints and objectives in dynamic evolutionary multi-objective optimization. <i>Swarm and Evolutionary Computation</i> , <b>2018</b> , 39, 222-248	9.8	15
89	Discussion and Review of the Use of Neural Networks to Improve the Flexibility of Smart Grids in Presence of Distributed Renewable Ressources <b>2018</b> ,		2
88	A Multi-Objective Hybrid Filter-Wrapper Evolutionary Approach for Feature Construction on High-Dimensional Data <b>2018</b> ,		3
87	<b>2018</b> ,		2
86	A dynamic multi-objective evolutionary algorithm using a change severity-based adaptive population management strategy. <i>Soft Computing</i> , <b>2017</b> , 21, 885-906	3.5	46

85	Robust scheduling of truck arrivals at a cross-docking platform <b>2017</b> ,		2
84	Emotional Dynamics and Coping Mechanisms to Generate Human-Like Agent Behaviors. <i>Applied Artificial Intelligence</i> , <b>2017</b> , 31, 472-492	2.3	2
83	On-line self-adaptive framework for tailoring a neural-agent learning model addressing dynamic real-time scheduling problems. <i>Journal of Manufacturing Systems</i> , <b>2017</b> , 45, 97-108	9.1	11
82	A self-adaptive hybrid algorithm for solving flexible job-shop problem with sequence dependent setup time. <i>Procedia Computer Science</i> , <b>2017</b> , 112, 457-466	1.6	8
81	Multi-agent immune networks to control interrupted flow at signalized intersections. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2017</b> , 82, 290-313	8.4	25
80	On the importance of isolated solutions in constrained decomposition-based many-objective optimization <b>2017</b> ,		4
79	Bi-MOCK: A Multi-objective Evolutionary Algorithm for Bi-clustering with Automatic Determination of the Number of Bi-clusters. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 366-376	0.9	3
78	A Co-evolutionary Decomposition-based Chemical Reaction Algorithm for Bi-level Combinatorial Optimization Problems. <i>Procedia Computer Science</i> , <b>2017</b> , 112, 780-789	1.6	7
77	A self-adaptive evolutionary algorithm for solving flexible job-shop problem with sequence dependent setup time and learning effects <b>2017</b> ,		3
76	Many-objective Optimization Using Evolutionary Algorithms: A Survey. <i>Adaptation, Learning, and Optimization</i> , <b>2017</b> , 105-137	0.7	22
75	Multi-objective Optimization: Classical and Evolutionary Approaches. <i>Adaptation, Learning, and Optimization</i> , <b>2017</b> , 1-30	0.7	8
74	Dynamic Multi-objective Optimization Using Evolutionary Algorithms: A Survey. <i>Adaptation, Learning, and Optimization</i> , <b>2017</b> , 31-70	0.7	38
73	Modelling and simulating a crisis management system: an organisational perspective. <i>Enterprise Information Systems</i> , <b>2017</b> , 11, 534-550	3.5	4
72	A hybrid algorithm for flexible job-shop scheduling problem with setup times. <i>International Journal of Production Management and Engineering</i> , <b>2017</b> , 5, 23	0.4	13
71	Multi-agent Based Truck Scheduling Using Ant Colony Intelligence in a Cross-Docking Platform. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 457-466	0.4	2
70	Integration of Immune Features into a Belief-Desire-Intention Model for Multi-agent Control of Public Transportation Systems. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 459-470	0.9	2
69	MC-DMN: Meeting MCDM with DMN Involving Multi-criteria Decision-Making in Business Process. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 3-16	0.9	3
68	Assessment of public transport control systems: a comparative analysis of platforms and a new platform architecture. <i>International Journal of Shipping and Transport Logistics</i> , <b>2016</b> , 8, 509	1	4

67	An Immune Memory and Negative Selection Based Decision Support System to Monitor and Control Public Bus Transportation Systems. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 143-148	0.7	5
66	A Case-Based Reasoning System to Control Traffic at Signalized Intersections. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 149-154	0.7	14
65	New Algorithm for Frequent Itemsets Mining from Evidential Data Streams. <i>Procedia Computer Science</i> , <b>2016</b> , 96, 645-653	1.6	5
64	Fuzzy BDI agents for supply chain monitoring in an uncertain environment. <i>Supply Chain Forum</i> , <b>2016</b> , 17, 109-123	3.5	3
63	BPMN Decision Footprint: Towards Decision Harmony Along BI Process. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 269-284	0.3	1
62	An Application Oriented Multi-Agent Based Approach to Dynamic Truck Scheduling at Cross-Dock <b>2016</b> ,		2
61	Solving many-objective problems using targeted search directions <b>2016</b> ,		3
60	Modeling and Simulation of Coping Mechanisms and Emotional Behavior During Emergency Situations. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 163-176	0.5	1
59	An Immune Multi-agent Based Decision Support System for the Control of Public Transportation Systems. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 187-198	0.3	2
58	Anticipation Based on a Bi-Level Bi-Objective Modeling for the Decision-Making in the Car-Following Behavior. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 231-241	0.5	2
57	Personnalisation OLAP et SIG : Etude comparative et perspectives de personnalisation SOLAP. <i>Journal of Decision Systems</i> , <b>2016</b> , 25, 42-55	1.2	1
56	Flexible Job-shop Scheduling Problem with Sequence-dependent Setup Times using Genetic Algorithm <b>2016</b> ,		4
55	Enhancing Spatial Data Warehouse Exploitation: A SOLAP Recommendation Approach. <i>Studies in Computational Intelligence</i> , <b>2016</b> , 131-147	0.8	3
54	Multiagent Cooperation for Decision-Making in the Car-Following Behavior. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 391-401	0.9	4
53	A memetic evolutionary algorithm for bi-level combinatorial optimization: A realization between Bi-MDVRP and Bi-CVRP <b>2016</b> ,		3
52	Leveraging evolutionary algorithms for dynamic multi-objective optimization scheduling of multi-tenant smart home appliances <b>2016</b> ,		4
51	Decision-making harmonization in business process: Using NoSQL databases for decision rules modelling and serialization <b>2016</b> ,		1
50	A New Big Data Framework for Customer Opinions Polarity Extraction. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 518-531	0.3	4

49	Lexicon-Based System for Drug Abuse Entity Extraction from Twitter. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 692-703	0.3	2
48	A Hybrid Approach for Drug Abuse Events Extraction from Twitter. <i>Procedia Computer Science</i> , <b>2016</b> , 96, 1032-1040	1.6	9
47	Large Scale Microblogging Intentions Analysis with Pattern Based Approach. <i>Procedia Computer Science</i> , <b>2016</b> , 96, 1249-1257	1.6	6
46	Local Search for Maximizing Satisfiability in Qualitative Spatial and Temporal Constraint Networks. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 247-258	0.9	1
45	Multi-objective Optimization with Dynamic Constraints and Objectives <b>2015</b> ,		19
44	An Improved Co-evolutionary Decomposition-based Algorithm for Bi-level Combinatorial Optimization <b>2015</b> ,		8
43	EVIDIST: A Similarity Measure for Uncertain Data Streams. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 113-129		19
42	An Ontology Based Benchmarking Platform for Public Transportation Control Systems. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 161-167	0.7	
41	A co-evolutionary decomposition-based algorithm for Bi-Level combinatorial optimization <b>2015</b> ,		16
40	A Recommendation Approach to Enhance the Interoperability between Spatial Datacubes. <i>Procedia Computer Science</i> , <b>2015</b> , 56, 558-565	1.6	
39	A spatial data warehouse recommendation approach: conceptual framework and experimental evaluation. <i>Human-centric Computing and Information Sciences</i> , <b>2015</b> , 5,	5.4	7
38	An Efficient Chemical Reaction Optimization Algorithm for Multiobjective Optimization. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 2051-64	10.2	48
37	Preference Incorporation in Evolutionary Multiobjective Optimization. <i>Advances in Computers</i> , <b>2015</b> , 98, 141-207	2.9	54
36	Multi-agent optimization model for multi-criteria regulation of multi-modal public transport <b>2015</b> ,		4
35	An Improved MapReduce Design of Kmeans with Iteration Reducing for Clustering Stock Exchange Very Large Datasets <b>2015</b> ,		1
34	Lexico Semantic Patterns for Customer Intentions Analysis of Microblogging <b>2015</b> ,		4
33	Modelling and simulation of human behavioural and emotional dynamics during emergencies: a review of the state-of-the-art. <i>International Journal of Emergency Management</i> , <b>2015</b> , 11, 129	0.5	2
32	A Self Adaptive Neural Agent Based Decision Support System for Solving Dynamic Real Time Scheduling Problems <b>2015</b> ,		2

31	A Practical Approach for Maximizing Satisfiability in Qualitative Spatial and Temporal Constraint Networks <b>2015</b> ,		2
30	Computational Models of Immediate and Expected Emotions for Emotional BDI Agents. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 424-435	0.9	1
29	An Emotional Agent Model for the Simulation of Realistic Civilian Behaviors during Emergency Situations <b>2014</b> ,		2
28	A survey of simulation platforms for the assessment of public transport control systems <b>2014</b> ,		4
27	On the Use of Machine Learning and Search-Based Software Engineering for Ill-Defined Fitness Function: A Case Study on Software Refactoring. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 31-45	0.9	14
26	Steady state IBEA assisted by MLP neural networks for expensive multi-objective optimization problems <b>2014</b> ,		20
25	A Multiple Reference Point-based evolutionary algorithm for dynamic multi-objective optimization with undetectable changes <b>2014</b> ,		13
24	A New Fuzzy-Based Approach for Anonymity Quantification in E-Services. <i>International Journal of Information Security and Privacy</i> , <b>2014</b> , 8, 13-38	0.9	
23	Transshipment problem with fuzzy customer demands and fuzzy inventory costs. <i>International Journal of Management and Decision Making</i> , <b>2014</b> , 13, 99	0.4	1
22	An indicator-based chemical reaction optimization algorithm for multi-objective search <b>2014</b> ,		3
21	A Computational Model of Emotions for the Simulation of Human Emotional Dynamics in Emergency Situations. <i>International Journal of Computer Theory and Engineering</i> , <b>2014</b> , 6, 227-233	0.1	9
20	Agent Decision-Making under Uncertainty: Towards a New E-BDI Agent Architecture Based on Immediate and Expected Emotions. <i>International Journal of Computer Theory and Engineering</i> , <b>2014</b> , 6, 254-259	0.1	4
19	Preference-Based Many-Objective Evolutionary Testing Generates Harder Test Cases for Autonomous Agents. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 245-250	0.9	22
18	Multiobjective Analysis of the Multi-Location Newsvendor and Transshipment Models. <i>International Journal of Information Systems and Supply Chain Management</i> , <b>2013</b> , 6, 42-60	0.6	4
17	Articulating Decision Maker's Preference Information within Multiobjective Artificial Immune Systems <b>2012</b> ,		1
16	Searching for knee regions of the Pareto front using mobile reference points. <i>Soft Computing</i> , <b>2011</b> , 15, 1807-1823	3.5	56
15	Greedy Local Improvement of SPEA2 Algorithm to Solve the Multiobjective Capacitated Transshipment Problem. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 364-378	0.9	
14	Negotiating decision maker's reference points for group preference-based Evolutionary Multi-objective Optimization <b>2011</b> ,		14

13	A two-step transshipment model with fuzzy demands and service level constraints. <i>International Journal of Simulation Modelling</i> , <b>2010</b> , 9, 40-52	2.5	2
12	A Study of Stock Market Trading Behavior and Social Interactions through a Multi Agent Based Simulation. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 302-311	0.9	2
11	Searching for knee regions in multi-objective optimization using mobile reference points <b>2010</b> ,		23
10	Estimating nadir point in multi-objective optimization using mobile reference points <b>2010</b> ,		15
9	The r-Dominance: A New Dominance Relation for Interactive Evolutionary Multicriteria Decision Making. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2010</b> , 14, 801-818	15.6	201
8	Multi-agent Based Simulation of Animal Food Selective Behavior in a Pastoral System. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 283-292	0.9	2
7	Stylized Facts Study through a Multi-Agent Based Simulation of an Artificial Stock Market. <i>Lecture Notes in Economics and Mathematical Systems</i> , <b>2010</b> , 27-38	0.4	1
6	PHC-NSGA-II: A Novel Multi-objective Memetic Algorithm for Continuous Optimization <b>2008</b> ,		9
5	Evolutionary multiobjective optimization of the multi-location transshipment problem. <i>Operational Research</i> , <b>2008</b> , 8, 167-183	1.6	16
4	An elitist cooperative evolutionary bi-level multi-objective decomposition-based algorithm for sustainable supply chain. <i>International Journal of Production Research</i> ,1-20	7.8	0
3	An efficient chemical reaction algorithm for multi-objective combinatorial bi-level optimization. <i>Engineering Optimization</i> ,1-22	2	4
2	Solving combinatorial bi-level optimization problems using multiple populations and migration schemes. <i>Operational Research</i> ,1	1.6	2
1	Joint design and compression of convolutional neural networks as a Bi-level optimization problem. <i>Neural Computing and Applications</i> ,	4.8	3