

Ludmila Dymova

List of Publications by Year in descending order

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695
citing authors

#	ARTICLE	IF	CITATIONS
1	An extension of rule base evidential reasoning in the interval-valued intuitionistic fuzzy setting applied to the type 2 diabetes diagnostic. <i>Expert Systems With Applications</i> , 2022, 201, 117100.	4.4	15
2	A Fuzzy Multiple Criteria Decision Making Approach with a Complete User Friendly Computer Implementation. <i>Entropy</i> , 2021, 23, 203.	1.1	11
3	Multiple-Criteria Fuzzy Optimization of the Heat Treatment Processes for Two Steel Rolled Products. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2324.	1.3	3
4	An Approach to Generalization of the Intuitionistic Fuzzy Topsis Method in the Framework of Evidence Theory. <i>Journal of Artificial Intelligence and Soft Computing Research</i> , 2021, 11, 157-175.	3.5	12
5	A new approach to the bi-criteria multi-period fuzzy portfolio selection. <i>Knowledge-Based Systems</i> , 2021, 234, 107582.	4.0	15
6	On the Neutrosophic, Pythagorean and Some Other Novel Fuzzy Sets Theories Used in Decision Making: Invitation to Discuss. <i>Entropy</i> , 2021, 23, 1485.	1.1	9
7	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. <i>IEEE Access</i> , 2021, 9, 163747-163763.	2.6	4
8	A Simple View on the Interval and Fuzzy Portfolio Selection Problems. <i>Entropy</i> , 2020, 22, 932.	1.1	8
9	A Two Phase Method for Solving the Distribution Problem in a Fuzzy Setting. <i>Entropy</i> , 2019, 21, 1214.	1.1	5
10	A New Method for Solving Nonlinear Interval and Fuzzy Equations. <i>Lecture Notes in Computer Science</i> , 2018, , 371-380.	1.0	0
11	Practical Need for Algebraic (Equality-Type) Solutions of Interval Equations and for Extended-Zero Solutions. <i>Lecture Notes in Computer Science</i> , 2018, , 412-421.	1.0	1
12	A Comparative Study of Two Novel Approaches to the Rule-Base Evidential Reasoning. <i>Lecture Notes in Computer Science</i> , 2017, , 231-240.	1.0	1
13	The operations on interval-valued intuitionistic fuzzy values in the framework of Dempster-Shafer theory. <i>Information Sciences</i> , 2016, 360, 256-272.	4.0	46
14	The TOPSIS Method in the Interval Type-2 Fuzzy Setting. <i>Lecture Notes in Computer Science</i> , 2016, , 445-454.	1.0	1
15	A Forex trading expert system based on a new approach to the rule-base evidential reasoning. <i>Expert Systems With Applications</i> , 2016, 51, 1-13.	4.4	58
16	A New Approach to the Rule-Base Evidential Reasoning with Application. <i>Lecture Notes in Computer Science</i> , 2015, , 271-282.	1.0	3
17	An interval type-2 fuzzy extension of the TOPSIS method using alpha cuts. <i>Knowledge-Based Systems</i> , 2015, 83, 116-127.	4.0	71
18	Generalised operations on hesitant fuzzy values in the framework of Dempster-Shafer theory. <i>Information Sciences</i> , 2015, 311, 39-58.	4.0	30

#	ARTICLE	IF	CITATIONS
19	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
20	A new approach to the rule-base evidential reasoning in the intuitionistic fuzzy setting. Knowledge-Based Systems, 2014, 61, 109-117.	4.0	25
21	A New Measure of Conflict and Hybrid Combination Rules in the Evidence Theory. Lecture Notes in Computer Science, 2014, , 411-422.	1.0	4
22	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
23	An approach to generalization of fuzzy TOPSIS method. Information Sciences, 2013, 238, 149-162.	4.0	76
24	A direct interval extension of TOPSIS method. Expert Systems With Applications, 2013, 40, 4841-4847.	4.4	145
25	Two-criteria method for comparing real-valued and interval-valued intuitionistic fuzzy values. Knowledge-Based Systems, 2013, 45, 166-173.	4.0	25
26	The Use of Intuitionistic Fuzzy Values in Rule-Base Evidential Reasoning. Lecture Notes in Computer Science, 2013, , 247-258.	1.0	1
27	The operations on intuitionistic fuzzy values in the framework of Dempster-Shafer theory. Knowledge-Based Systems, 2012, 35, 132-143.	4.0	69
28	A new approach to normalization of interval and fuzzy weights. Fuzzy Sets and Systems, 2012, 198, 34-45.	1.6	15
29	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
30	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
31	A New Method for Comparing Interval-Valued Intuitionistic Fuzzy Values. Lecture Notes in Computer Science, 2012, , 221-228.	1.0	3
32	The Use of Belief Intervals in Operations on Intuitionistic Fuzzy Values. Lecture Notes in Computer Science, 2012, , 229-236.	1.0	0
33	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
34	An interpretation of intuitionistic fuzzy sets in terms of evidence theory: Decision making aspect. Knowledge-Based Systems, 2010, 23, 772-782.	4.0	120
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Fuzzy Solution of Interval Nonlinear Equations. Lecture Notes in Computer Science, 2010, , 418-426.	1.0	2
38	Solving Systems of Interval Linear Equations with Use of Modified Interval Division Procedure. Lecture Notes in Computer Science, 2010, , 427-435.	1.0	5
39	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
40	A New Method for Decision Making in the Intuitionistic Fuzzy Setting. Lecture Notes in Computer Science, 2008, , 229-240.	1.0	3
41	Fuzzy Solution of Interval Linear Equations. , 2007, , 1392-1399.		15