

Ludmila Dymova

List of Publications by Year in descending order

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41
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	A direct interval extension of TOPSIS method. Expert Systems With Applications, 2013, 40, 4841-4847.	4.4	145
2	An interpretation of intuitionistic fuzzy sets in terms of evidence theory: Decision making aspect. Knowledge-Based Systems, 2010, 23, 772-782.	4.0	120
3	An approach to generalization of fuzzy TOPSIS method. Information Sciences, 2013, 238, 149-162.	4.0	76
4	An interval type-2 fuzzy extension of the TOPSIS method using alpha cuts. Knowledge-Based Systems, 2015, 83, 116-127.	4.0	71
5	The operations on intuitionistic fuzzy values in the framework of Dempsterâ€“Shafer theory. Knowledge-Based Systems, 2012, 35, 132-143.	4.0	69
6	A new approach to the rule-base evidential reasoning: Stock trading expert system application. Expert Systems With Applications, 2010, 37, 5564-5576.	4.4	66
7	A Forex trading expert system based on a new approach to the rule-base evidential reasoning. Expert Systems With Applications, 2016, 51, 1-13.	4.4	58
8	The operations on interval-valued intuitionistic fuzzy values in the framework of Dempsterâ€“Shafer theory. Information Sciences, 2016, 360, 256-272.	4.0	46
9	A stock trading expert system based on the rule-base evidential reasoning using Level 2 Quotes. Expert Systems With Applications, 2012, 39, 7150-7157.	4.4	40
10	Synthesis of fuzzy logic and Dempsterâ€“Shafer Theory for the simulation of the decision-making process in stock trading systems. Mathematics and Computers in Simulation, 2009, 80, 506-521.	2.4	37
11	A framework for rule-base evidential reasoning in the interval setting applied to diagnosing type 2 diabetes. Expert Systems With Applications, 2012, 39, 4190-4200.	4.4	34
12	Generalised operations on hesitant fuzzy values in the framework of Dempsterâ€“Shafer theory. Information Sciences, 2015, 311, 39-58.	4.0	30
13	Two-criteria method for comparing real-valued and interval-valued intuitionistic fuzzy values. Knowledge-Based Systems, 2013, 45, 166-173.	4.0	25
14	A new approach to the rule-base evidential reasoning in the intuitionistic fuzzy setting. Knowledge-Based Systems, 2014, 61, 109-117.	4.0	25
15	Fuzzy Solution of Interval Linear Equations. , 2007, , 1392-1399.		15
16	A new approach to normalization of interval and fuzzy weights. Fuzzy Sets and Systems, 2012, 198, 34-45.	1.6	15
17	A new approach to the bi-criteria multi-period fuzzy portfolio selection. Knowledge-Based Systems, 2021, 234, 107582.	4.0	15
18	An extension of rule base evidential reasoning in the interval-valued intuitionistic fuzzy setting applied to the type 2 diabetes diagnostic. Expert Systems With Applications, 2022, 201, 117100.	4.4	15

#	ARTICLE	IF	CITATIONS
19	An Approach to Generalization of the Intuitionistic Fuzzy Topsis Method in the Framework of Evidence Theory. Journal of Artificial Intelligence and Soft Computing Research, 2021, 11, 157-175.	3.5	12
20	A method for solving systems of linear interval equations applied to the Leontief input-output model of economics. Expert Systems With Applications, 2013, 40, 222-230.	4.4	11
21	A Fuzzy Multiple Criteria Decision Making Approach with a Complete User Friendly Computer Implementation. Entropy, 2021, 23, 203.	1.1	11
22	On the Neutrosophic, Pythagorean and Some Other Novel Fuzzy Sets Theories Used in Decision Making: Invitation to Discuss. Entropy, 2021, 23, 1485.	1.1	9
23	A Simple View on the Interval and Fuzzy Portfolio Selection Problems. Entropy, 2020, 22, 932.	1.1	8
24	An Interpretation of Intuitionistic Fuzzy Sets in the Framework of the Dempster-Shafer Theory. Lecture Notes in Computer Science, 2010, , 66-73.	1.0	5
25	A Two Phase Method for Solving the Distribution Problem in a Fuzzy Setting. Entropy, 2019, 21, 1214.	1.1	5
26	Solving Systems of Interval Linear Equations with Use of Modified Interval Division Procedure. Lecture Notes in Computer Science, 2010, , 427-435.	1.0	5
27	A New Measure of Conflict and Hybrid Combination Rules in the Evidence Theory. Lecture Notes in Computer Science, 2014, , 411-422.	1.0	4
28	The New Definitions of Intuitionistic and Belief-Plausibility Based Local Criteria With Interval and Fuzzy Inputs Applied to the Multiple Criteria Problem of a Raw Material Supplier Selection. IEEE Access, 2021, 9, 163747-163763.	2.6	4
29	A New Approach to the Rule-Base Evidential Reasoning with Application. Lecture Notes in Computer Science, 2015, , 271-282.	1.0	3
30	Multiple-Criteria Fuzzy Optimization of the Heat Treatment Processes for Two Steel Rolled Products. Applied Sciences (Switzerland), 2021, 11, 2324.	1.3	3
31	A New Method for Comparing Interval-Valued Intuitionistic Fuzzy Values. Lecture Notes in Computer Science, 2012, , 221-228.	1.0	3
32	A New Method for Decision Making in the Intuitionistic Fuzzy Setting. Lecture Notes in Computer Science, 2008, , 229-240.	1.0	3
33	Fuzzy Solution of Interval Nonlinear Equations. Lecture Notes in Computer Science, 2010, , 418-426.	1.0	2
34	The Use of Intuitionistic Fuzzy Values in Rule-Base Evidential Reasoning. Lecture Notes in Computer Science, 2013, , 247-258.	1.0	1
35	The TOPSIS Method in the Interval Type-2 Fuzzy Setting. Lecture Notes in Computer Science, 2016, , 445-454.	1.0	1
36	A Comparative Study of Two Novel Approaches to the Rule-Base Evidential Reasoning. Lecture Notes in Computer Science, 2017, , 231-240.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Practical Need for Algebraic (Equality-Type) Solutions of Interval Equations and for Extended-Zero Solutions. Lecture Notes in Computer Science, 2018, , 412-421.	1.0	1
38	The Definition of Interval-Valued Intuitionistic Fuzzy Sets in the Framework of Dempster-Shafer Theory. Lecture Notes in Computer Science, 2014, , 634-643.	1.0	0
39	The Use of Belief Intervals in Operations on Intuitionistic Fuzzy Values. Lecture Notes in Computer Science, 2012, , 229-236.	1.0	0
40	Organizing Calculations in Algorithms for Solving Systems of Interval Linear Equations Using the "Interval Extended Zero" Method. Lecture Notes in Computer Science, 2012, , 439-446.	1.0	0
41	A New Method for Solving Nonlinear Interval and Fuzzy Equations. Lecture Notes in Computer Science, 2018, , 371-380.	1.0	0