

CITATION REPORT

List of articles citing

Probability measures of Fuzzy events

DOI: 10.1016/0022-247x(68)90078-4
Journal of Mathematical Analysis and Applications,
1968, 23, 421-427.

Source: <https://exaly.com/paper-pdf/9425704/citation-report.pdf>

Version: 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2009	A scheme for constructing evidence structures in Dempster-Shafer evidence theory for data fusion.		2
2008	A fuzzy approach for the performance evaluation of manufacturing processes.		
2007	On the construction of vignettes: Short simulation processes for role-playing purposes. 1970 , 8, 355-370		2
2006	Pattern Classification Based on Fuzzy Relations. 1971 , SMC-1, 61-66		165
2005	On time dependent fuzzy sets. 1972 , 4, 367-376		18
2004	A definition of a nonprobabilistic entropy in the setting of fuzzy sets theory. 1972 , 20, 301-312		1430
2003	On the Execution of Fuzzy Programs Using Finite-State Machines. 1972 , C-21, 241-253		42
2002	On Fuzzy Mapping and Control. 1972 , SMC-2, 30-34		368
2001	Fuzzy sets concept in rank-ordering objects. <i>Journal of Mathematical Analysis and Applications</i> , 1973 , 43, 717-733	1.1	52
2000	Fuzzy Sets and Social Choice. 1973 , 3, 28-36		84
1999	Clinical Pure Types as a Fuzzy Partition. 1974 , 4, 111-121		96
1998	Fuzzy Chains. 1974 , SMC-4, 472-475		22
1997	The Effect of Logic Operations on Fuzzy Logic Distributions. 1974 , SMC-4, 309-310		2
1996	Fuzzy sets in the theory of measurement of incompatible observables. 1974 , 4, 9-18		28
1995	Concept representation in natural and artificial languages: Axioms, extensions and applications for fuzzy sets. 1974 , 6, 513-561		104
1994	The concept of a linguistic variable and its application to approximate reasoningII. 1975 , 8, 301-357		1949
1993	Round table discussion on the estimation and control in fuzzy environments. 1975 , 11, 209-212		9

1992	The concept of a linguistic variable and its application to approximate reasoning-III. 1975 , 9, 43-80		1971
1991	The concept of a linguistic variable and its application to approximate reasoningII 1975 , 8, 199-249		8489
1990	A bibliography on fuzzy sets. 1975 , 1, 205-212		9
1989	On measures of fuzziness. <i>Journal of Mathematical Analysis and Applications</i> , 1975 , 49, 529-534	1.1	117
1988	DECISION MAKING WITH FUZZY SETS. 1975 , 6, 590-600		64
1987	FUZZY INTERPRETIVE STRUCTURAL MODELING. 1976 , 6, 189-211		14
1986	A FORMULATION OF FUZZY DECISION PROBLEMS AND ITS APPLICATION TO AN INVESTMENT PROBLEM. 1976 , 5, 25-30		51
1985	A fuzzy set approach to modifiers and vagueness in natural language.. 1976 , 105, 254-276		193
1984	On the problem of imprecision. 1976 , 7, 159-170		3
1983	Mae auf unscharfen Mengen. 1976 , 36, 179-188		26
1982	On decision-making in fuzzy environment Fuzzy information and decision making. 1977 , 15, 623-635		8
1981	A MODEL OF LEARNING BASED ON FUZZY INFORMATION. 1977 , 6, 157-166		55
1980	ON DISCRIMINATION OF FUZZY STATES IN PROBABILITY SPACE. 1977 , 6, 185-192		8
1979	The fuzzy decade: a bibliography of fuzzy systems and closely related topics. 1977 , 9, 1-68		98
1978	On fuzziness and linguistic probabilities. <i>Journal of Mathematical Analysis and Applications</i> , 1977 , 61, 658-671	1.1	26
1977	Fuzzy vector spaces and fuzzy topological vector spaces. <i>Journal of Mathematical Analysis and Applications</i> , 1977 , 58, 135-146	1.1	184
1976	Fuzzy Set Theory versus Bayesian Statistics. 1977 , 7, 216-219		18
1975	Linguistic characterization of preference relations as a basis for choice in social systems. 1977 , 11, 383-410		8

1974	FUZZY SETS AND SPATIAL CHOICE* * The partial support of the National Science Foundation, Grant SOC76-15525, is gratefully acknowledged.. 1978 , 68, 196-204		23
1973	On many-valued logics, fuzzy sets, fuzzy logics and their applications. 1978 , 1, 129-149		36
1972	Fuzzy sets as a basis for a theory of possibility. 1978 , 1, 3-28		6399
1971	PRUFĚ meaning representation language for natural languages. 1978 , 10, 395-460		452
1970	Fuzzy Statistics and Forecast Evaluation. 1978 , 8, 396-401		26
1969	A formulation of fuzzy decision problems with fuzzy information using probability measures of fuzzy events. 1978 , 38, 135-147		87
1968	Entropies in finite fuzzy sets. 1978 , 15, 159-168		56
1967	Fuzzy random variables— definitions and theorems. 1978 , 15, 1-29		859
1966	Fuzzy sets, fuzzy algebra, and fuzzy statistics. 1978 , 66, 1619-1639		109
1965	Adaptive learning algorithm in classification of fuzzy patterns An application to vowels in CNC context. 1978 , 9, 887-897		4
1964	A note on probabilities of fuzzy events. 1979 , 18, 113-129		56
1963	A health status index model using a fuzzy approach. 1979 , 3, 40-49		7
1962	The role of fuzzy sets in civil engineering. 1979 , 2, 267-278		36
1961	A model of fuzzy team decision. 1979 , 2, 201-212		14
1960	Independent fuzzy events. <i>Journal of Mathematical Analysis and Applications</i> , 1979 , 67, 412-420	1.1	7
1959	Fuzzy measures and mappings. <i>Journal of Mathematical Analysis and Applications</i> , 1979 , 68, 92-99	1.1	21
1958	Entropy and fuzzy integral. <i>Journal of Mathematical Analysis and Applications</i> , 1979 , 69, 469-474	1.1	34
1957	A New Technique for Estimating System Uncertainty in Design. 1979 , 193, 159-168		4

1956	On foundations of reasoning with uncertain facts and vague concepts. 1980 , 12, 35-62		23
1955	Characterization of finite fuzzy measures using Markoff-kernels. <i>Journal of Mathematical Analysis and Applications</i> , 1980 , 75, 330-339	1.1	37
1954	Fuzzy events and fuzzy logics in classical information systems. <i>Journal of Mathematical Analysis and Applications</i> , 1980 , 75, 523-548	1.1	8
1953	Generalized fuzzy set systems and particularization. 1980 , 4, 275-291		6
1952	Fuzzy processes. 1980 , 4, 117-152		61
1951	On the fuzzy team decision in a changing environment. 1980 , 3, 137-150		20
1950	Advances in Fuzzy Set Theory and Applications. 1980 , 22, 632-633		
1949	FUZZY SETS, PROBABILITIES, AND DECISION. 1980 , 10, 1-18		10
1948	Fuzzy Measures. Probabilities/Possibilities. 1980 , 144, 125-147		
1947	Fuzzy Dynamical Systems and the Nature of Their Solutions. 1980 , 93-121		2
1946	On the control and evaluation of uncertain processes. 1980 , 25, 1182-1187		15
1945	THE FORMULATION AND EVALUATION OF PREDICTIONS. 1981 , 7, 189-205		2
1944	Fuzzy sets and their operations. 1981 , 48, 30-48		54
1943	The degree of belief in a fuzzy event. 1981 , 25, 1-19		89
1942	Evaluating performance statistics used to monitor performance: A fuzzy approach. 1981 , 5, 149-157		2
1941	Semantics and pragmatics of fuzzy sets and systems. 1981 , 6, 119-143		5
1940	Fuzzy expectation and energy states in fuzzy media. 1981 , 6, 145-160		14
1939	Fuzzy probability measures. 1981 , 5, 21-30		65

1938	Concepts of probabilistic sets. 1981 , 5, 31-46		186
1937	Medical diagnosis: Fuzzy sets and degrees of belief. 1981 , 5, 259-266		39
1936	Fuzzy sets and type 2 under algebraic product and algebraic sum. 1981 , 5, 277-290		188
1935	Ordered fuzzy topological spaces. <i>Journal of Mathematical Analysis and Applications</i> , 1981 , 84, 44-58	1.1	25
1934	Fuzzy Perception, Fuzzy Modelling and Fuzzy Control of the Environment in Buildings. 1982 , 25, 75-80		1
1933	Fuzzy Probabilities and Their Role in Decision Analysis. 1982 , 15, 15-21		2
1932	Integration on fuzzy sets. 1982 , 3, 430-434		9
1931	Construction of Fuzzy Algebras using triangular norms. <i>Journal of Mathematical Analysis and Applications</i> , 1982 , 85, 543-565	1.1	94
1930	Generalized probabilities of fuzzy events from fuzzy belief structures. 1982 , 28, 45-62		118
1929	Inference procedures under uncertainty for the problem-reduction method. 1982 , 28, 179-206		90
1928	Some remarks on a paper by R. R. Yager. 1982 , 27, 211-220		8
1927	Towards fuzzy differential calculus part 2: Integration on fuzzy intervals. 1982 , 8, 105-116		99
1926	Towards fuzzy differential calculus part 1: Integration of fuzzy mappings. 1982 , 8, 1-17		207
1925	Correspondence between fuzzy measures and classical measures. 1982 , 7, 57-70		14
1924	Probability of a fuzzy event: An axiomatic approach. 1982 , 7, 153-164		41
1923	Characterization of fuzzy measures constructed by means of triangular norms. <i>Journal of Mathematical Analysis and Applications</i> , 1982 , 86, 345-358	1.1	55
1922	Toward a general theory of fuzzy variables. <i>Journal of Mathematical Analysis and Applications</i> , 1982 , 86, 176-193	1.1	49
1921	Probabilistic methods for the evaluation of seismic damage of existing structures. 1982 , 1, 130-135		10

1920	Towards fuzzy differential calculus part 3: Differentiation. 1982 , 8, 225-233		319
1919	On the construction of fuzzy measures. 1982 , 8, 323-327		13
1918	Potential applications of fuzzy sets in Civil Engineering. 1983 , 19, 9-18		21
1917	Canonical embedding of an abstract quantum logic into the partial Baer*-ring of complex fuzzy events. 1983 , 9, 179-198		3
1916	Measures of fuzzy sets. 1983 , 9, 219-227		3
1915	The extension theorem of F-measure spaces. 1983 , 11, 19-29		16
1914	Fuzzy random measure and its extension theorem. 1983 , 11, 135-149		5
1913	The role of fuzzy logic in the management of uncertainty in expert systems. 1983 , 11, 199-227		1014
1912	On distribution function description of probabilistic sets and its application in decision making. 1983 , 10, 21-29		21
1911	Linear programming under randomness and fuzziness. 1983 , 10, 45-55		79
1910	Decompositions and range for additive fuzzy measures. 1983 , 10, 135-155		17
1909	Fuzzy integrals and conditional fuzzy measures. 1983 , 10, 309-313		29
1908	Querying knowledge base systems with linguistic information via knowledge trees. 1983 , 19, 73-95		19
1907	Quantified propositions in a linguistic logic. 1983 , 19, 195-227		66
1906	Entropy of a finite partition of fuzzy sets. <i>Journal of Mathematical Analysis and Applications</i> , 1983 , 94, 38-43	1.1	17
1905	Probability on fuzzy sets and λ -fuzzy sets. <i>Journal of Mathematical Analysis and Applications</i> , 1983 , 96, 24-41	1.1	6
1904	Fuzzy measures assuming their values in the set of fuzzy numbers. <i>Journal of Mathematical Analysis and Applications</i> , 1983 , 93, 312-323	1.1	15
1903	A computational approach to fuzzy quantifiers in natural languages. 1983 , 9, 149-184		1249

1902	ON THE ENTROPY OF FUZZY EVENTS. 1983 , 12, 53-57		5
1901	On the Fuzzy Measures and the Measures of Fuzziness for L-Fuzzy Sets. 1983 , 16, 341-346		
1900	Analysis of Fuzziness in Image Discrimination Processes. 1983 , 16, 79-80		
1899	Decomposable Measures and Measures of Information for Crisp and Fuzzy Sets. 1983 , 16, 321-327		1
1898	Yager's Probability of a Fuzzy Event in Stochastic Control under Fuzziness. 1983 , 16, 387-391		
1897	Fuzzy Sets Approach to Spatial Analysis and Planning A Nontechnical Evaluation. 1983 , 65, 65-75		2
1896	A COMPUTATIONAL APPROACH TO FUZZY QUANTIFIERS IN NATURAL LANGUAGES Research supported in part by the NSF Grants IST-8018196 and MCS7906543.. 1983 , 149-184		9
1895	Project Scheduling Using Fuzzy Set Concepts. 1984 , 110, 189-204		60
1894	FUZZY SYSTEMS: BASIS FOR A MODELING METHODOLOGY?. 1984 , 15, 361-379		2
1893	NEUROPHYSIOLOGICAL CHARACTERISTICS OF THE FUZZY LOGIC OF PROBLEM-SOLVING. 1984 , 15, 205-208		1
1892	COMPARISON BETWEEN FUZZY INFORMATION SYSTEMS. 1984 , 13, 245-251		21
1891	A review of the fundamental concepts of measurement. 1984 , 2, 25-34		86
1890	ID: An intelligent information dictionary system. 1984 , 4, 197-205		1
1889	Measures of fuzzy sets and measures of fuzziness. 1984 , 13, 247-271		34
1888	A representation of the probability of a fuzzy subset. 1984 , 13, 273-283		17
1887	A fuzzy relational inference language. 1984 , 14, 155-174		79
1886	Fuzzy measures and measures of fuzziness. <i>Journal of Mathematical Analysis and Applications</i> , 1984 , 104, 589-601	1.1	12
1885	Nonstandard entropy and energy measures of a fuzzy set. <i>Journal of Mathematical Analysis and Applications</i> , 1984 , 104, 107-116	1.1	5

1884	Definition et applications d'une mesure de l'information tenant compte de la signification des symboles. 1984 , 39, 523-537	3
1883	Fuzzy probabilities. 1984 , 20, 363-372	99
1882	THE INVESTIGATION OF COST VARIANCES: A FUZZY SET THEORY APPROACH*. 1984 , 15, 359-388	46
1881	Probabilities from fuzzy observations. 1984 , 32, 1-31	22
1880	Probability and fuzziness. 1984 , 34, 85-92	45
1879	An expert system for structure damage assessment. 1984 , 2, 427-432	5
1878	Data Bases with Fuzzy Information and their Summarization in the Framework of Possibility theory. 1985 , 18, 195-199	1
1877	STRUCTURED FUZZY MODELS. 1985 , 16, 103-117	9
1876	Evaluating explicit functional relationships from fuzzy observations. 1985 , 16, 41-52	26
1875	The fuzzy decision problem: An approach to the point estimation problem with fuzzy information. 1985 , 22, 26-34	34
1874	An inexact inference for damage assessment of existing structures. 1985 , 22, 295-306	58
1873	Non-atomic fuzzy measures and games. 1985 , 17, 39-52	10
1872	Fuzzy cardinality and the modeling of imprecise quantification. 1985 , 16, 199-230	146
1871	Quantity of information; Comparison between information systems: 1. Non-fuzzy states. 1985 , 15, 65-78	22
1870	Quantity of information; comparison between information systems: 2. Fuzzy states. 1985 , 15, 129-145	13
1869	Probability of fuzzy events defined as denumerable additivity measure. 1985 , 17, 271-284	66
1868	Fuzzy and probability vectors as elements of a vector space. 1985 , 36, 231-247	
1867	Evidence measures based on fuzzy information. 1985 , 21, 547-562	106

1866	A review of fuzzy set aggregation connectives. 1985 , 36, 85-121	612
1865	Fuzzified Blackwell's method to compare experiments. 1985 , 19, 105-111	2
1864	ENTROPY MINIMAX MULTIVARIATE STATISTICAL MODELING THEORY. 1985 , 11, 231-277	37
1863	A computational approach to approximate and plausible reasoning with applications to expert systems. 1985 , 7, 260-83	170
1862	Decisions in Construction Operations. 1985 , 111, 343-357	16
1861	Event Tree Analysis to Prevent Failures in Temporary Structures. 1986 , 112, 500-513	15
1860	DATA BASES WITH FUZZY INFORMATION AND THEIR SUMMARIZATION IN THE FRAMEWORK OF POSSIBILITY THEORY. 1986 , 195-199	
1859	Is Probability Theory Sufficient for Dealing with Uncertainty in AI: A Negative View* *Research supported in part by NASA Grant NCC-2075 and NSF Grants ECS-8209679 and IST-8320416.. 1986 , 103-116	33
1858	THE F*-DIVERGENCE AS A CRITERION OF COMPARISON BETWEEN FUZZY INFORMATION SYSTEMS. 1986 , 15, 189-194	10
1857	On the unicity of dempster rule of combination. 1986 , 1, 133-142	104
1856	Nonstandard fuzzy sets. 1986 , 18, 173-181	3
1855	On the Bayes formula for fuzzy probability measures. 1986 , 18, 183-185	12
1854	Fuzzy expected utility. 1986 , 20, 163-173	15
1853	On the use of zadeh's probabilistic definition for testing statistical hypotheses from fuzzy information. 1986 , 20, 175-190	61
1852	The fuzzy decision problem: An approach to the problem of testing statistical hypotheses with fuzzy information. 1986 , 27, 371-382	52
1851	Fuzzy measurability and integrability. <i>Journal of Mathematical Analysis and Applications</i> , 1986 , 117, 385-410	17
1850	Fuzzy orthogonal random measure. <i>Journal of Mathematical Analysis and Applications</i> , 1986 , 118, 467-481.1	
1849	Using Markoff kernels to express fuzzy probability. <i>Journal of Mathematical Analysis and Applications</i> , 1986 , 113, 490-503	1.1 0

1848	Fuzzy probability space and extension theorem. <i>Journal of Mathematical Analysis and Applications</i> , 1986 , 113, 188-198	1.1	4
1847	Do neuroleptics prevent relapse? Clinical observations in a psychosocial rehabilitation program. 1986 , 58, 42-50		
1846	An analysis of the auditor's uncertainty about probabilities*. 1986 , 2, 259-282		2
1845	Computer based support of reasoning in the presence of fuzziness and uncertainty. 1986 , 2, 331-346		6
1844	Computer based support of reasoning in the presence of fuzziness. 1986 , 2, 235-256		8
1843	Entropie totale, probabilit� relative, maximum de vraisemblance et d�cision bayesienne subjective. Application au calcul des bornes des probabilit� d'erreur de d�codage. 1986 , 41, 493-510		2
1842	Una medida de incertidumbre probabilistica para sucesos difusos. 1986 , 1, 60-69		
1841	Conditioning in fuzzy environment. 1986 , 19, 149-164		
1840	Fuzzy probability spaces defined by means of the fuzzy relation "less than". 1986 , 19, 273-289		7
1839	Weighted minimum and maximum operations in fuzzy set theory. 1986 , 39, 205-210		162
1838	Fuzzy concepts in production management research: a review. 1986 , 24, 129-147		47
1837	Quality and Uncertainty Assessment of Wildlife Habitat with Fuzzy Sets. 1987 , 113, 95-109		12
1836	New Concepts in Information Theory. 1987 , 35, 220-224		1
1835	ENTROPIC MODELS. 1987 , 18, 1-13		4
1834	The Explicit Support of Human Reasoning in Decision Support Systems. 1987 , 26, 1-45		1
1833	APPLICATION OF FUZZY SET THEORY TO SERVICEABILITY DIAGNOSIS OF STRUCTURES. 1987 , 1987, 365-374		8
1832	NEW DECISION RULES IN STATISTICAL PATTERN RECOGNITION. 1987 , 16, 11-18		3
1831	THE MINIMUM INACCURACY PRINCIPLE IN ESTIMATING POPULATION PARAMETERS FROM GROUPED DATA. 1987 , 16, 43-49		5

1830	Extension of conditional probability and measures of belief and disbelief in a hypothesis based on uncertain evidence. 1987 , 9, 561-8		7
1829	Fuzziness and loss of information in statistical problems. 1987 , 17, 1016-1025		20
1828	Nash fuzzy equilibrium: Theory and application to a spatial duopoly. 1987 , 31, 376-384		4
1827	From fuzzy-set theory to fuzzy set-theory: Some critical remarks on existing concepts. 1987 , 23, 219-237		16
1826	An extensive-form analysis for comparing fuzzy information systems by means of the worth and quietness of information. 1987 , 23, 239-255		6
1825	A concept of observed weighted entropy and its application to pattern recognition. 1987 , 5, 191-194		2
1824	A central limit theorem for fuzzy random variables. 1987 , 24, 331-344		35
1823	A Minkowskian theory of observation: Application to uncertainty and fuzziness. 1987 , 24, 231-254		14
1822	On a consistency measure for object labeling problems. 1987 , 23, 55-71		
1821	Measures of fuzziness of fuzzy events. 1987 , 21, 147-157		7
1820	Fuzzy \mathbb{F} fields and fuzzy measures. <i>Journal of Mathematical Analysis and Applications</i> , 1987 , 124, 281-289	1.1	4
1819	Additive fuzzy measures and integrals, III. <i>Journal of Mathematical Analysis and Applications</i> , 1987 , 125, 288-303	1.1	8
1818	Algebraic properties of complex fuzzy events in classical and in quantum information systems. <i>Journal of Mathematical Analysis and Applications</i> , 1987 , 122, 265-299	1.1	3
1817	From fuzzy data to functional relationships. 1987 , 9, 419-426		7
1816	The concept of fuzzy sets with special regard to their linguistic interpretation \mathbb{A} solution for fuzzy problems?. 1988 , 32, 47-68		
1815	On the loss of information due to fuzziness in experimental observations. 1988 , 40, 627-639		13
1814	The evaluation of verbal models. 1988 , 29, 149-157		3
1813	The minimum inaccuracy estimates in \mathbb{Q} tests for goodness of fit with fuzzy observations. 1988 , 19, 95-115		26

1812	Are grades of membership probabilities?. 1988 , 25, 325-348		113
1811	Using fuzzy set theory in the analysis of structures of information. 1988 , 28, 263-271		0
1810	Fuzzy specifications and random fuzzy events considered as basic tools for statistical prediction. 1988 , 28, 285-293		3
1809	Weighted fuzzy pattern matching. 1988 , 28, 313-331		240
1808	The properties of some non-additive measures. 1988 , 27, 373-377		3
1807	A sequential selection method of a fixed number of fuzzy information systems based on the information energy gain. 1988 , 25, 97-105		14
1806	A note on interval estimation with fuzzy data. 1988 , 28, 209-215		12
1805	Knod knowledge based approach for process design. 1988 , 12, 939-958		20
1804	Fuzzy integrals based on pseudo-additions and multiplications. <i>Journal of Mathematical Analysis and Applications</i> , 1988 , 130, 354-364	1.1	27
1803	Comparison of fuzzy numbers based on the probability measure of fuzzy events. 1988 , 15, 887-896		282
1802	An operative extension of the likelihood ratio test from fuzzy data. 1988 , 29, 191-203		13
1801	Sobre el tamañ de muestra para experimentos aleatorios con imprecision difusa. 1988 , 3, 33-53		1
1800	RENYI ENTROPY OF MAPS: APPLICATIONS TO FUZZY SETS. PATTERN RECOGNITION, AND CHAOTIC DYNAMICS. 1988 , 19, 169-192		7
1799	Possibility Theory. 1988 ,		1628
1798	Automatic image segmentation using fuzzy probability. 1988 , 5, 104-108		1
1797	Nature, Cognition and System I. 1988 ,		2
1796	Using interval-valued fuzzy sets to formalize default reasoning.		
1795	The f*-Divergences in the Sequential Observation of Fuzzy Information Systems. 1988 , 17, 41-52		1

1794	Ambiguity and Decision Making in Image Analysis and Expert System: Fuzzy Mathematical Approach. 1988 , 34, 246-257	
1793	Bayesian Decision Making with Previous Probabilistic Uncertainty and Actual Fuzzy Imprecision. 1988 , 17, 52-66	2
1792	Reaction Topology and Quantum Chemical Molecular Design on Potential Energy Surfaces. 1989 , 55-76	8
1791	CAN WE MEASURE THE ORGANIZATIONAL PROPERTIES OF A SYSTEM BY ITS ENTROPIC VARIANCE?. 1989 , 20, 265-288	1
1790	.	6
1789	.	0
1788	Anticipatory monitoring and control in a process environment. 1989 ,	1
1787	On fuzzily measurable random variables. 1989 , 29, 67-87	
1786	. 1989 , 19, 771-779	15
1785	Combining stochastic uncertainty and linguistic inexactness: theory and experimental evaluation of four fuzzy probability models. 1989 , 30, 69-111	39
1784	Fuzzy sets, probability and measurement. 1989 , 40, 135-154	162
1783	On λ -fuzzy sets. 1989 , 31, 123-129	
1782	A note on the operativenss of Neyman-Pearson tests with fuzzy information. 1989 , 30, 215-220	16
1781	Convergence properties of the monotone expectation and its application to the extension of fuzzy measures. 1989 , 33, 201-212	17
1780	On the problem of fuzzy searching for hard workability rocks in open-pit mine exploitation. 1989 , 21, 309-318	4
1779	. 1989 , 1, 89-100	272
1778	.	3
1777	The representation of uncertainty in medical expert systems. 1989 , 14, 269-79	13

1776	Informational Entropy of Distributed Deterministic Maps: Applications to Small Samples of Fuzzy Sets and to Pattern Recognition. 1989 , 18, 32-47	4
1775	A Theory of Information for Vague Concepts. Outline of Application to Approximate Reasoning. 1990 , 19, 15-34	5
1774	New screening system for unruptured cerebral aneurysms--combination of an expert system and DSA examination. 1990 , 30, 575-81	10
1773	La energia informacional de orden μ y tipo \mathbb{F} como criterio de comparacion de sistemas de informacion difusa. 1990 , 5, 33-51	5
1772	Formalizing default reasoning. 1990 , 5, 374-378	
1771	Consonant approximations of belief functions. 1990 , 4, 419-449	123
1770	Connections between some criteria to compare fuzzy information systems. 1990 , 37, 183-192	5
1769	Enhancing medical expert systems with knowledge obtained from statistical data. 1990 , 2, 261-276	5
1768	Scalar evaluations of fuzzy sets: overview and applications. 1990 , 3, 37-42	19
1767	Uncertainties in system analysis: Probabilistic versus nonprobabilistic theories. 1990 , 30, 163-181	50
1766	Lumpability in compartmental models. <i>Journal of Mathematical Analysis and Applications</i> , 1990 , 146, 306-317	5
1765	Street-lighting lamps replacement: A fuzzy viewpoint. 1990 , 37, 161-172	53
1764	Measuring properties of fuzzy sets: A general technique and its use in fuzzy query evaluation. 1990 , 38, 137-152	45
1763	On the degree of fuzziness of a fuzzy set. 1990 , 36, 259-264	4
1762	Project correlation in portfolio theory. 1990 , 7, 170-177	0
1761	A Fuzzy Approach To The Measurement Of Poverty. 1990 , 272-284	128
1760	FUZZY MEASURES AND FUZZY INTEGRALS: AN OVERVIEW. 1990 , 17, 157-189	19
1759	. 1990 , 28, 194-201	331

1758	.			1
1757	.	1991 , 13, 552-567		10
1756	.	1991 , 29, 656-664		12
1755	.			
1754		Fuzzy mathematics method for theoretical analysis of ground movements due to underground excavation. 1991 , 13, 45-56		
1753		Systems framework for fuzzy sets in civil engineering. 1991 , 40, 491-508		13
1752		Bulletin. 1991 , 39, 227-237		
1751		Towards a fuzzy logic programming system: a fuzzy propositional logic. 1991 , 4, 52-62		2
1750		Fuzzy reliability modeling of gracefully degradable computing systems. 1991 , 33, 141-157		64
1749		Triangular norm-based measures and their Markov kernel representation. <i>Journal of Mathematical Analysis and Applications</i> , 1991 , 162, 111-143	1.1	51
1748		A concept of fuzzy transition probabilities. 1991 , 32, 35-50		1
1747	.	1991 , 21, 735-742		34
1746		Generalized measures. 1991 , 40, 375-394		48
1745		An experiment for the interpretation of multitemporal remotely sensed images based on a fuzzy logic approach. 1991 , 12, 463-476		18
1744		FUZZY QUANTUM MODELS. 1991 , 20, 39-54		16
1743		Information Energy and Its Applications. 1991 , 165-241		8
1742	.			
1741		AN APPROACH TO THE ENTROPY OF (A OR B) VIA MAXIMIZATION OF CONDITIONAL ENTROPY. 1992 , 23, 603-620		2

1740	CONTROL OF CONSTRUCTION ACTIVITIES: II. CONDITION ASSESSMENT OF ATTRIBUTES. 1992 , 9, 179-204	1
1739	From Entropy of Fuzzy Sets to Fuzzy Set of Entropies: A Critical Review and New Results. 1992 , 21, 33-51	1
1738	ENTROPY MEASURES UNDER SIMILARITY RELATIONS. 1992 , 20, 341-358	43
1737	Knowledge Representation in Fuzzy Logic. 1992 , 1-25	33
1736	Bibliography. 1992 , 505-536	
1735	Fuzzy Multiple Attribute Decision Making. 1992 ,	1146
1734	Applications of the theory of fuzzy sets. 1992 , 58, 148-194	1
1733	Probabilities and fuzzy events: An operational approach. 1992 , 48, 113-127	7
1732	A measure theoretical approach of the problem of computing production costs. 1992 , 48, 305-321	1
1731	A fuzzy set theoretic approach to weak known-signal detection. 1992 , 28, 183-194	5
1730	Towards a fuzzy-logic programming system: a 1st-order fuzzy logic. 1992 , 5, 106-116	1
1729	Fuzziness in the experimental outcomes: comparing experiments and removing the loss of information. 1992 , 31, 93-111	6
1728	Some statistical applications of generalized Jensen difference divergence measures for fuzzy information systems. 1992 , 52, 169-180	3
1727	Fuzzy measure of fuzzy events defined by fuzzy integrals. 1992 , 50, 293-313	84
1726	Reconstruction possibilities for fuzzy sets: Towards a new level of understanding?. 1992 , 52, 283-303	3
1725	A random-fuzzy analysis of existing structures. 1992 , 48, 201-210	34
1724	Fuzzy divergence, probability measure of fuzzy events and image thresholding. 1992 , 13, 857-867	40
1723	The validity of Dempster-Shafer belief functions. 1992 , 6, 389-399	18

1722	Qualitative features and the generalized hough transform. 1992 , 25, 987-1006	5
1721	. 1992 , 41, 317-320	2
1720	Higher order fuzzy entropy and hybrid entropy of a set. 1992 , 61, 211-231	74
1719	Fuzzy sets and applications: Selected papers by L.A. Zadeh. 1993 , 61, 351-358	
1718	The (F) terminal Information energy in the sequential selection of fuzzy information systems. 1993 , 69, 65-88	
1717	Statistical management of fuzzy elements in random experiments. Part 1: A discussion on treating fuzziness as a kind of randomness. 1993 , 69, 229-242	3
1716	Statistical management of fuzzy elements in random experiments. Part 2: The fisher information associated with a fuzzy information system. 1993 , 69, 243-257	1
1715	A stochastic possibilistic programming model for bank hedging decision problems. 1993 , 57, 351-363	12
1714	Fuzzy subsets of the space of probability measures and expected value of fuzzy variable. 1993 , 54, 301-309	10
1713	A fuzzy probabilistic information system comparison criterion: Applications and properties. 1993 , 58, 171-183	4
1712	Fuzzy states as a basis for a theory of fuzzy reliability. 1993 , 33, 2253-2263	110
1711	A preliminary investigation of new mechanical product development based on reliability theory. 1993 , 40, 187-194	12
1710	Fuzzy logic for phytosociology. 1993 , 106, 13-20	16
1709	The fundamental syntopy of quasi-symmetric systems: Geometric criteria and the underlying syntopy of a nuclear configuration space. 1993 , 45, 177-187	23
1708	Fuzzy logics and observables. 1993 , 32, 1143-1151	5
1707	One-shot decisions under Linear Partial Information. 1993 , 34, 1-20	8
1706	Integrating case- and rule-based reasoning. 1993 , 8, 163-203	32
1705	Entropy of a fuzzy process. 1993 , 55, 169-177	35

1704	The representation of geoscience information for data integration. 1993 , 2, 122-139	130
1703	Some new information measures for fuzzy sets. 1993 , 67, 209-228	204
1702	.	66
1701	.	1
1700	.	2
1699	.	
1698	A DECISION RULE ON POSSIBILITY DISTRIBUTIONS OF FUZZY EVENTS. 1993 , 24, 69-80	3
1697	Control charts for process average and variability based on linguistic data. 1993 , 31, 913-922	86
1696	.	
1695	Reliability Consideration of a Flexible Manufacturing System from Fuzzy Information. 1993 , 10,	5
1694	A SIMPLE DECISION RULE ON FUZZY EVENTS. 1993 , 24, 509-521	1
1693	Bayes' formula holds for fuzzy events. 1993 , 2061, 255	
1692	FUZZY MEASURES AND FUZZY INTEGRALS A SURVEY. 1993 , 251-257	35
1691	A Definition of a Nonprobabilistic Entropy in the Setting of Fuzzy Sets Theory. 1993 , 197-202	6
1690	FUZZY SETS. 1993 , 27-64	3
1689	.	2
1688	.	3
1687	The range of null-additive fuzzy and non-fuzzy measures. 1994 , 65, 105-115	26

1686	Axiomatic unsharp quantum theory (From Mackey to Ludwig and Piron). 1994 , 24, 631-683	24
1685	A stochastic interpretation of membership functions. 1994 , 30, 551-553	4
1684	Bayesian sequential test for fuzzy parametric hypotheses from fuzzy information. 1994 , 80, 283-298	9
1683	Fuzzy sets with inner interdependence. 1994 , 79, 315-338	3
1682	A probability of fuzzy events approach to validating expert systems in a multiple agent environment. 1994 , 7, 169-174	4
1681	The α -equilibrium in transportation networks. 1994 , 68, 195-202	7
1680	Decompositions of supermodular functions and α -decomposable measures. 1994 , 65, 71-83	4
1679	Q-scale measures of fuzzy sets. 1994 , 66, 59-81	6
1678	Generalized formulation of yield, variability, minimax and Taguchi circuit optimization problems. 1994 , 34, 31-37	0
1677	Possibility theory and data fusion in poorly informed environments. 1994 , 2, 811-823	132
1676	Classification of landsat remote sensing images by a fuzzy unsupervised clustering algorithm. 1994 , 1, 97-116	1
1675	. 1994 , 24, 470-481	2
1674	. 1994 , 24, 745-759	12
1673	. 1994 , 2, 32-33	31
1672	. 1994 , 2, 107-118	199
1671	CAPITAL BUDGETING: A FUZZY SET APPROACH FOR DETERMINING EXPECTED VALUE OF CASH FLOWS. 1995 , 3, 105-125	
1670	.	1
1669	Approximate Bayesian Interval Estimation by Fuzzy Interval Data from Normal Population. 1995 , 7, 786-808	1

1668	An Application of Fuzzy Logic Control to a Classical Military Tracking Problem. 1995 , 107, 99-108	1
1667	A psychological evaluation method for fluctuating random noise based on fuzzy set theory. 1995 , 45, 139-154	4
1666	Intelligent reasoning using general knowledge to update specific information: A database approach. 1995 , 4, 281-304	7
1665	The impact of semantic ambiguity on Bayesian weights. 1995 , 84, 163-169	1
1664	Fuzzy common knowledge. 1995 , 24, 73-82	1
1663	Probability measure of adequacy assessment using a fuzzy approach. 1995 , 33, 7-15	1
1662	Reliability analysis method in the presence of fuzziness attached to operating time. 1995 , 35, 1483-1487	37
1661	Performance characteristics of the fuzzy sign detector. 1995 , 74, 195-205	3
1660	Mathematical considerations and improvement on the fuzzy vector quantization-based hidden markov model. 1995 , 78, 9-22	2
1659	Fuzzy probabilities and their applications to statistical inference. 1995 , 217-222	7
1658	Bayesian inference based upon fuzzy events.	
1657	. 1995 , 3, 313-335	55
1656	A computerized sensitivity analysis approach for modeling reliability of construction operations.	
1655	Discussion: Fuzzy Logic Control Technology: A Personal Perspective. 1995 , 37, 262-266	2
1654	Discussion: Probability Theory and Fuzzy Logic Are Complementary Rather Than Competitive. 1995 , 37, 271-276	147
1653	.	5
1652	.	1
1651	.	3

1650	Possibility, probability and relative information: a unified approach via geometric programming. 1995 , 24, 18-33	3
1649	Introducing contextual information in multisensor tracking algorithms. 1995 , 595-604	3
1648	. 1995 , 83, 435-449	84
1647	Fuzzy Sets in Probabilistic Structural Mechanics. 1995 , 280-316	5
1646	ON THE INTEGRAL REPRESENTATION OF FUZZY POSSIBILITY MEASURES. 1995 , 23, 109-121	3
1645	. 1995 , 43, 2111-2117	15
1644	Relationship Between Monthly Atmospheric Circulation Patterns and Precipitation: Fuzzy Logic and Regression Approaches. 1996 , 32, 2097-2103	17
1643	SAMPLING QUALITATIVE AND FUZZY VARIABLES AS A TOOL FOR THE GENERAL SYSTEM PROBLEM SOLVER. 1996 , 24, 117-124	0
1642	Complex quantified statements in database flexible querying.	1
1641	A probabilistic approach to rank complex fuzzy numbers. 1996 , 80, 167-176	50
1640	A fuzzy modeling approach to decision fusion under uncertainty.	3
1639	Der Fuzzy-Set-Ansatz in der Armutsmessung / A Fuzzy Set Approach to Poverty Measurement. 1996 , 215, 444-469	3
1638	Computer aided rule extraction from examples. 1996 , 437-446	
1637	Use of AIC to Select Statistical Models for Fuzzy Interval Data. 1996 , 8, 706-719	0
1636	Fuzzy Random Variables and Statistical Inference. 1996 , 8, 908-917	7
1635	Bayesian estimation in forest surveys when samples or prior information are fuzzy. 1996 , 77, 277-290	15
1634	On fuzzy interactive knowledge. 1996 , 80, 159-165	3
1633	On fuzzy stochastic optimization. 1996 , 81, 47-55	135

1632	Independent fuzzy random variables and their application. 1996 , 82, 335-350		11
1631	Structural Analysis with Fuzzy Variables. 1996 , 11, 47-58		8
1630	A practical prediction method of psychological response to arbitrary non-white random noise based on simplified patterns of membership functions. 1996 , 48, 155-174		3
1629	On a Representation of Observables in Fuzzy Measurable Spaces. <i>Journal of Mathematical Analysis and Applications</i> , 1996 , 197, 579-585	1.1	5
1628	Ts-Tribes andTs-Measures. <i>Journal of Mathematical Analysis and Applications</i> , 1996 , 201, 91-102	1.1	18
1627	Fuzzy independence and extended conditional probability. 1996 , 90, 137-156		3
1626	Fuzzy subsethood. 1996 , 77, 371-384		121
1625	Signal analysis in fuzzy information space. 1996 , 77, 49-62		11
1624	Point estimation for the n sizes of random sample with one vague data. 1996 , 80, 205-215		9
1623	Fuzzy dynamic programming: Main developments and applications. 1996 , 81, 31-45		73
1622	A mass assignment theory of the probability of fuzzy events. 1996 , 83, 353-367		73
1621	Automated real-time pavement distress detection using fuzzy logic and neural network. 1996 ,		15
1620	Using a fuzzy method to study a small sample problem of natural disaster risk assessment.		
1619	Application of fuzzy decision-making in facilities layout planning. 1996 , 34, 3207-3225		74
1618	Fuzzy Set Theory. 1996 ,		37
1617	Functional Groups in Quantum Chemistry. 1996 , 163-222		51
1616	Data Analysis and Information Systems. 1996 ,		2
1615	LINGUISTIC CHARACTERIZATION OF PREFERENCE RELATIONS AS A BASIS FOR CHOICE IN SOCIAL SYSTEMS. 1996 , 336-354		2

1614	FUZZY SETS. 1996 , 394-432	236
1613	FUZZY SETS AND INFORMATION GRANULARITY. 1996 , 433-448	27
1612	TEST-SCORE SEMANTICS FOR NATURAL LANGUAGES AND MEANING REPRESENTATION VIA PRUF. 1996 , 542-586	1
1611	FUZZY PROBABILITIES. 1996 , 643-652	1
1610	Knowledge Representation in Fuzzy Logic. 1996 , 764-774	2
1609	Novel fuzzy logic approach to pavement distress detection. 1996 , 2946, 97	5
1608	Transition probabilities for Markov chains having fuzzy states. 1997 , 15, 527-546	2
1607	BAYESIAN INFERENCE OF FUZZY PROBABILITIES. 1997 , 26, 73-90	23
1606	A data fusion approach for classification from disparate knowledge.	1
1605	$G/\text{sub } /spl \lambda//\text{-independent fuzzy events in fuzzy systems.}$	
1604	From Classical Mathematics to Fuzzy Mathematics: Emergence of a New Paradigm for Theoretical Science. 1997 , 31-63	1
1603	Imperfect Information: Imprecision and Uncertainty. 1997 , 225-254	81
1602	Signed $/spl \lambda/\text{-measures and their decompositions.}$	0
1601	Information measure of type $/spl \beta/\text{ under similarity relations.}$	0
1600	Investing in New Companies in an Unstable Economic Environment: A Fuzzy Set Approach. 1997 , 23, 68-80	1
1599	Decentralized parameter estimation with fuzzy information.	
1598	. 1997 , 33, 752-769	43
1597	Latin Hypercube Sampling Monte Carlo Estimation of Average Quality Index for Integrated Circuits. 1997 , 131-142	3

1596	Fuzzy Measures of Molecular Shape and Size. 1997 , 139-223	5
1595	A Stochastic Evaluation for an Acoustic Environmental System by Introducing Two Types of Information Processing Methods Based on Regression Models of an Expansion Series Type and Fuzzy Probability. 1997 , 5, 355-360	
1594	The Kolmogorov-Sinaj Theorem on Generators for Fuzzy Dynamical Systems. 1997 , 30,	
1593	Point-in-Polygon Analysis Under Certainty and Uncertainty. 1997 , 1, 93-114	13
1592	Entropy of fuzzy events. 1997 , 88, 99-106	12
1591	Fuzzy stochastic fuzzy time series and its models. 1997 , 88, 333-341	20
1590	A quasi-linear fuzzy measure of multi-attributes. 1997 , 90, 255-266	4
1589	Some mathematical aspects of fuzzy sets: Triangular norms, fuzzy logics, and generalized measures. 1997 , 90, 133-140	17
1588	Possibility measures, integration and fuzzy possibility measures. 1997 , 92, 191-196	15
1587	A note on fuzzy information measures. 1997 , 18, 425-432	122
1586	A fuzzy logic based approach for semiological analysis of microcalcifications in mammographic images. 1997 , 12, 819-848	39
1585	A Semantics for Possibility Theory Based on Likelihoods. <i>Journal of Mathematical Analysis and Applications</i> , 1997 , 205, 359-380	1.1 91
1584	Automatically determine the membership function based on the maximum entropy principle. 1997 , 96, 163-182	67
1583	A novel fuzzy logic approach to microcalcification detection. 1998 , 111, 189-205	5
1582	Fuzzy Quantum Logics as a Basis for Quantum Probability Theory. 1998 , 37, 281-290	4
1581	Threshold selection based on fuzzy c-partition entropy approach. 1998 , 31, 857-870	141
1580	Sharp and Unsharp Quantum Effects. 1998 , 20, 169-187	12
1579	Integration and fusion of geological exploration data: a theoretical review of fuzzy logic approach. 1998 , 2, 175-183	16

1578	Identification of membership functions based on fuzzy observation data. 1998 , 93, 311-318	13
1577	Development of an automated fuzzy-logic-based expert system for unmanned landing. 1998 , 93, 145-159	9
1576	Updating non-additive measures with fuzzy information. 1998 , 94, 355-366	5
1575	The minimum Divergence estimates with fuzzy observations: Statistical applications. 1998 , 96, 101-109	
1574	A note on the conditional probability of fuzzy subsets of a continuous domain. 1998 , 96, 211-222	5
1573	Fuzzy Markovian decision process. 1998 , 99, 273-282	18
1572	Entropy of fuzzy partitions: A general model. 1998 , 99, 73-79	31
1571	Evolution of fuzzy uncertainty in neural network learning.	
1570	Possibility Theory: Qualitative and Quantitative Aspects. 1998 , 169-226	88
1569	Fuzzy Dynamic Programming. 1998 , 281-307	18
1568	Static and dynamic state estimation methods for sound environment based on fuzzy observation.	
1567	Thresholding based on fuzzy partition of 2D histogram.	5
1566	Basic issues of computing with granular probabilities.	5
1565	Qualitative and Spatial Comparative Study of Satellite Images Classified by Supervised and Fuzzy Logic Based Classification Algorithms: A case study in Kilkis prefecture, Central Macedonia, Greece. 1998 , 31, 195-200	
1564	On a generic fusion model in situation assessment processes dealing with disparate sources.	1
1563	Knowledge Acquisition from Multiple Experts: An Empirical Study. 1998 , 44, 1049-1058	24
1562	Fuzzy Pattern Recognition. 1999 ,	4
1561	Linguistic selectors and their optimization.	

1560 Fuzzy evolutionary programming for hidden Markov modelling in speaker identification.

1559 Mathematics of Fuzzy Sets. **1999**, 143

1558 Fuzzy Sets in Approximate Reasoning and Information Systems. **1999**, 35

1557 A concept of a probability of an intuitionistic fuzzy event. **1999**, 11

1556 A GENERALIZATION OF SHANNON'S INFORMATION THEORY. **1999**, 28, 453-490 13

1555 Fuzzy partition of two-dimensional histogram and its application to thresholding. **1999**, 32, 825-843 60

1554 Fuzzy development of crisp activity relationship charts for facilities layout. **1999**, 36, 1-16 34

1553 Correlation of fuzzy sets. **1999**, 102, 221-226 143

1552 Connectives and fuzziness for classical effects. **1999**, 106, 247-254 6

1551 On quantification of different facets of uncertainty. **1999**, 107, 81-91 25

1550 Fuzzy sets as a basis for a theory of possibility. **1999**, 100, 9-34 459

1549 A novel fuzzy entropy approach to image enhancement and thresholding. **1999**, 75, 277-301 95

1548 Controlling with words using automatically identified fuzzy Cartesian granule feature models. **1999**, 22, 109-148 4

1547 Granular computing in the development of fuzzy controllers. **1999**, 14, 419-447 16

1546 A mass assignment method for prototype induction. **1999**, 14, 1041-1070 9

1545 An adaptable system to construct fuzzy decision trees. 18

1544 Novel Approach to Pavement Cracking Detection Based on Fuzzy Set Theory. **1999**, 13, 270-280 122

1543 Application of ANFIS for coagulant dosing process in a water purification plant. **1999**, 3

1542	Granular correlation analysis in data mining.	1
1541	Decision making with fuzzy probability assessments. 1999 , 7, 462-467	39
1540	Fuzzy dynamic programming: theory and applications to decision and control.	1
1539	A fuzzy approach to strategic games. 1999 , 7, 634-642	17
1538	From computing with numbers to computing with words. From manipulation of measurements to manipulation of perceptions. 1999 , 46, 105-119	676
1537	. 1999 ,	2
1536	Fuzzy probabilistic rule induction.	
1535	Granular correlation analysis in data mining. 1999 ,	2
1534	Generalization of the Dempster-Shafer theory: a fuzzy-valued measure. 1999 , 7, 255-270	46
1533	Hybrid soft computing systems: industrial and commercial applications. 1999 , 87, 1641-1667	63
1532	Fuzzy logic-a modern perspective. 1999 , 11, 153-165	54
1531	Fuzzy Statistics. 1999 ,	1
1530	Test of Distribution Type by Likelihood Ratio based on Fuzzy Interval Data. 1999 , 11, 1020-1032	
1529	Chemical bonding in proteins and other macromolecules. 1999 , 6, 613-636	1
1528	Conditioning a state by a \mathbb{U} kasiewicz event: a probabilistic approach to Ulam games. 2000 , 230, 149-166	5
1527	Reliability analysis of slopes using fuzzy sets theory. 2000 , 27, 101-115	86
1526	Portfolio selection based on fuzzy probabilities and possibility distributions. 2000 , 111, 387-397	208
1525	A fuzzy modeling approach to decision fusion under uncertainty. 2000 , 114, 59-69	17

1524	Crisp analogs of fuzzy sets. 2000 , 110, 293-298	2
1523	Fuzzy probability over fuzzy field with fuzzy topological spaces. 2000 , 116, 201-223	4
1522	Modeling vague beliefs using fuzzy-valued belief structures. 2000 , 116, 167-199	88
1521	Knowledge-based assessment of watershed condition. 2000 , 27, 315-334	33
1520	Fuzzy structural analysis using level optimization. 2000 , 26, 547-565	219
1519	CHANCE CONSTRAINED BOTTLENECK SPANNING TREE PROBLEM WITH FUZZY RANDOM EDGE COSTS. 2000 , 43, 128-137	12
1518	Outline of a Computational Theory of Perceptions Based on Computing with Words. 2000 , 3-22	12
1517	A fundamental trial on independent component analysis under the introduction of fuzzy theory.	
1516	Fuzzy control model in the hospitality industry. 2000 , 2, 156-163	12
1515	Assessment of working capital requirements by fuzzy set theory. 2000 , 7, 93-103	5
1514	Standard costing for fuzzy decision support information system: take product mix for an example. 2000 , 3, 1-42	
1513	Querying probabilistic land cover data using fuzzy set theory. 2000 , 14, 359-372	16
1512	Fuzzy Sets: History and Basic Notions. 2000 , 21-124	70
1511	Quantifying Different Facets of Fuzzy Uncertainty. 2000 , 459-480	11
1510	Soft Computing for Knowledge Discovery. 2000 ,	10
1509	Possibility Theory, Probability and Fuzzy Sets Misunderstandings, Bridges and Gaps. 2000 , 343-438	79
1508	Application of fuzzy probability in water quality management of a river system. 2000 , 31, 575-591	37
1507	Fuzzy Sets and Fuzzy Systems: A Brief Introduction. 2000 , 3-30	

1506	Principles of Data Mining and Knowledge Discovery. 2000 ,	2
1505	Regional precipitation and temperature scenarios for climate change. 2000 , 45, 559-575	16
1504	Toward the automatic assessment of evolvability for reusable class libraries. 2000 ,	1
1503	Probability prediction based on fuzzy information diffusion partition.	
1502	Predicting class libraries interface evolution: an investigation into machine learning approaches.	4
1501	A proposal of fuzzy test for statistical hypothesis.	1
1500	Thresholding using two-dimensional histogram and fuzzy entropy principle. 2000 , 9, 732-5	84
1499	Multiobjective fuzzy random linear programming using E-model and possibility measure.	1
1498	Fuzzy entropy: a brief survey.	39
1497	FOUNDATIONS OF FUZZY SET THEORY AND FUZZY LOGIC: A HISTORICAL OVERVIEW. 2001 , 30, 91-132	20
1496	Component selection and matching for IP-based design.	10
1495	Fuzzy Logic Application in Gasket Selection and Sealing Performance. 2001 , 18, 67-78	9
1494	Handling possibilistic labels in pattern classification using evidential reasoning. 2001 , 122, 409-424	85
1493	Data-based fuzzy rule test for fuzzy modelling. 2001 , 123, 343-358	26
1492	A Bayesian approach to fuzzy hypotheses testing. 2001 , 123, 39-48	66
1491	Fuzzy probability system: fuzzy-probability space (1). 2001 , 120, 469-486	8
1490	Fuzzy equalization in the construction of fuzzy sets. 2001 , 119, 329-335	70
1489	Presentation and description of two classification methods using data fusion based on sensor management. 2001 , 2, 49-71	38

1488	PSYCHOLOGICAL EVALUATION OF EXTERNAL NOISE IN THE CASE OF LISTENING TO AN AUDIO SIGNAL, TAKING ACCOUNT OF THE DIFFERENCE BETWEEN THE POWER SPECTRAL CHARACTERISTIC OF THE AUDIO SIGNAL AND THAT OF NOISE. 2001 , 245, 205-215	3
1487	Fusing object information and peer information. 2001 , 16, 1419-1444	3
1486	On Measuring Uncertainty and Uncertainty-Based Information: Recent Developments. 2001 , 32, 5-33	92
1485	SENSOR FUSION INTEGRATING CONTEXTUAL INFORMATION. 2001 , 09, 369-409	2
1484	BELL-TYPE INEQUALITIES IN FUZZY PROBABILITY CALCULUS. 2001 , 09, 263-275	9
1483	A fuzzy sets model for construction dispute evaluation. 2001 , 1, 117-127	10
1482	Fuzzy Bayes predictor in electric load forecasting.	2
1481	A new fuzzy clustering method based on distance and density.	
1480	Simulation of random fuzzy variables: an empirical approach to statistical/probabilistic studies with fuzzy experimental data. 2002 , 10, 384-390	41
1479	Advances in Soft Computing [AFSS 2002]. 2002 ,	10
1478	Connections between rough set theory and Dempster-Shafer theory of evidence. 2002 , 31, 405-430	102
1477	A Proposal of Probability of Rough Event Based on Probability of Fuzzy Event. 2002 , 357-364	2
1476	Fuzzy Hypotheses Testing with Fuzzy Data: A Bayesian Approach. 2002 , 527-533	7
1475	Rough Sets and Current Trends in Computing. 2002 ,	15
1474	A Model for the Estimation of Global Solar Radiation Using Fuzzy Random Variables. 2002 , 41, 1267-1276	14
1473	The identification of fuzzy weighted classification system incorporated with Fuzzy Naive Bayes from data.	
1472	A conditioning interval based on superconditionals and superpower sets.	
1471	Fuzzy Markov predictor with first and second-order dependences.	

1470 A METHOD OF MANAGING COMPLEX FUZZY INFORMATION. **2002**, 33, 17-42

1469 5. Considerations for Using Fuzzy Set Theory and Probability Theory. **2002**, 87-104

2

1468 Breast Cancer Classification Using Fuzzy Central Moments. **2002**, 36-52

1

1467 Fuzzy Naive Bayes classifier based on fuzzy clustering.

6

1466 A fuzzy logic framework to improve the performance and interpretation of rule-based quality prediction models for OO software.

2

1465 A simple fuzzy statistical evaluation for process control performance.

1464 Fuzzy Markov predictor in electric load forecasting.

2

1463 Fuzzy models of language structures. **2002**, 10, 421-435

2

1462 A fuzzy risk approach for seasonal water quality management of a river system. **2002**, 38, 5-1-5-9

76

1461 Impact of contextual information integration on pixel fusion. **2002**, 40, 1997-2010

7

1460 . **2002**, 38, 346-351

25

1459 Triangular Norm-Based Measures. **2002**, 947-1010

4

1458 Fuzzy linguistic model for evaluating the risk of neonatal death. **2002**, 36, 686-92

19

1457 Measures of Information. **2002**, 1523-1565

1456 . **2002**, 49, 173-180

21

1455 Redefining chance-constrained programming in fuzzy environment. **2002**, 125, 327-333

30

1454 Blackwell sufficiency and fuzzy experiments. **2002**, 130, 51-66

1453 A reformulation of entropy in the presence of indistinguishability operators. **2002**, 128, 185-196

17

1452	Toward a perception-based theory of probabilistic reasoning with imprecise probabilities. 2002 , 105, 233-264	234
1451	An application of calculated fuzzy risk. 2002 , 142, 37-56	39
1450	The bag model in language statistics. 2002 , 147, 13-44	1
1449	Fuzzy Non-Homogeneous Markov Systems. 2002 , 17, 203-214	10
1448	Fuzzy epidemics. 2003 , 29, 241-59	30
1447	Psychological impression and listening score while listening to audio signal under meaningless steady noise. 2003 , 64, 443-457	2
1446	The fuzzy estimators of fuzzy parameters based on fuzzy random variables. 2003 , 146, 101-114	20
1445	Contrast-based image attention analysis by using fuzzy growing. 2003 ,	465
1444	Uncertainty, Entropy and Maximum Entropy Principle [An Overview. 2003 , 1-53	4
1443	Fuzzy Markov predictor in multi-step electric load forecasting.	2
1442	Predictive Tool for Estimating Accident Risk. 2003 , 129, 431-436	61
1441	Chapter 2 Fuzzy logic. 2003 , 51, 33-49	4
1440	Improvement of the Interpretability of Fuzzy Rule Based Systems: Quantifiers, Similarities and Aggregators. 2003 , 102-123	2
1439	Toward a perception-based theory of probabilistic reasoning with imprecise probabilities. 2003 , 3-34	2
1438	A road reduction method using multi-criteria fusion.	
1437	Choice of a method for the construction of fuzzy decision trees.	5
1436	Fuzziness in System Reliability Analysis and Fuzzy Theory Applications. 2003 , 15, 42-60	1
1435	Features with fuzzy probability.	1

1434	Membership Functions and Probability Measures of Fuzzy Sets. 2004 , 99, 867-877	96
1433	Image Segmentation Based on Fuzzy 3-Partition Entropy Approach and Genetic Algorithm. 2004 , 140-143	
1432	A Demonstration of Reliability of the Interior-outer-set Model*. 2004 , 33, 205-222	8
1431	Binarization of color images from an adaptation of possibilistic c-means algorithm. 2004 ,	1
1430	Granular entropy based hybrid knowledge reduction using uniform rough approximations.	
1429	Fuzzy hidden Markov predictor in electric load forecasting.	3
1428	FUZZY POSSIBILITIES AS UPPER PREVISIONS. 2004 , 12, 559-574	1
1427	Modeling Decisions for Artificial Intelligence. 2004 ,	3
1426	Unsupervised change detection using fuzzy entropy principle.	2
1425	Fuzzy Integrals. 2004 , 7-14	6
1424	INDUCTION AND FUSION OF FUZZY PROTOTYPES. 2004 , 12, 409-446	1
1423	Fuzzy Set Theory Based Decision Model for Determining Market Position and Developing Strategy for Hospital Service Quality. 2004 , 15, 439-456	43
1422	Neuro-Fuzzy Control of Railcar Vibrations Using Semiactive Dampers. 2004 , 19, 81-92	18
1421	Assessing risks due to threats to internal control in a computer-based accounting information system: a pragmatic approach based on fuzzy set theory. 2004 , 12, 139-152	9
1420	Intelligent condition monitoring using fuzzy inductive learning. 2004 , 15, 373-380	21
1419	Fuzzy Conditional Probability Relations and their Applications in Fuzzy Information Systems. 2004 , 6, 345-365	16
1418	Variation in accident risk level by perspectives: Field and management. 2004 , 8, 157-163	3
1417	Optimisation under hybrid uncertainty. 2004 , 146, 187-203	58

1416	A knowledge-based model of watershed assessment for sediment. 2004 , 19, 423-433	21
1415	Theory of Markov systems with fuzzy states. 2004 , 143, 427-445	17
1414	Probable equivalence, superpower sets, and superconditionals. 2004 , 19, 1151-1171	6
1413	Bell-type inequalities for quasi-copulas. 2004 , 148, 263-278	46
1412	Financial markets analysis by using a probabilistic fuzzy modelling approach. 2004 , 35, 291-305	44
1411	Generalized information theory: aims, results, and open problems. 2004 , 85, 21-38	81
1410	Fuzzy reliability estimation using Bayesian approach. 2004 , 46, 467-493	50
1409	A framework for linguistic modelling. 2004 , 155, 1-39	110
1408	Improvement on interior-outer-set model for estimating fuzzy probability. 2004 ,	1
1407	Co-occurrence, interest, and fuzzy events. 2004 ,	1
1406	A study on fuzzy random minimum spanning tree problems through possibilistic programming and the expectation optimization model.	1
1405	On constructing probabilistic fuzzy classifiers from weighted fuzzy clustering.	
1404	Covariant fuzzy observables and coarse-graining. 2004 , 53, 425-441	12
1403	Generalized information theory: aims, results, and open problems. 2004 , 85, 21-21	1
1402	Optimisation under hybrid uncertainty. 2004 , 146, 187-187	
1401	Spatio-Temporal Databases. 2004 ,	8
1400	A fuzzy risk approach for performance evaluation of an irrigation reservoir system. 2004 , 69, 159-177	27
1399	Data mining method from text database based on fuzzy quantification analysis.	

- 1398 A foundation for CWW: Meta-linguistic axioms. **2004**, 6
- 1397 A fuzzy-based algorithm to remove clock skew and reset from one-way delay measurement [Internet end-to-end performance measurement].
- 1396 A Partitioning Method for Fuzzy Probabilistic Predictors. **2004**, 929-934 1
- 1395 The Performance of Fuzzy Operators on Fuzzy Classification of Urban Land Covers. **2005**, 71, 59-68 9
- 1394 Interactive Decision Making through the Variance Minimization Model Using a Possibility Measure for Fuzzy Random Multiobjective Linear Programming Problems. **2005**, 17, 450-458
- 1393 An Analysis of Expected Utility and Amount of Information based on Fuzzy Interval Data. **2005**, 17, 735-748
- 1392 References. **2005**, 273-280
- 1391 Fusion of methods for the classification of remote sensing images from urban areas. 7
- 1390 Optimal measurements in quantum mechanics. **2005**, 346, 77-86 21
- 1389 On fuzzy hidden variables. **2005**, 155, 119-137 6
- 1388 Multi-attribute comparison of advanced manufacturing systems using fuzzy vs. crisp axiomatic design approach. **2005**, 95, 415-424 162
- 1387 A new application of fuzzy set theory to the Black-Scholes option pricing model. **2005**, 29, 330-342 42
- 1386 Fuzzy measures and integrals. **2005**, 156, 365-370 28
- 1385 Toward a generalized theory of uncertainty (GTU) – an outline. **2005**, 172, 1-40 714
- 1384 A fuzzy random analysis model for seismic performance of framed structures incorporating structural and non-structural damage. **2005**, 34, 1305-1321 8
- 1383 Studies of stochastic programming models using possibility and necessity measures for linear programming problems with fuzzy random variable coefficients. **2005**, 88, 68-75 5
- 1382 An interactive fuzzy satisficing method based on the fractile optimization model using possibility and necessity measures for a fuzzy random multiobjective linear programming problem. **2005**, 88, 20-28 6
- 1381 Conditional probability on MV-algebras. **2005**, 149, 369-381 25

1380	Interpretability issues in data-based learning of fuzzy systems. 2005 , 150, 179-197	108
1379	Fuzzy process control: construction of control charts with fuzzy numbers. 2005 , 154, 287-303	86
1378	Triangular norms and measures of fuzzy sets. 2005 , 345-390	9
1377	Bibliography. 2005 , 458-486	
1376	. 2005 ,	39
1375	. 2005 ,	105
1374	Fuzzy Inference System with Probability Factor and Its Application in Data Mining. 2005 , 944-949	
1373	Lees' Loss Prevention in the Process Industries - Pages 450-486. 2005 , 450-486	
1372	Effect of Uncertain Hydraulic Conductivity on the Simulated Fate and Transport of BTEX Compounds at a Field Site. 2005 , 131, 767-776	5
1371	Intelligent Information Processing and Web Mining. 2005 ,	4
1370	A fuzzy-based approach to remove clock skew and reset from one-way delay measurement. 2005 , 16, 1125-35	2
1369	Upper and Lower Probabilities of Fuzzy Events Induced by a Fuzzy Set-Valued Mapping. 2005 , 345-353	3
1368	AN ALTERNATIVE P-VALUE TEST APPROACH TO TESTS OF MEAN FOR NORMAL POPULATION WITH FUZZY DATA. 2005 , 22, 485-496	
1367	On the Entropy of Intuitionistic Fuzzy Events.	
1366	Fuzzy multi-hidden Markov predictor in electric load forecasting.	1
1365	A fuzzy approach to modeling the knowledge of decision-makers. 2005 ,	
1364	.	2
1363	A New Method for Feature Subset Selection for Handling Classification Problems.	9

1362	Condition assessment of water mains using fuzzy evidential reasoning.	3
1361	Maximum likelihood parameter estimation in probabilistic fuzzy classifiers.	10
1360	An uncertainty measure in partition-based fuzzy rough sets. 2005 , 34, 77-90	102
1359	STARTER: a statistical GIS-based model for the prediction of snow avalanche susceptibility using terrain featuresApplication to Alta Val Badia, Italian Dolomites. 2005 , 66, 305-325	27
1358	Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing. 2005 ,	2
1357	One Generalization of the Naive Bayes to Fuzzy Sets and the Design of the Fuzzy Naive Bayes Classifier. 2005 , 281-290	1
1356	Perception-based granular probabilities in risk modeling and decision making. 2006 , 14, 329-339	11
1355	Estimation of Higher Order Correlation Between Electromagnetic and Sound Waves Leaked from VDT Environment Based on Fuzzy Probability and the Prediction of Probability Distribution. 2006 , 20, 1325-1334	1
1354	Proposals for Future Developments in Fuzzy Set Technology. 2006 ,	1
1353	Artificial Intelligence Technique for Gene Expression Profiling of Urinary Bladder Cancer. 2006 ,	4
1352	An Extension to Zadeh's Truth Qualification Principle for Resolution of Self-Referential Sentences: Towards a Comprehensive Theory of Type-2 Fuzzy Possibility. 2006 ,	
1351	The Data Fusion Techniques for Tasks Ranking in Multifunction Radar. 2006 ,	0
1350	. 2006 , 14, 191-201	181
1349	Multiple Ground Target Tracking with a GMTI Sensor. 2006 ,	7
1348	Neuro-fuzzy modeling: an accurate and interpretable method for predicting bladder cancer progression. 2006 , 175, 474-9	27
1347	Elastic Registration Algorithm of Medical Images Based on Fuzzy Set. 2006 , 214-221	3
1346	On Generalized Rough Fuzzy Approximation Operators. 2006 , 263-284	25
1345	Rough set approximations VS. measurable spaces.	1

1344	Decision Fusion for the Classification of Urban Remote Sensing Images. 2006 , 44, 2828-2838	155
1343	A New Approach for Handling Classification Problems Based on Fuzzy Information Gain Measures. 2006 ,	4
1342	[Fuzzy logic and logistic regression in the decision making for parathyroid scintigraphy study]. 2006 , 40, 898-906	8
1341	Fuzzy Set Theory. 2006 ,	
1340	Reactivation hazard mapping for ancient landslides in West Belgium. 2006 , 6, 653-662	14
1339	Learning for Universal Logic Operation Selection. 2006 ,	
1338	Construction machines. 2006 , 35, 1348-1368	1
1337	From Computing with Numbers to Computing with Words. 2006 , 929, 221-252	22
1336	Conditional probability and fuzzy information. 2006 , 51, 115-132	34
1335	Generalized theory of uncertainty (GTU)βrincipal concepts and ideas. 2006 , 51, 15-46	221
1334	Fuzzy stochastic linear programming: Survey and future research directions. 2006 , 174, 1353-1367	93
1333	Real-valued Choquet integrals with fuzzy-valued integrand. 2006 , 157, 256-269	17
1332	Every state on semisimple MV-algebra is integral. 2006 , 157, 2771-2782	95
1331	Integrating data envelopment analysis and analytic hierarchy for the facility layout design in manufacturing systems. 2006 , 176, 237-262	146
1330	Variable weighted synthesis inference method for fuzzy reasoning and fuzzy systems. 2006 , 52, 305-322	16
1329	Fuzzy Bayesian system reliability assessment based on exponential distribution. 2006 , 30, 509-530	28
1328	Linguistic quantifiers modeled by Sugeno integrals. 2006 , 170, 581-606	35
1327	Establish standards of standard costing with the application of convergent gray zone test. 2006 , 168, 593-611	18

1326	A new solution method for fuzzy chance constrained programming problem. 2006 , 5, 355-370	8
1325	Solution of the EPR Paradox: Negative, or Rather Fuzzy Probabilities?. 2006 , 36, 437-442	
1324	Non-Probabilistic Uncertainty in Subsurface Hydrology and Its Applications: an Overview. 2006 , 6, 35-46	5
1323	Hierarchical fuzzy rule based systems using an information theoretic approach. 2006 , 10, 867-879	2
1322	Extremal fuzzy integrals. 2006 , 10, 502-505	28
1321	Tests of quality characteristics of two populations using paired fuzzy sample differences. 2006 , 27, 574-579	10
1320	Making decision to evaluate process capability index C_p with fuzzy numbers. 2006 , 30, 334-339	53
1319	Neyman-Pearson Lemma for Fuzzy Hypotheses Testing with Vague Data. 2006 , 64, 289-304	22
1318	A novel fuzzy classification entropy approach to image thresholding. 2006 , 27, 1968-1975	37
1317	EMDS 3.0: A modeling framework for coping with complexity in environmental assessment and planning. 2006 , 49, 63-75	2
1316	A support method for the contextual interpretation of biomechanical data. 2006 , 10, 109-18	5
1315	Studies on Fuzzy Information Measures. 2006 ,	5
1314	A FOUNDATION FOR COMPUTING WITH WORDS: META-LINGUISTIC AXIOMS. 2006 , 445-486	
1313	REFERENCES. 2006 , 489-503	
1312	FOUNDATION. 2006 , 1-54	0
1311	AN ALTERNATIVE APPROACH TO FIRMS' EVALUATION: EXPERT SYSTEMS AND FUZZY LOGIC. 2006 , 05, 195-225	28
1310	Chapter 9 From search engines to question answering systems The problems of world knowledge, relevance, deduction and precisiation. 2006 , 1, 163-210	35
1309	Quantifying effects of accidents by fuzzy-logic- and simulation-based analysis. 2006 , 33, 219-226	12

1308	State Estimation Method for Sound Environment System with Unknown Structure by Introducing a Fuzzy Adaptive Filter. 2006,	
1307	Probabilistic Fuzzy Cognitive Map. 2006,	3
1306	Ranking Attributes to Build Fuzzy Decision Trees: a Comparative Study of Measures. 2006,	10
1305	Mathematics of Uncertainty. 2006,	2
1304	A total entropy model of spatial data uncertainty. 2006, 32, 316-323	3
1303	Transactions on Rough Sets V. 2006,	
1302	CAUTIOUS ANALYSIS OF PROJECT RISKS BY INTERVAL-VALUED INITIAL DATA. 2006, 14, 663-685	3
1301	Interval and Fuzzy Analysis: A Unified Approach. 2007, 75-192	24
1300	A Novel Approach to Image Enhancement and Thresholding Based on Fuzzy Theory. 2007,	2
1299	Signal Processing Method by Introducing Fuzzy Theory and Its Application to Electromagnetic and Sound Environments. 2007,	
1298	The Information Content of Fuzzy Relations and Fuzzy Rules. 2007,	
1297	Product Outsourcing under Uncertainty: an Application of Fuzzy Real Option Approach. 2007,	2
1296	Studies on Fuzzy Information Measures. 2007,	4
1295	State Estimation for Sound Environment System with Uncertainty and Its Application to Psychological Evaluation. 2007,	
1294	A Pricing Model of Fuzzy Rainbow Options. 2007,	1
1293	Markov Chain Lumpability on Fuzzy Partitions. 2007,	0
1292	Generalizations and Extensions of Fuzzy Sets. 195-219	
1291	Evaluating wildland fire danger and prioritizing vegetation and fuels treatments. 2007, 247, 1-17	59

1290	Quantum structures and fuzzy set theory. 2007 , 55-74	0
1289	Novel fuzzy information proximity measures. 2007 , 33, 678-685	10
1288	A New Fuzzy MADM Algorithm Based on Subjective and Objective Integrated Weights. 2007 ,	2
1287	Probability measures over fuzzy spaces. 2007 , 36, 251-262	
1286	Technology transfer from the science of medicine to the real world: the potential role played by artificial adaptive systems. 2007 , 42, 267-304	5
1285	Fuzzy Clustering Graph for Graded-Evaluation of Hydrocarbon Reserves Value. 2007 ,	
1284	Fuzzy Data in Local Optimal Strategy of Multistage Recognition. 2007 ,	
1283	Representing Fuzzy Sets in the Hypercube Part I: A Historical Note. 2007 ,	0
1282	Stochastic Fuzzy Neural Network: Case Study of Optimal Reservoir Operation. 2007 , 133, 509-518	16
1281	[Early neonatal mortality: An analysis of multiple causes of death by the Grade of Membership method]. 2007 , 23, 157-66	10
1280	. 2007 ,	252
1279	Uncertainty measures for fuzzy relations and their applications. 2007 , 7, 1135-1143	68
1278	A logic for reasoning about the probability of fuzzy events. 2007 , 158, 625-638	42
1277	A fuzzy approach to value and culture assessment and an application. 2007 , 44, 182-196	13
1276	A subjective assessment of approximate probabilities with a portfolio application. 2007 , 21, 134-160	10
1275	General entropy model of line segments uncertainty in GIS. 2007 , 10, 61-66	1
1274	The difference between a dynamic and mechanical approach to stroke treatment. 2007 , 9, 213-20	
1273	The entropy of fuzzy vectors. 2008 , 56, 1626-1633	5

1272	Spatially explicit decision support for selecting translocation areas for Mojave desert tortoises. 2008 , 17, 575-590	13
1271	A new methodology for crisp equivalent of fuzzy chance constrained programming problem. 2008 , 7, 59-74	6
1270	Feature subset selection based on fuzzy entropy measures for handling classification problems. 2008 , 28, 69-82	37
1269	State estimation for sound environment with unknown structure by introducing fuzzy theory. 2008 , 91, 45-53	
1268	Fuzzy integralsWhat are they?. 2008 , 23, 199-212	20
1267	Interactive multiobjective fuzzy random linear programming: Maximization of possibility and probability. 2008 , 188, 530-539	76
1266	Multi-item EOQ model with hybrid cost parameters under fuzzy/fuzzy-stochastic resource constraints: A geometric programming approach. 2008 , 56, 2970-2985	13
1265	Domain semantics of possibility computations. 2008 , 178, 2661-2679	10
1264	Level sets and the extension principle for interval valued fuzzy sets and its application to uncertainty measures. 2008 , 178, 3565-3576	29
1263	The algebraic structures of generalized rough set theory. 2008 , 178, 4105-4113	160
1262	A note on information entropy measures for vague sets and its applications. 2008 , 178, 4184-4191	146
1261	Classification of antituberculosis herbs for remedial purposes by using fuzzy sets. 2008 , 94, 285-9	8
1260	A collaborative recommender system based on probabilistic inference from fuzzy observations. 2008 , 159, 1554-1576	38
1259	Design of a fuzzy finite capacity queuing model based on the degree of customer satisfaction: Analysis and fuzzy optimization. 2008 , 159, 3313-3332	11
1258	Marine and offshore safety assessment by incorporative risk modeling in a fuzzy-Bayesian network of an induced mass assignment paradigm. 2008 , 28, 95-112	74
1257	. 2008 , 3, 11-22	99
1256	Granular Computing: At the Junction of Rough Sets and Fuzzy Sets. 2008 ,	23
1255	Fuzzy Engineering Economics with Applications. 2008 ,	10

1254	Decision support for evaluating landscape departure and prioritizing forest management activities in a changing environment. 2008 , 256, 1666-1676	35
1253	Collaborative Recommendations Using Bayesian Networks and Linguistic Modelling. 2008 , 1185-1197	1
1252	Markov chain with fuzzy states: Application to queuing decision models. 2008 ,	
1251	Ranking discrete outcome alternatives with partially quantified uncertainty. 2008 , 37, 249-274	7
1250	Adaptive method for state estimation of sound environment system with fuzzy observation. 2008 ,	
1249	Integrating Linguistic fuzzy knowledge and a probabilistic approach. 2008 ,	
1248	Min Loading Max Reusability Fusion Classifiers for Sensor Data Model. 2008 ,	2
1247	Modeling Fuzziness Measures for Best Wavelet Selection. 2008 , 16, 1259-1270	5
1246	Entropy of Credibility Distributions for Fuzzy Variables. 2008 , 16, 123-129	84
1245	Statistical Implicative Analysis. 2008 ,	18
1244	Testing Hypothesis Concerning Correlation Coefficient with Fuzzy Data. 2008 ,	2
1243	State Estimation Methods for Sound Environment System Based on a Fuzzy Probability Theory. 2008 , 17,	
1242	Fuzzy logic approach to a shooting machine. 2008 ,	
1241	A method to improve human prognosis in supervision of complex systems. 2008 , 41, 11124-11129	
1240	Fundamentals of Interval Analysis and Linkages to Fuzzy Set Theory. 55-79	6
1239	Chance constrained programming with fuzzy inequality constraints. 2008 , 45, 34-48	2
1238	RELATIONS BETWEEN VARIOUS CONTINUITY CONCEPTS IN EFFECT ALGEBRAS. 2008 , 41,	
1237	De Gruyter. 2008 , 41,	

1236	. 2008,	12
1235	REFERENCES. 2008, 510-521	
1234	PREDICTION OF PROBABILITY DISTRIBUTION OF ELECTROMAGNETIC WAVE IN VDT ENVIRONMENT BASED ON FUZZY MEASUREMENT DATA UNDER EXISTENCE OF BACKGROUND NOISE. 2009, 18, 365-380	
1233	Fuzzy Reliability and Fuzzy Availability of the Serial Process in Butter-Oil Processing Plant. 2009, 5, 65-71	16
1232	A Fuzzy Rule-Based Model for Artificial Reef Placement Related to Managing Red Snapper (Lutjanus Campechanus) Ecosystems in Alabama Waters. 2009, 08, 175-188	2
1231	A structure-based workflow planning method for new product development management. 2009, 4, 83-103	3
1230	Interval-Valued Intuitionistic Fuzzy Probabilistic Set and Some of Its Important Properties. 2009,	1
1229	Neural Cell Behavior and Fuzzy Logic. 2009,	7
1228	Statistical correlation of intuitionistic fuzzy sets. 2009,	
1227	Reliability and Performance in Engineering Design. 2009, 43-294	1
1226	Multicriteria Fuzzy Decision-Making Method Based on the Intuitionistic Fuzzy Cross-Entropy. 2009,	9
1225	Intelligent Engineering Systems and Computational Cybernetics. 2009,	3
1224	Alternative fuzzy operations and applications to social sciences. 2009, 24, 1243-1264	14
1223	Control charts applications for multivariate attribute processes. 2009, 56, 399-410	30
1222	An expert system based on fuzzy entropy for automatic threshold selection in image processing. 2009, 36, 3077-3085	22
1221	Fuzzy set theory in managerial contract analyses. 2009, 36, 4535-4540	7
1220	Uncertainty characterization approaches for risk assessment of DBPs in drinking water: a review. 2009, 90, 1680-91	44
1219	Reliability engineering: Old problems and new challenges. 2009, 94, 125-141	500

1218	Fault diagnosis of turbine based on fuzzy cross entropy of vague sets. 2009 , 36, 8103-8106	42
1217	Maximum entropy membership functions for discrete fuzzy variables. 2009 , 179, 2353-2361	7
1216	Fuzzy random variables. 2009 , 44, 307-314	57
1215	The information content of fuzzy relations and fuzzy rules. 2009 , 57, 202-216	5
1214	National fuel-treatment budgeting in US federal agencies: Capturing opportunities for transparent decision-making. 2009 , 258, 2373-2381	12
1213	Handbook of Reliability, Availability, Maintainability and Safety in Engineering Design. 2009 ,	6
1212	A New Image Segmentation Algorithm Based on Fuzzy Logical. 2009 ,	
1211	Logic of probability entailment with threshold-surety. 2009 ,	
1210	A concept of universal integral based on measures of level sets. 2009 ,	3
1209	Goalmouth Detection in Field-Ball Game Video Using Fuzzy Decision Tree. 2009 ,	1
1208	On Generalized Fuzzy Belief Functions in Infinite Spaces. 2009 , 17, 385-397	32
1207	Discussion on New Integral Entropy and Energy of Fuzzy Sets. 2009 ,	2
1206	Fuzzy probabilities of biological continuous fuzzy events. 2009 , 1, 191	3
1205	FRONT MATTER. 2009 , i-xxii	
1204	A novel fuzzy edge detection of seismic images based on bi-level maximum entropy thresholding. 2010 , 3, 169	
1203	Cloud sets as a measure theoretic basis for fuzzy set theory. 2010 ,	1
1202	Energy discriminant analysis, quantum logic, and fuzzy sets. 2010 , 101, 68-76	4
1201	Classification error in Bayes multistage recognition task with fuzzy observations. 2010 , 13, 85-91	25

1200	Reliability analysis of a rangeland system: the application of Profust theory. 2010 , 24, 399-409	15
1199	The revised algorithms of fuzzy variance and an application to portfolio selection. 2010 , 14, 329-337	3
1198	Fuzzy Integral on Credibility Measure. 2010 , 2, 389-397	2
1197	Water quality prediction in a reservoir: Linguistic model approach for interval prediction. 2010 , 8, 868-874	3
1196	A Categorical Approach to Probability Theory. 2010 , 94, 215-230	18
1195	Constructing a fuzzy Shewhart control chart for variables when uncertainty and randomness are combined. 2010 , 44, 905-914	18
1194	Effect Algebras Are Not Adequate Models for Quantum Mechanics. 2010 , 40, 1566-1577	9
1193	On some optimisation models in a fuzzy-stochastic environment. 2010 , 207, 1433-1441	22
1192	Modeling a flexible manufacturing cell using stochastic Petri nets with fuzzy parameters. 2010 , 37, 3910-3920	55
1191	Fuzzy Markovian decision processes: Application to queueing systems. 2010 , 60, 2526-2535	13
1190	Some information measures for interval-valued intuitionistic fuzzy sets. 2010 , 180, 5130-5145	103
1189	Inexactness, Fuzzy Sets, and the Foundations of Behavioral Geography*. 2010 , 4, 337-349	45
1188	Black-Scholes Fuzzy Numbers as Indexes of Performance. 2010 , 2010, 1-7	0
1187	Formalizing Clinical Decisions in Individual Treatments: Some First Steps. 2010 , 10, 285-299	6
1186	Models and customer-centric system performance measures using fuzzy reliability. 2010 ,	
1185	Provident decision making by considering dynamic and fuzzy environment for FMS evaluation. 2010 , 48, 4555-4584	14
1184	Continuous fuzzy sets as probabilities of continuous fuzzy events. 2010 ,	1
1183	A fuzzy logic-based approach to idea screening for product design. 2010 , 5, 149-160	3

1182	Computing with Words in Risk Assessment. 2010 , 3, 396-419	43
1181	A dynamic planning method for new product development management. 2010 , 27, 103-120	6
1180	Lumpability of absorbing Markov chains and replacement chains on fuzzy partitions. 2010 ,	
1179	A Nonlinear Integral Which Generalizes Both the Choquet and the Sugeno Integral. 2010 , 39-52	
1178	A multi-criteria optimization framework for industrial shop scheduling using fuzzy set theory. 2010 , 17, 175-196	20
1177	A comparative study of belief and plausibility reduced in information systems with fuzzy decisions. 2010 ,	1
1176	The description of information entropy of siso fuzzy system under the β level. 2010 ,	
1175	A new approach based on intuitionistic fuzzy set for selection of suppliers. 2010 ,	5
1174	A FUZZY REAL OPTION VALUATION APPROACH TO CAPITAL BUDGETING UNDER UNCERTAINTY ENVIRONMENT. 2010 , 09, 695-713	19
1173	A new generation of process capability indices. 2010 , 37, 77-89	23
1172	Fuzziness, Rationality, Optimality and Equilibrium in Decision and Economic Theories. 2010 , 3-32	0
1171	Monitoring imprecise fraction of nonconforming items using p control charts. 2010 , 37, 1283-1297	13
1170	Bounds of fuzzy reliability in the case of fuzzy strength and fuzzy stress. 2010 ,	
1169	A Universal Integral as Common Frame for Choquet and Sugeno Integral. 2010 , 18, 178-187	247
1168	Probability Distance Based Compression of Hidden Markov Models. 2010 , 8, 1838-1861	4
1167	Maximum Likelihood from Evidential Data: An Extension of the EM Algorithm. 2010 , 181-188	14
1166	Image Processing and Communications Challenges 2. 2010 ,	3
1165	Nonholonomic and stratified robotic manipulation supplemented with fuzzy control: Theory and experiment. 2010 ,	

1164	Hybrid Artificial Intelligence Systems. 2010,	1
1163	Manufacturing System Modeling Using Petri Nets. 2010, 95-124	2
1162	Quality of measures for attribute selection in fuzzy decision trees. 2010,	5
1161	Trends in Multiple Criteria Decision Analysis. 2010,	49
1160	INVESTMENT ANALYSES USING FUZZY PROBABILITY CONCEPT / INVESTICIJANALIZATAIKANT TIKIMYBININEAPIBRTIPAIKONCEPCIJ 2010, 16, 43-57	24
1159	Using fuzzy method to measure the consistency of service quality. 2010,	
1158	Useful fuzzy measures of information, integrated ambiguity and directed divergence. 2010, 39, 647-658	5
1157	Exact classification error in bayes classifier with fuzzy observations. 2010,	
1156	Some characteristics of an error in the two-class problem with fuzzy observations. 2010,	
1155	Fuzzy measures for service quality of fuzzy numbers. 2010,	
1154	Site selection for franchise system of service industry using fuzzy theory. 2010,	
1153	Method of identifying a Type 2 membership function and application to decision-making problems. 2010,	
1152	Particle filtering with fuzzy spatial relations for object tracking. 2010,	
1151	A Bayesian approach to simultaneously quantify assignment and linguistic uncertainty. 2011,	
1150	The belief and plausibility functions of incomplete fuzzy covering systems. 2011,	
1149	Importance Measure Analysis in the Presence of Epistemic and Aleatory Uncertainties. 2011, 48, 1733-1740	3
1148	Fuzzy Edge Detection Based on Maximum Entropy Thresholding. 2011, 57, 325	0
1147	System reliability measures using fuzzy sets. 2011,	

1146	T-supermodularity of Choquet integrals. 2011,	1
1145	Possibilistic programming decision making in modality perspective. 2011,	1
1144	Fuzzy probabilistic design of water distribution networks. 2011, 47,	56
1143	Rough Sets, Fuzzy Sets, Data Mining and Granular Computing. 2011,	1
1142	Computational Collective Intelligence. Technologies and Applications. 2011,	2
1141	Fuzzy Stochastic Multiobjective Programming. 2011,	35
1140	On Some Mathematical Structures of T-Fuzzy Rough Set Algebras in Infinite Universes of Discourse. 2011, 108, 337-369	27
1139	Infrared Electric Image Thresholding Using Two-Dimensional Fuzzy Renyi Entropy. 2011, 12, 411-419	25
1138	Automatic Multilevel Thresholding Based on a Fuzzy Entropy Measure. 2011, 125-133	3
1137	Integration of fuzzy spatial information in tracking based on particle filtering. 2011, 41, 635-49	21
1136	A cover technique to verify the reliability of a model for calculating fuzzy probabilities. 2011, 2, 1-10	
1135	Portfolio Selection Models and Their Discrimination. 2011, 2, 65-91	2
1134	. 2011,	
1133	Fuzzy logic as a decision-making support system for the indication of bariatric surgery based on an index (OBESINDEX) generated by the association between body fat and body mass index. 2011,	
1132	Fuzzy logic as a decision-making support system for the indication of bariatric surgery based on an index (MAFOI) generated by the association between body fat and body mass index.. 2011,	1
1131	Expert systems and mass appraisal. 2011, 29, 529-550	26
1130	Artificial reef placement: a red snapper, Lutjanus campechanus, ecosystem and fuzzy rule-based model. 2011, 18, 154-167	7
1129	An adaptive bacterial foraging algorithm for fuzzy entropy based image segmentation. 2011, 38, 15489-15498	53

1128	Interval-valued probability density estimation based on quasi-continuous histograms: Proof of the conjecture. 2011 , 183, 92-100	4
1127	Maximum likelihood estimation from fuzzy data using the EM algorithm. 2011 , 183, 72-91	73
1126	Centrality as a gradual notion: A new bridge between fuzzy sets and statistics. 2011 , 52, 1243-1256	2
1125	Fuzzy and R control charts: Fuzzy dominance approach. 2011 ,	11
1124	Integrated application of the analytic hierarchy process and the geographic information system for flood risk assessment and flood plain management in Taiwan. 2011 , 59, 1261-1276	123
1123	Conditional Fuzzy Entropy of Maps in Fuzzy Systems. 2011 , 48, 767-780	4
1122	Fuzzy cross entropy of interval-valued intuitionistic fuzzy sets and its optimal decision-making method based on the weights of alternatives. 2011 , 38, 6179-6183	105
1121	Fuzzy fault tree analysis: revisited. 2011 , 2, 3-13	14
1120	The structural analysis of fuzzy measures. 2011 , 54, 38-50	0
1119	Visualization for understanding of neurodynamical systems. 2011 , 5, 145-60	20
1118	Fuzzy obesity index (MAFOI) for obesity evaluation and bariatric surgery indication. 2011 , 9, 134	1
1117	The inclusion&exclusion principle for IF-events. 2011 , 181, 536-546	5
1116	A Note on Z-numbers. 2011 , 181, 2923-2932	605
1115	An essay on the linguistic roots of fuzzy sets. 2011 , 181, 4061-4074	17
1114	A fuzzy approach for multiple-receiver digital communication systems with data fusion. 2011 , 65, 406-412	6
1113	RETRACTED: Application of fuzzy measures in the product appearance value assessment. 2011 , 11, 1867-1875	1
1112	Solving fractional programming problem through fuzzy goal setting and approximation. 2011 , 11, 1735-1742	12
1111	A probabilistic fuzzy approach to modeling nonlinear systems. 2011 , 74, 1008-1025	11

1110	Fuzzy posterior-probabilistic fusion. 2011 , 44, 1023-1030	7
1109	Interpretations of alternative uncertainty representations in a reliability and risk analysis context. 2011 , 96, 353-360	74
1108	MATHEMATICS IN THE CONTEXT OF FUZZY SETS: BASIC IDEAS, CONCEPTS, AND SOME REMARKS ON THE HISTORY AND RECENT TRENDS OF DEVELOPMENT. 2011 , 16, 173-198	6
1107	Modeling and evaluation of single machine flexibility using fuzzy entropy and genetic algorithm based approach. 2011 ,	1
1106	Spatial information user modeling method from the point of view of linguistics. 2011 ,	
1105	Particular Fuzzy Numbers and their Application to Regular 2 \square Fuzzy Markov Chains: Uncertain Probabilities. 2011 , 9, 137-150	
1104	Edge detection based on fuzzy 2-partition entropy approach. 2011 ,	
1103	The discussion of information entropy of fuzzy knowledge system under the \square level. 2011 ,	
1102	Fuzzy Integrals as a Tool for Multicriteria Decision Support. 2011 , 9-15	
1101	Fuzzy-based analysis of process capability for assembly quality assessment in mechanical assemblies. 2012 , 50, 3395-3415	11
1100	Consistency of Probability Decision Rules and Its Inference in Probability Decision Table. 2012 , 2012, 1-19	
1099	FMMSIC: a hybrid fuzzy based decision support system for MMS (in order to estimate interrelationships between criteria). 2012 , 63, 218-231	11
1098	Reduction Algorithms for Multi-Covering Information System. 2012 , 160, 159-164	
1097	Uncertainty processing in prognostics and health management: An overview. 2012 ,	1
1096	Uncertain Evidence in Bayesian Networks: Presentation and Comparison on a Simple Example. 2012 , 39-48	4
1095	A concept of universal fuzzy integrals. 2012 ,	1
1094	Estimating Measurement Error Based on Evidence Theory. 2012 , 548, 839-842	
1093	The CONvergence theorems of the McShane-Stieltjes integral for fuzzy-number-valued functions. 2012 ,	

1092	Some Approaches to Combining Probabilistic and Fuzzy Uncertainties. 2012 , 15,	
1091	Lower and upper probability calculations using compatibility measures for solving Zadeh's challenge problems. 2012 ,	7
1090	Fuzzy spatial constraints and ranked partitioned sampling approach for multiple object tracking. 2012 , 116, 1076-1094	11
1089	An interpretation of skew-elliptical distributions in terms of fuzzy events. 2012 , 19, 1870-1875	1
1088	Using Fuzzy Measures to Assess Service Satisfaction Values of Retailers. 2012 ,	1
1087	A multi-covariate semi-parametric conditional volatility model using probabilistic fuzzy systems. 2012 ,	4
1086	X-ray image enhancement based on fuzzy sure entropy in LabVIEW. 2012 ,	3
1085	Utility and Fuzziness Aspects of the Information Measures in Experimental Observations and Computations. 2012 ,	
1084	Computational Collective Intelligence. Technologies and Applications. 2012 ,	
1083	Gradual fuzzy decision trees to help medical diagnosis. 2012 ,	4
1082	Reliability Analysis of Structure for Fuzzy Safety State. 2012 , 18, 215-224	7
1081	Recognition of fuzzy contexts from temporal data under uncertainty case study: Activity recognition in smart homes. 2012 ,	1
1080	Type-2 fuzzy probabilistic system. 2012 ,	2
1079	Measure based representation of uncertain information. 2012 , 11, 363-385	15
1078	Lees' Loss Prevention in the Process Industries - Pages 3129-3580. 2012 , 3129-3580	
1077	Logic in Medicine. 2012 , 587-673	
1076	An Efficient Configuration for Probabilistic Fuzzy Logic System. 2012 , 20, 898-909	23
1075	Fuzzy linguistic model for bioelectrical impedance vector analysis. 2012 , 31, 710-6	10

1074	Maintenance policy selection in manufacturing firms using the fuzzy MCDM approach. 2012 , 50, 7044-7056	43
1073	Continuous-state reliability measures based on fuzzy sets. 2012 , 44, 1033-1044	23
1072	Probabilistic fuzzy prediction of mortality in intensive care units. 2012 ,	1
1071	A fuzzy random periodic review system with variable lead-time and negative exponential crashing cost. 2012 , 36, 6312-6322	22
1070	Probabilistic-Fuzzy Knowledge-Based System for Managerial Applications. 2012 , 3,	4
1069	A new approach to risk management using soft information. 2012 ,	
1068	Eurofuse 2011. 2012 ,	
1067	Incremental tuning of fuzzy decision trees. 2012 ,	3
1066	Type-2 Fuzzy Event. 2012 ,	0
1065	A simple model to include fuzziness in the seismic fragility curve and relevant effect compared with randomness. 2012 , 41, 969-986	17
1064	Hesitant fuzzy entropy and cross-entropy and their use in multiattribute decision-making. 2012 , 27, 799-822	200
1063	Imprecise information in Bayes classifier. 2012 , 15, 147-153	7
1062	Estimating most productive scale size with imprecise-chance constrained input/output orientation model in data envelopment analysis. 2012 , 63, 254-261	22
1061	An algebraic generalization of the notion of tribe. 2012 , 192, 123-133	1
1060	The reduction and fusion of fuzzy covering systems based on the evidence theory. 2012 , 53, 87-103	85
1059	Generalized Bayesian inference in a fuzzy context: From theory to a virtual reality application. 2012 , 56, 967-980	18
1058	Entropy/cross entropy-based group decision making under intuitionistic fuzzy environment. 2012 , 13, 31-47	205
1057	The Henstock-Stieltjes integral for fuzzy-number-valued functions. 2012 , 188, 276-297	13

1056	Cross-entropy measure of uncertain variables. 2012 , 201, 53-60	62
1055	Entropy of function of uncertain variables. 2012 , 55, 754-760	50
1054	Conditional Approach to Possibility-Probability Fusion. 2012 , 20, 46-56	22
1053	On Z-valuations using Zadeh's Z-numbers. 2012 , 27, 259-278	128
1052	Linear cost share equilibria and the veto power of the grand coalition. 2012 , 38, 269-303	6
1051	Probability and possibility-based representations of uncertainty in fault tree analysis. 2013 , 33, 121-33	65
1050	Synergies of Soft Computing and Statistics for Intelligent Data Analysis. 2013 ,	2
1049	Chance-constrained DEA models with random fuzzy inputs and outputs. 2013 , 52, 32-52	39
1048	Aggregation Functions in Theory and in Practise. 2013 ,	3
1047	Modeling and risk assessment of landslides using fuzzy logic. Application on the slopes of the Algerian Tell (Algeria). 2013 , 6, 3163-3173	36
1046	Image Processing and Communications Challenges 4. 2013 ,	2
1045	Kernel based nonlinear fuzzy regression model. 2013 , 26, 724-738	11
1044	Discrete pseudo-integrals. 2013 , 54, 357-364	24
1043	A semi-fuzzy collaborative algorithm for cluster seeking. 2013 ,	
1042	Principles of inclusion and exclusion for fuzzy sets. 2013 , 232, 98-109	6
1041	Drift-sensitive non-structural damage to masonry-infilled reinforced concrete frames designed to Eurocode 8. 2013 , 11, 2151-2176	21
1040	Fuzzy post-retirement financial concepts: an exploratory study. 2013 , 71, 261-278	1
1039	Fuzzy Bayesian inference. 2013 , 71, 207-216	2

1038	Ergodic distribution for a fuzzy inventory model of type (s,S) with gamma distributed demands. 2013 , 40, 958-963	7
1037	Fuzzy decision trees for dynamic data. 2013 ,	3
1036	Type-2 Fuzzy SARIMA system for real-valued uncertain non-stationary data-intensive seasonal time series. 2013 ,	0
1035	Z-AHP: A Z-number extension of fuzzy analytical hierarchy process. 2013 ,	45
1034	. 2013 ,	2
1033	A bag theoretic fuzzy count and cardinality of fuzzy sets. 2013 ,	0
1032	An entropy-based fuzzy membership partition method used in operator functional state prediction. 2013 ,	
1031	. 2013 ,	
1030	Fuzzy Entropy of Fuzzy Partition on a Finite Interval. 2013 ,	
1029	Modeling linguistic probabilities and linguistic quantifiers using interval type-2 fuzzy sets. 2013 ,	7
1028	Modeling future lifetime as a fuzzy random variable. 2013 , 53, 864-870	27
1027	Numerical methods integrated with fuzzy logic and stochastic method for solving PDEs: An application to dengue. 2013 , 225, 39-57	3
1026	Water quality evaluation of Haihe River with fuzzy similarity measure methods. 2013 , 25, 2041-6	20
1025	On some basic concepts in probability of IF-events. 2013 , 232, 411-418	12
1024	A New Approach to Interval-Valued Choquet Integrals and the Problem of Ordering in Interval-Valued Fuzzy Set Applications. 2013 , 21, 1150-1162	144
1023	Characterization of continuous t-norms compatible with Zadeh's probability of fuzzy events. 2013 , 228, 29-43	1
1022	Probabilistic characterisation of an analytical fuzzy-random model for seismic fragility computation. 2013 , 40, 68-77	8
1021	Solutions to problems with imprecise dataAn engineering perspective to generalized uncertainty models. 2013 , 37, 105-120	23

1020	Inference with Probabilistic and Fuzzy Information. 2013 , 115-119	3
1019	Stochastic-Fuzzy Knowledge-Based Approach to Temporal Data Modeling. 2013 , 97-118	2
1018	Conditional Density Estimation Using Probabilistic Fuzzy Systems. 2013 , 21, 869-882	23
1017	Graph ambiguity. 2013 , 221, 24-47	22
1016	Fourier series based reliability analysis of aeroengine turbine blade under linear fuzzy safety state. 2013 , 31, 268-280	8
1015	A Beginner's View on Fuzzy Logic. 2013 , 185-191	1
1014	Fuzzy semi-Markov migration process in credit risk. 2013 , 223, 39-58	28
1013	Hybrid Models: Probabilistic and Fuzzy Information. 2013 , 389-397	3
1012	Parametric regression analysis of imprecise and uncertain data in the fuzzy belief function framework. 2013 , 54, 1217-1242	15
1011	One modification of fuzzy TOPSIS method. 2013 , 8, 81-102	15
1010	A novel cross-entropy and entropy measures of IFSs and their applications. 2013 , 48, 37-45	58
1009	Ground movement analysis in deep iron mine using fuzzy probability theory. 2013 , 37, 345-356	7
1008	A generalization of universal integrals by means of level dependent capacities. 2013 , 38, 14-18	8
1007	. 2013 ,	8
1006	Some Perspectives to Define and Model Reliability Using Fuzzy Sets. 2013 , 25, 136-150	12
1005	SINE ENTROPY FOR UNCERTAIN VARIABLES. 2013 , 21, 743-753	23
1004	Uncertainty Measure Based on Evidence Theory. 2013 , 329, 344-348	1
1003	Ranking with fuzzy decision trees. 2013 ,	

1002	Hybrid Multiattribute Group Decision Making Based on Intuitionistic Fuzzy Information and GRA Method. 2013 , 2013, 1-10	6
1001	On Intuitionistic FUZZY Measures and The Count of Intuitionistic FUZZY Sets. 2013 ,	
1000	J-plane - a new form of representation for Type-2 Fuzzy Probability. 2013 ,	
999	Selecting the appropriate fuzzy membership functions based on user-demand in fuzzy decision-theoretic rough set model. 2013 ,	
998	Maximum Likelihood Estimation from Uncertain Data in the Belief Function Framework. 2013 , 25, 119-130	148
997	Linear and Multiobjective Programming with Fuzzy Stochastic Extensions. 2013 ,	25
996	PREDICTING SOFTWARE RELIABILITY IN A FUZZY FIELD ENVIRONMENT. 2013 , 20, 1340001	5
995	Spatial distribution characteristics of sea-ice-hazard risk in Bohai, China. 2013 , 54, 73-79	19
994	An integrated approach for solving a MCDM problem, Combination of Entropy Fuzzy and F-PROMETHEE techniques. 2013 , 6,	2
993	Tests of Statistical Hypotheses with Respect to a Fuzzy Set. 2013 , 8,	0
992	Spatial uncertainty modeling of fuzzy information in images for pattern classification. 2014 , 9, e105075	3
991	On Intuitionistic Fuzzy Entropy of Order- α 2014 , 2014, 1-8	14
990	Interval neutrosophic sets and their application in multicriteria decision making problems. 2014 , 2014, 645953	120
989	A New Intuitionistic Fuzzy Entropy and Application in Multi-Attribute Decision Making. 2014 , 5, 587-601	28
988	Bibliography. 2014 , 249-255	
987	Possibilistic projected categorical clustering via cluster cores. 2014 ,	1
986	Bacterial foraging optimization algorithm with varying population for entropy maximization based image segmentation. 2014 ,	2
985	Solving multi-objective fuzzy probabilistic programming problem. 2014 , 26, 935-948	5

984	Random Fuzzy Sets as Ill-Perceived Random Variables. 2014 , 47-88	
983	On the profust reliabilities of consecutive k-out-of-n systems. 2014 , 228, 62-71	1
982	Entropy operator for membership function of uncertain set. 2014 , 242, 898-906	17
981	Data-derived modeling characterizes plasticity of MAPK signaling in melanoma. 2014 , 10, e1003795	17
980	A new measure of inaccuracy with its application to multi-criteria decision making under intuitionistic fuzzy environment. 2014 , 27, 1811-1824	39
979	Generalized Exponential Entropy on Intuitionistic Fuzzy Sets. 2014 , 556-562, 4097-4102	2
978	Modeling spatial uncertainty of imprecise information in images. 2014 ,	
977	Qualified Syllogisms with Fuzzy Predicates. 2014 , 29, 926-945	2
976	Signal Processing in Power State Variables for Noise Cancellation of Electromagnetic Environment. 2014 , 189, 36-46	
975	Quantification of non-functional requirements. 2014 ,	3
974	Sequence of inequalities among fuzzy mean difference divergence measures and their applications. 2014 , 3, 623	3
973	New parametric generalized exponential fuzzy divergence measure. 2014 , 2,	10
972	Mixture data-driven Takagi-Sugeno fuzzy model. 2014 ,	
971	BACK MATTER. 2014 , 417-444	
970	On Advanced Computing With Words Using the Generalized Extension Principle for Type-1 Fuzzy Sets. 2014 , 22, 1245-1261	15
969	Probabilistic Fuzzy Approach to Evaluation of Logistics Service Effectiveness. 2014 , 5, 66-75	
968	A reliability model of blade to avoid resonance considering multiple fuzziness. 2014 , 228, 641-652	2
967	Global Sensitivity Analysis of Fuzzy Distribution Parameter on Failure Probability and Its Single-Loop Estimation. 2014 , 2014, 1-11	1

966	Learning parameters of fuzzy Bayesian Network based on imprecise observations. 2014 , 18, 167-180	2
965	Sine entropy of uncertain set and its applications. 2014 , 22, 432-442	18
964	Single valued neutrosophic cross-entropy for multicriteria decision making problems. 2014 , 38, 1170-1175	216
963	Random fuzzy bilevel linear programming through possibility-based value at risk model. 2014 , 5, 211-224	15
962	Activity modeling under uncertainty by trace of objects in smart homes. 2014 , 5, 159-167	8
961	A note on similarity-based definitions of possibility and probability. 2014 , 267, 334-336	30
960	Hesitant Fuzzy Sets: State of the Art and Future Directions. 2014 , 29, 495-524	311
959	Fuzzy nonlinear programming approach for evaluating and ranking process yields with imprecise data. 2014 , 246, 142-155	11
958	Inferences on the Competing Risk Reliability Problem for Exponential Distribution Based on Fuzzy Data. 2014 , 63, 2-12	12
957	Non-Additive Measures. 2014 ,	20
956	Advance Trends in Soft Computing. 2014 ,	4
955	Concerns, challenges, and directions of development for the issue of representing uncertainty in risk assessment. 2014 , 34, 1196-207	107
954	On D-posets of fuzzy sets. 2014 , 64, 545-554	15
953	Optimization of variable demand fuzzy economic order quantity inventory models without and with backordering. 2014 , 78, 148-162	19
952	Evaluation Criteria and Model for Risk Between Water Supply and Water Demand and its Application in Beijing. 2014 , 28, 4433-4447	18
951	Generalized Markov Models for Real-Time Modeling of Continuous Systems. 2014 , 22, 983-998	45
950	Towards a theory of fuzzy probability for cognitive computing. 2014 ,	6
949	A demerit-fuzzy rating system, monitoring scheme and classification for manufacturing processes. 2014 , 41, 7878-7888	9

948	A Decision Making Method for the Quality Identification of Wines Based on Fuzzy Soft SetsPeer review under responsibility of Fuzzy Information and Engineering Branch of the Operations Research Society of China.. 2014 , 6, 19-27	3
947	A new outranking choice method for group decision making under Atanassov's interval-valued intuitionistic fuzzy environment. 2014 , 70, 177-188	51
946	Reliability estimation in Rayleigh distribution based on fuzzy lifetime data. 2014 , 5, 487-494	20
945	The evaluation of hospital service quality by fuzzy MCDM. 2014 , 23, 239-248	81
944	Likelihood-based belief function: Justification and some extensions to low-quality data. 2014 , 55, 1535-1547	53
943	Interval-valued intuitionistic fuzzy continuous weighted entropy and its application to multi-criteria fuzzy group decision making. 2014 , 59, 132-141	78
942	Belief functions on general intuitionistic fuzzy information systems. 2014 , 271, 143-158	21
941	Development of decision-making technique for assessing knowledge considering probabilistic updating algorithm of membership functions. 2015 ,	2
940	Development of Expert System for Selecting Tomato (solanum lycopersicum L.) Varieties. 2015 ,	2
939	References. 2015 , 803-872	
938	A Flexible Class of Reduced Rank Spatial Models for Large Non-Gaussian Dataset. 2015 , 517-542	
937	Probabilistic fuzzy rough sets. 2015 , 29, 1901-1912	4
936	Improved Cross Entropy Measures of Single Valued Neutrosophic Sets and Interval Neutrosophic Sets and Their Multicriteria Decision Making Methods. 2015 , 15, 13-26	14
935	Fuzziness based sample categorization for classifier performance improvement. 2015 , 29, 1185-1196	136
934	BACK MATTER. 2015 , 287-301	
933	Zadeh in My Life. 2015 , 38, 471-475	
932	A New Generalized Fuzzy Divergence Measure and ApplicationsPeer review under responsibility of Fuzzy Information and Engineering Branch of the Operations Research Society of China.. 2015 , 7, 507-523	12
931	A theory for non-linear prediction approach in the presence of vague variables: with application to BMI monitoring. 2015 , 3,	

930 Formale Logiken ff̄unscharfe Mengen. **2015**, 38, 533-542

929 A Comparison Study of Utilizing Optimization Algorithms and Fuzzy Logic for Candidate-Well Selection. **2015**, 2

928 Developing a fuzzy model for Tehran's air quality. **2015**, 5, 109-116 1

927 Expected Utility Based Decision Making under Z-Information and Its Application. **2015**, 2015, 364512 22

926 Probability Estimation in the Framework of Intuitionistic Fuzzy Evidence Theory. **2015**, 2015, 1-10 2

925 A Novel MADM Approach Based on Fuzzy Cross Entropy with Interval-Valued Intuitionistic Fuzzy Sets. **2015**, 2015, 1-9 2

924 Fuzzy logicā personal perspective. **2015**, 281, 4-20 167

923 . **2015**, 23, 340-353 2

922 Development of a Fuzzy Random Health Risk Model. **2015**, 135-152

921 Granular Computing and Decision-Making. **2015**, 114

920 Establishing the Definite from the Indefinite. **2015**, 87-117

919 Advanced Computing with Words: Status and Challenges. **2015**, 217-245 5

918 Intelligence in the Era of Big Data. **2015**, 2

917 The Fuzzy Robust Graph Coloring Problem. **2015**, 805-813 11

916 Fuzzy VQ based image compression by bacterial foraging optimization algorithm with varying population. **2015**, 1

915 Developing Fuzzy State Models as Markov Chain Models with Fuzzy Encoding. **2015**, 79-106 3

914 Probabilistic Fuzzy Naive Bayes. **2015**,

913 . **2015**, 1

912	On the possibility of quantitative definition of knowledge. 2015 , 44, 766-777	1
911	Analyzing gene expression data: Fuzzy decision tree algorithm applied to the classification of cancer data. 2015 ,	9
910	. 2015 ,	2
909	A method to fuzzy multi-objective problems under random environment. 2015 ,	
908	Representation model and learning algorithm for uncertain and imprecise multivariate behaviors, based on correlated trends. 2015 , 36, 589-598	4
907	On the Expected Value of Fuzzy Events. 2015 , 23, 57-74	8
906	. 2015 ,	5
905	A new method for weighted fuzzy interpolative reasoning based on piecewise fuzzy entropies of fuzzy sets. 2015 ,	
904	A fuzzy content matching-based e-Commerce recommendation approach. 2015 ,	
903	Probabilistic Fuzzy Bayesian Network. 2015 ,	1
902	Fuzzy Sets of Higher Type and Higher Order in Fuzzy Modeling. 2015 , 31-49	2
901	Fuzzy and interval-valued fuzzy decision-theoretic rough set approaches based on fuzzy probability measure. 2015 , 298, 534-554	50
900	Z-Number-Based Linear Programming. 2015 , 30, 563-589	53
899	Stress strength reliability in the presence of fuzziness. 2015 , 282, 262-267	10
898	Coherence in the aggregate: A betting method for belief functions on many-valued events. 2015 , 58, 71-86	6
897	Triangular entropy of uncertain variables with application to portfolio selection. 2015 , 19, 2203-2209	26
896	Theory of fuzzy non homogeneous Markov systems with fuzzy states. 2015 , 49, 2369-2385	4
895	Mixed Solution Strategy for MCGDM Problems Using Entropy/Cross Entropy in Interval-Valued Intuitionistic Fuzzy Environment. 2015 , 17, 1540007	6

894	Complement information entropy for uncertainty measure in fuzzy rough set and its applications. 2015 , 19, 1997-2010	21
893	Demerit-Fuzzy Rating Mechanism and Monitoring Chart. 2015 , 23, 399-420	1
892	Image segmentation based on weak fuzzy partition entropy. 2015 , 168, 994-1010	14
891	A distance measure between intuitionistic fuzzy belief functions. 2015 , 86, 288-298	26
890	Perspectives. 2015 , 59-63	
889	Semi-automated detection of annual laminae (varves) in lake sediments using a fuzzy logic algorithm. 2015 , 435, 272-282	10
888	AN APPLICATION OF FUZZY LOGIC TO ASSESS SERVICE QUALITY ATTRIBUTES IN LOGISTICS INDUSTRY. 2015 , 30, 172-181	7
887	Integrals based on monotone set functions. 2015 , 281, 88-102	46
886	R-norm entropy on intuitionistic fuzzy sets. 2015 , 28, 327-335	16
885	System with probabilistic fuzzy knowledge base and parametric inference operators in risk assessment of innovative projects. 2015 , 42, 6365-6379	16
884	Fuzzy cross-entropy. 2015 , 3,	13
883	Constructing TB fuzzy model from imprecise and uncertain knowledge represented as fuzzy belief functions. 2015 , 166, 319-336	9
882	A survey of quantum-like approaches to decision making and cognition. 2015 , 75, 49-80	37
881	On the Transformation of Fuzzy Measures to the Power Set and Its Role in Determining the Measure of a Measure. 2015 , 23, 842-849	5
880	On Denjoy-McShane-Stieltjes Integral of Fuzzy-Number-Valued Functions. 2015 , 151-158	
879	Effects of Dynamic Fluid-Structure Interaction on Seismic Response of Multi-Span Deep Water Bridges Using Fragility Function Method. 2015 , 18, 525-541	17
878	The fuzzy analogies of some ergodic theorems. 2015 , 2015,	5
877	An Improved Weighted Correlation Coefficient Based on Integrated Weight for Interval Neutrosophic Sets and its Application in Multi-criteria Decision-making Problems. 2015 , 8, 1027-1043	88

876	Applied Z-numbers. 2015,	2
875	. 2015, 23, 1638-1654	192
874	The legacy of 50 years of fuzzy sets: A discussion. 2015, 281, 21-31	32
873	On Solving Multiobjective Quadratic Programming Problems in a Probabilistic Fuzzy Environment. 2015, 543-557	0
872	The Information Principle. 2015, 294, 540-549	18
871	A multi-criteria decision-making formulation of trust using fuzzy analytic hierarchy process. 2015, 17, 465-488	10
870	Frontiers of Higher Order Fuzzy Sets. 2015,	2
869	Non-additive interval-valued F-transform. 2015, 270, 1-24	7
868	Strengthening Links Between Data Analysis and Soft Computing. 2015,	
867	The arithmetic of discrete Z-numbers. 2015, 290, 134-155	185
866	Possibilistic Bayesian inference based on fuzzy data. 2016, 7, 753-763	4
865	Probabilities of fuzzy events and their use in decision matrices. 2016, 9, 423	1
864	Z-Distance Based IF-THEN Rules. 2016, 2016, 1673537	8
863	A New Type of Compositive Information Entropy for IvIFS and Its Applications. 2016, 2016, 1-13	1
862	Entropy of Fuzzy Partitions and Entropy of Fuzzy Dynamical Systems. 2016, 18, 19	21
861	Cumulative Paired Entropy. 2016, 18, 248	11
860	PICTURE FUZZY CROSS-ENTROPY FOR MULTIPLE ATTRIBUTE DECISION MAKING PROBLEMS. 2016, 17, 491-502	232
859	On edge detection based on new intuitionistic fuzzy divergence and entropy measures. 2016,	8

858	Some novel uncertainty measures of hesitant fuzzy sets and their applications. 2016 , 30, 691-703	3
857	Decision-theoretic rough set approach for fuzzy decisions based on fuzzy probability measure and decision making. 2016 , 31, 1341-1353	9
856	Intuitionistic fuzzy linguistic soft sets and their application in multi-attribute decision-making. 2016 , 31, 2869-2879	4
855	Multivariate time-varying volatility modeling using Probabilistic Fuzzy Systems. 2016 ,	
854	Predicting the behavior of attackers and the consequences of attacks against cyber-physical systems. 2016 , 9, 6111-6136	9
853	Type-2 fuzzy cross-entropy and entropy measures and their applications. 2016 , 30, 2169-2180	10
852	Bayesian decision making using z-numbers. 2016 ,	2
851	Intuitionistic fuzzy exponential divergence: Application in multi-attribute decision making. 2016 , 30, 1519-1530	14
850	Analysis of probabilistic fuzzy systems' parameters in conditional density estimation. 2016 ,	0
849	Multiobjective linear programming model having fuzzy random variables following joint extreme value distribution. 2016 ,	1
848	Multicriteria Decision Making Using Double Refined Indeterminacy Neutrosophic Cross Entropy and Indeterminacy Based Cross Entropy. 2016 , 859, 129-143	10
847	Approximate Arithmetic Operations of U-numbers. 2016 , 102, 59-66	1
846	Z-Regression Analysis in Psychological and Educational Researches. 2016 , 102, 385-389	6
845	Supplier Selection Problem under Z-information. 2016 , 102, 418-425	4
844	The moment-independence importance measure for fuzzy failure criterion and its Kriging solution. 2016 ,	
843	Quantifying polysemy: Corpus methodology for prototype theory. 2016 , 50,	4
842	Assessing sandy beach macrofaunal patterns along large-scale environmental gradients: A Fuzzy Naïve Bayes approach. 2016 , 175, 70-78	11
841	Operator functional state estimation based on EEG-data-driven fuzzy model. 2016 , 10, 375-83	3

840	The Emergence of Fuzzy Sets: A Historical Perspective. 2016 , 3-19	1
839	Applications of Fuzzy Mathematical Programming Approaches in Supply Chain Planning Problems. 2016 , 369-402	5
838	On logarithmic fuzzy measures of information and discrimination. 2016 , 37, 213-231	13
837	Implementing designer's preferences using fuzzy logic and Genetic Algorithm in structural optimization. 2016 , 16, 987-995	3
836	A novel image enhancement method using fuzzy Sure entropy. 2016 , 215, 196-211	18
835	Ranking of Z-Numbers and Its Application in Decision Making. 2016 , 15, 1503-1519	50
834	Z-number DEA: A new possibilistic DEA in the context of Z-numbers. 2016 , 30, 604-617	56
833	Multiple attribute group decision making based on interval-valued hesitant fuzzy information measures. 2016 , 101, 103-115	21
832	A Fuzzy Binomial Naive Bayes classifier for epidemiological data. 2016 ,	0
831	Optimizing probabilistic fuzzy systems for classification using metaheuristics. 2016 ,	1
830	Computational Collective Intelligence. 2016 ,	1
829	The arithmetic of continuous Z-numbers. 2016 , 373, 441-460	105
828	Fuzzy Probability Theory I: Discrete Case. 2016 , 13-34	1
827	Fuzzy Probability Theory II: Continuous Case. 2016 , 35-54	
826	Fuzzy Statistical Decision-Making. 2016 , 1-12	
825	Testing Fuzzy Hypotheses: A New p-value-based Approach. 2016 , 155-173	
824	Updating probabilistic method of the fuzzy control model's parameters of the production facilities. 2016 ,	
823	Removing noise in a digital image using a new entropy method based on intuitionistic fuzzy sets. 2016 ,	6

822	Generalizations of Fuzzy Information Measures. 2016,	7
821	An Assessment of Multiple Spacecraft Formation for Asteroid Redirection. 2016, 14, Pk_137-Pk_146	5
820	A future for learning semantic models of man-made environments. 2016,	
819	A Simple but Efficient Approach for Testing Fuzzy Hypotheses. 2016, 4,	2
818	Some Comments on Ordinary Reasoning with Fuzzy Sets. 2016, 87-107	1
817	Trust modeling based on a combination of fuzzy analytic hierarchy process and fuzzy VIKOR. 2016, 20, 399-421	27
816	Modeling and implementation of Z-number. 2016, 20, 1341-1364	22
815	Simplified neutrosophic sets and their applications in multi-criteria group decision-making problems. 2016, 47, 2342-2358	219
814	Hesitant fuzzy information measures and their applications in multi-criteria decision making. 2016, 47, 62-76	43
813	A Neutrosophic Normal Cloud and Its Application in Decision-Making. 2016, 8, 649-669	67
812	Probabilistic graded rough set and double relative quantitative decision-theoretic rough set. 2016, 74, 1-12	17
811	Type-2 fuzzy event parallel computing system: Overcoming computer int index limitation in big data. 2016, 38, 1076-1087	10
810	Static and Dynamic Methods for Fuzzy Signal Processing of Sound and Electromagnetic Environment Based on Fuzzy Observations. 2016, 171-187	
809	A hesitant fuzzy model of computational trust considering hesitancy, vagueness and uncertainty. 2016, 42, 18-37	23
808	Computational Intelligence. 2016,	
807	Multimodal Sensor Medical Image Fusion Based on Type-2 Fuzzy Logic in NSCT Domain. 2016, 16, 3735-3745	121
806	Estimation of Operator Functional State Using EEG Data-Driven Fuzzy Models with Entropy-Based Partition. 2016, 511-518	
805	Mortality prediction of septic shock patients using probabilistic fuzzy systems. 2016, 42, 194-203	19

804	On the Atanassov Concept of Fuzziness and One of Its Modification. 2016 , 27-40	1
803	CFD and weighted entropy based simulation and optimisation of Chinese Solar Greenhouse temperature distribution. 2016 , 142, 12-26	37
802	On the influence of feature selection in fuzzy rule-based regression model generation. 2016 , 329, 649-669	31
801	Weighted fuzzy interpolative reasoning for sparse fuzzy rule-based systems based on piecewise fuzzy entropies of fuzzy sets. 2016 , 329, 503-523	22
800	Fuzzy probabilistic rough sets and their corresponding three-way decisions. 2016 , 91, 126-142	50
799	Uncertainty modeling using fuzzy measures. 2016 , 92, 1-8	36
798	Fuzzy-valued linguistic soft set theory and multi-attribute decision-making application. 2016 , 89, 2-7	11
797	The general theory of decisions. 2016 , 327, 125-148	29
796	. 2016 , 24, 1-15	36
795	Probabilistic Variable Precision Fuzzy Rough Sets. 2016 , 24, 29-39	20
794	Clustering and classification of fuzzy data using the fuzzy EM algorithm. 2016 , 286, 134-156	23
793	An outranking approach for multi-criteria decision-making problems with interval-valued neutrosophic sets. 2016 , 27, 615-627	119
792	Vague Credence. 2017 , 194, 3931-3954	6
791	Cross-entropy measure on interval neutrosophic sets and its applications in multicriteria decision making. 2017 , 28, 1177-1187	51
790	Graph based semi-supervised learning via label fitting. 2017 , 8, 877-889	1
789	Image fusion method of SAR and infrared image based on Curvelet transform with adaptive weighting. 2017 , 76, 17633-17649	16
788	Principal component analysis for histogram-valued data. 2017 , 11, 327-351	5
787	Fuzziness based semi-supervised learning approach for intrusion detection system. 2017 , 378, 484-497	303

786	Fuzzy SetBased System Performance Evaluation of an Irrigation Reservoir System. 2017 , 143, 04017002	7
785	Distance and distance induced intuitionistic entropy of generalized intuitionistic fuzzy soft sets. 2017 , 47, 132-147	22
784	A general p-value-based approach for testing quality by considering fuzzy hypotheses. 2017 , 32, 1649-1658	2
783	Uncertainty and reduction of variable precision multigranulation fuzzy rough sets based on three-way decisions. 2017 , 85, 36-58	42
782	A New Intuitionistic Fuzzy Entropy of Order-(alpha) with Applications in Multiple Attribute Decision Making. 2017 , 212-219	4
781	Collaborative filtering recommendation algorithm based on user fuzzy similarity. 2017 , 21, 311-327	7
780	A cost-sensitive semi-supervised learning model based on uncertainty. 2017 , 251, 106-114	16
779	On the Logos: A Naïve View on Ordinary Reasoning and Fuzzy Logic. 2017 ,	10
778	Fuzzy Events, Fuzzy Probability and Applications in Economic and Social Sciences. 2017 , 223-233	9
777	Probability: From classical to fuzzy. 2017 , 326, 106-114	6
776	Learning fuzzy semantic cell by principles of maximum coverage, maximum specificity, and maximum fuzzy entropy of vague concept. 2017 , 133, 122-140	4
775	A New Exponential Fuzzy Entropy of Order-((alpha , beta)) and its Application in Multiple Attribute Decision-Making Problems. 2017 , 5, 213-229	17
774	An Algorithmic Approach for Predicting Unknown Information in Incomplete Fuzzy Soft Set. 2017 , 42, 3563-3571	9
773	Fuzzy cognitive maps of public support for insurgency and terrorism. 2017 , 14, 17-32	26
772	Probabilistic Fuzzy Classification for Stochastic Data. 2017 , 25, 1391-1402	14
771	Random forest ensemble classification based fuzzy logic. 2017 ,	1
770	A Note on Fuzzy Probability of a Fuzzy Event. 2017 , 32, 676-685	2
769	Fuzzy memberships as likelihood functions in a possibilistic framework. 2017 , 88, 547-566	15

768	Quantum effect logic in cognition. 2017 , 81, 1-10	1
767	Interval type-2 fuzzy information measures and their applications to attribute decision-making approach. 2017 , 33, 1809-1821	4
766	The likelihood interpretation as the foundation of fuzzy set theory. 2017 , 90, 333-340	11
765	Vehicle speed prediction using a cooperative method of fuzzy Markov model and auto-regressive model. 2017 ,	19
764	Statistical inference for the parameter of Lindley distribution based on fuzzy data. 2017 , 31,	4
763	Z-number-based negotiation model for determining two-part transmission tariffs of cross-regional transmission projects. 2017 , 11, 1829-1838	5
762	Factorization of Observables. 2017 , 56, 4073-4083	5
761	On Probability Domains IV. 2017 , 56, 4084-4091	5
760	Parametric (R,S)-norm Entropy on Intuitionistic Fuzzy Sets with a New Approach in Multiple Attribute Decision Making. 2017 , 9, 181-203	20
759	Fuzzy data analysis and classification. 2017 , 11, 645-657	11
758	APPLICATION OF FUZZY AHP FOR RANKING AND SELECTION OF ALTERNATIVES IN CONSTRUCTION PROJECT MANAGEMENT. 2017 , 23, 1123-1135	35
757	Risk evaluation decision models combined interval type-2 fuzzy cross-entropy and risk preference. 2017 ,	1
756	Multiple attribute group decision making based on interval type-2 fuzzy cross-entropy and ranking value. 2017 ,	1
755	Entropy of Uncertain Random Variables with Application to Minimum Spanning Tree Problem. 2017 , 25, 497-514	10
754	Security Isolation Strategy Mechanism for Lightweight Virtualization Environment. 2017 , 11, 01001	
753	Principles of inclusion and exclusion for interval-valued fuzzy sets and IF-sets. 2017 , 324, 60-73	6
752	Granular, Soft and Fuzzy Approaches for Intelligent Systems. 2017 ,	2
751	Particle-filtering-based failure prognosis via sigma-points: Application to Lithium-Ion battery State-of-Charge monitoring. 2017 , 85, 827-848	43

750	Entropy and Cross-entropy for Generalized Hesitant Fuzzy Information and Their Use in Multiple Attribute Decision Making. 2017 , 32, 266-290	12
749	Information Technology and Intelligent Transportation Systems. 2017 ,	0
748	Recent Trends in Social Systems: Quantitative Theories and Quantitative Models. 2017 ,	13
747	The Likelihood Interpretation of Fuzzy Data. 2017 , 113-120	1
746	Measure, Integrals and Fuzzy Events. 2017 , 135-173	
745	Fuzzy-probabilistic PERT. 2017 , 258, 437-452	6
744	Representation of Uncertainty with Information and Probabilistic Information Granules. 2017 , 19, 1617-1634	7
743	Approximate Reasoning on a Basis of Z-Number-Valued If-Then Rules. 2017 , 25, 1589-1600	53
742	Toward an efficient fuzziness based instance selection methodology for intrusion detection system. 2017 , 8, 1767-1776	13
741	Exponential Intuitionistic Fuzzy Information Measure with Assessment of Service Quality. 2017 , 19, 788-798	37
740	A First Course in Fuzzy Logic, Fuzzy Dynamical Systems, and Biomathematics. 2017 ,	51
739	Fuzzy decision tree and fuzzy gradual decision tree: Application to job satisfaction. 2017 ,	
738	On non-additive probability measures. 2017 , 67, 1571-1576	1
737	Dynamic fault tree analysis using fuzzy L-U bounds failure distributions. 2017 , 33, 3275-3286	5
736	Probability and Nonclassical Logic. 2017 ,	0
735	Knowledge processing in decisions under fuzziness and uncertainty. 2017 ,	
734	A novel measurement of uncertain information based on interval type-2 cross-entropy and its application. 2017 ,	
733	A Tribute to Prof. Lotfi A. Zadeh. 2017 , 16, 1777001	

732	Credibility in Fuzzy Inference Systems. 2017 , 53, 866-875	2
731	. 2017 ,	
730	Tackling Complex Emergency Response Solutions Evaluation Problems in Sustainable Development by Fuzzy Group Decision Making Approaches with Considering Decision Hesitancy and Prioritization among Assessing Criteria. 2017 , 14,	5
729	Typical interval-valued hesitant fuzzy probability. 2017 ,	
728	Impact of fuzziness categorization on divide and conquer strategy for instance selection. 2017 , 33, 1007-1018	8
727	Assets evaluation credibility method based on the interpersonal relationship model. 2017 , 20, 1047-1058	
726	Assessment of fuzzy min-max neural networks for classification tasks. 2017 ,	
725	Fuzziness Based Random Vector Functional-Link Network for Semi-supervised Learning. 2017 ,	4
724	On Solving Multiobjective Transportation Problems with Fuzzy Random Supply and Demand Using Fuzzy Goal Programming. 2017 , 8, 54-81	5
723	Interval-Valued Hesitant Fuzzy Multiattribute Group Decision Making Based on Improved Hamacher Aggregation Operators and Continuous Entropy. 2017 , 2017, 1-20	5
722	Genetic algorithm approach for solving multi-objective fuzzy stochastic programming problem. 2017 , 11, 1	3
721	On entropy, similarity measure and cross-entropy of single-valued neutrosophic sets and their application in multi-attribute decision making. 2018 , 22, 7367-7376	30
720	ZBWM: The Z-number extension of Best Worst Method and its application for supplier development. 2018 , 107, 115-125	165
719	Intersections and unions of fuzzy sets of operands. 2018 , 352, 12-25	4
718	An Extension of Fuzzy Linguistic Summarization Considering Probabilistic Uncertainty. 2018 , 26, 195-215	2
717	Mortality prediction in intensive care units (ICUs) using a deep rule-based fuzzy classifier. 2018 , 79, 48-59	41
716	An ((R',S'))-norm fuzzy relative information measure and its applications in strategic decision-making. 2018 , 37, 4518-4543	12
715	. 2018 , 18, 2494-2505	15

714	Multi-criteria formulations with uncertain satisfactions. 2018 , 69, 104-111	7
713	Intuitionistic Fuzzy Interval-Valued Linguistic Entropic Combined Weighted Averaging Operator for Linguistic Group Decision Making. 2018 , 33, 444-460	15
712	Conditional fuzzy entropy of fuzzy dynamical systems. 2018 , 342, 138-152	5
711	Fuzzy logic-based real-time control for a twin-rotor MIMO system using GA-based optimization. 2018 , 15, 192-204	3
710	Z-VIKOR Method Based on a New Comprehensive Weighted Distance Measure of Z-Number and Its Application. 2018 , 26, 3232-3245	76
709	Three Categories of Set-Valued Generalizations From Fuzzy Sets to Interval-Valued and Atanassov Intuitionistic Fuzzy Sets. 2018 , 26, 3112-3121	5
708	A fuzzy transition based approach for fault severity prediction in helical gearboxes. 2018 , 337, 52-73	21
707	Discovering the Relationship Between Generalization and Uncertainty by Incorporating Complexity of Classification. 2018 , 48, 703-715	78
706	Coherent Conditional Plausibility: A Tool for Handling Fuzziness and Uncertainty Under Partial Information. 2018 , 129-152	2
705	Introduction to U-Number Calculus. 2018 , 24, 211-216	1
704	Uncertainty Measures of Extended Hesitant Fuzzy Linguistic Term Sets. 2018 , 26, 1763-1768	56
703	New Divergence and Entropy Measures for Intuitionistic Fuzzy Sets on Edge Detection. 2018 , 20, 474-487	54
702	An (R, S)-norm fuzzy information measure with its applications in multiple-attribute decision-making. 2018 , 37, 2943-2964	25
701	Minimax test for fuzzy hypotheses. 2018 , 59, 1623-1648	3
700	Partial triangular entropy of uncertain random variables and its application. 2018 , 9, 1455-1464	11
699	Uncertainty propagation in a model of dead-end bacterial microfiltration using fuzzy interval analysis. 2018 , 546, 215-224	5
698	Functions defined on a set of Z-numbers. 2018 , 423, 353-375	37
697	Fuzzy Multi-Criteria Decision Making and Fuzzy Information Gain Based Automotive Recommender System. 2018 , 270-277	1

696 Frontiers in Computational Intelligence. **2018,**

695 Fuzzy Random Variables [1] Kruse & Meyer and [1] Puri & Ralescu: Key Differences and Coincidences. **2018,** 21-29 1

694 On Ranking of Continuous Z-Numbers with Generalized Centroids and Optimization Problems Based on Z-Numbers. **2018,** 33, 3-14 14

693 Mapping potential motorised sightseeing recreation supply across broad privately-owned landscapes of the Southern United States. **2018,** 43, 721-734 8

692 Modified Grey Wolf Optimization Algorithm for Transmission Network Expansion Planning Problem. **2018,** 43, 2899-2908 39

691 Fuzzy heaping mechanism for heaped count data with imprecision. **2018,** 22, 4585-4594 3

690 Multi-granulation bipolar-valued fuzzy probabilistic rough sets and their corresponding three-way decisions over two universes. **2018,** 22, 8207-8226 11

689 Hesitant intuitionistic fuzzy entropy/cross-entropy and their applications. **2018,** 22, 2809-2824 7

688 Pietro Torasso, the early years: Speech and language processing. **2018,** 12, 23-29

687 Effective Video Shot Boundary Detection and Keyframe Selection using Soft Computing Techniques. **2018,** 8, 27-48 3

686 Generalized Distance-Based Entropy and Dimension Root Entropy for Simplified Neutrosophic Sets. **2018,** 20, 8

685 A Novel Reliability Analysis Method for Turbine Discs with the Mixture of Fuzzy and Probability-Box Variables. **2018,** 3

684 A novel distance measure over intuitionistic fuzzy sets with its applications in Pattern Recognition. **2018,**

683 Simplified Neutrosophic Sets Based on Interval Dependent Degree for Multi-Criteria Group Decision-Making Problems. **2018,** 10, 640 2

682 Advances in Algebra and Analysis. **2018,** 1

681 A Novel Method for Solving Multi-Attribute Decision Making by Using Expected Value Under Interval Type-2 Fuzzy Environment. **2018,**

680 Intuitionistic Fuzzy ANOVA and Its Application Using Different Techniques. **2018,** 457-468 4

679 Introduce More Characteristics of Samples into Cross-domain Sentiment Classification. **2018,** 2

678	Fuzzy Logic in Natural Language Processing [A Closer View. 2018 , 132, 1375-1384	8
677	Assessment of Equipment Trip Probability Due to Voltage Sags Based on Fuzzy Possibility Distribution Function. 2018 , 6, 76889-76899	14
676	The role of fluctuations in artificial intelligence from Zadeh's fuzzy sets point of view. 2018 , 51, 812-815	
675	A Fresh Look at Z-numbers [Relationships with Belief Functions and p-boxes. 2018 , 10, 5-18	9
674	Single-valued neutrosophic entropy and similarity measures to solve supplier selection problems. 2018 , 35, 6513-6523	7
673	A psychometric user experience model based on fuzzy measure approaches. 2018 , 38, 794-810	8
672	On the Fusion of Multiple Measure Based Belief Structures. 2018 , 26, 63-88	2
671	A novel method combining fuzzy SVM and sampling for imbalanced classification. 2018 , 8, 1	1
670	Entropy, Measures of Distance and Similarity of Q-Neutrosophic Soft Sets and Some Applications. 2018 , 20,	16
669	Complex Multi-Fuzzy Soft Set: Its Entropy and Similarity Measure. 2018 , 6, 65002-65017	31
668	The Reliability Estimation for the Open Function of Cabin Door Affected by the Imprecise Judgment Corresponding to Distribution Hypothesis. 2018 , 359, 012052	
667	Tsallis Entropy of Product MV-Algebra Dynamical Systems. 2018 , 20,	2
666	A review of applications of fuzzy sets to safety and reliability engineering. 2018 , 100, 29-55	66
665	On sequential entropy of fuzzy systems. 2018 , 34, 2021-2029	1
664	On invariant IF-state. 2018 , 22, 5043-5049	3
663	An Exponential Jensen Fuzzy Divergence Measure with Applications in Multiple Attribute Decision-Making. 2018 , 2018, 1-9	12
662	Selecting a model for generating OWA operator weights in MAGDM problems by maximum entropy membership function. 2018 , 124, 370-378	10
661	A subjective approach to fuzzy events and their coherent probability assessment for decision making under uncertainty. 2018 , 21, 1427-1445	5

660	Integration of Z-numbers and Bayesian decision theory: A hybrid approach to decision making under uncertainty and imprecision. 2018 , 72, 273-290	14
659	A novel phase I fuzzy profile monitoring approach based on fuzzy change point analysis. 2018 , 71, 488-504	3
658	Cross Entropy Measures of Bipolar and Interval Bipolar Neutrosophic Sets and Their Application for Multi-Attribute Decision-Making. 2018 , 7, 21	10
657	Exponential Entropy for Simplified Neutrosophic Sets and Its Application in Decision Making. 2018 , 20,	16
656	Performance Evaluation of Residential Demand Response Based on a Modified Fuzzy VIKOR and Scalable Computing Method. 2018 , 11, 1097	10
655	NS-Cross Entropy-Based MAGDM under Single-Valued Neutrosophic Set Environment. 2018 , 9, 37	21
654	Credibility Measure for Intuitionistic Fuzzy Variables. 2018 , 6, 50	3
653	NC-Cross Entropy Based MADM Strategy in Neutrosophic Cubic Set Environment. 2018 , 6, 67	6
652	Multiple Criteria Group Decision-Making Considering Symmetry with Regards to the Positive and Negative Ideal Solutions via the Pythagorean Normal Cloud Model for Application to Economic Decisions. 2018 , 10, 140	17
651	Hukuhara difference of Z-numbers. 2018 , 466, 13-24	18
650	On Zadeh's problem in probability theory. 2018 , 47, 648-654	1
649	Fuzziness-based online sequential extreme learning machine for classification problems. 2018 , 22, 3487-3494	18
648	A Novel Approach Based on Intuitionistic Fuzzy Combined Ordered Weighted Averaging Operator for Group Decision Making. 2018 , 26, 493-518	3
647	Fuzzy rule bases with generalized belief structure inputs. 2018 , 72, 93-98	23
646	How trustworthy are risk assessment results, and what can be done about the uncertainties they are plagued with?. 2018 , 55, 162-177	9
645	Fault trees analysis using expert opinion based on fuzzy-bathtub failure rates. 2018 , 34, 1142-1157	10
644	Z-numbers as Generalized Probability Boxes. 2019 , 68-77	
643	Entropy-based multi-item solid transportation problems with uncertain variables. 2019 , 23, 5931-5943	5

642	An intuitionistic fuzzy information measure of order-((alpha , beta)) with a new approach in supplier selection problems using an extended VIKOR method. 2019 , 60, 27-50	20
641	Multi-granulation fuzzy decision-theoretic rough sets and bipolar-valued fuzzy decision-theoretic rough sets and their applications. 2019 , 4, 483-509	8
640	Face sketch recognition: an application of Z-numbers. 2019 , 11, 541-548	1
639	A General Theory of Entropy. 2019 ,	1
638	Genetic algorithm for Robust Total coloring of a Fuzzy graph. 2019 ,	1
637	Non-probabilistic Integrated Reliability Analysis of Structures with Fuzzy Interval Uncertainties using the Adaptive GPR-RS Method. 2019 , 23, 3978-3992	1
636	Ridge Fuzzy Regression Model. 2019 , 21, 2077-2090	16
635	Basic Fuzzy Event Space and Probability Distribution of Probability Fuzzy Space. 2019 , 7, 542	1
634	Entropy and Semi-Entropies of LR Fuzzy Numbers' Linear Function with Applications to Fuzzy Programming. 2019 , 21,	1
633	Predictive Analysis of Settlement Risk in Tunnel Construction: A Bow-Tie-Bayesian Network Approach. 2019 , 2019, 1-19	5
632	The Consistency between Cross-Entropy and Distance Measures in Fuzzy Sets. 2019 , 11, 386	8
631	Effective Investments on Capital Markets. 2019 ,	
630	Improvement in the food losses in fruits and vegetable supply chain - a perspective of cold third-party logistics approach. 2019 , 6, 100117	34
629	Multiple Criteria Decision Making Based on Probabilistic Interval-Valued Hesitant Fuzzy Sets by Using LP Methodology. 2019 , 2019, 1-12	10
628	Investment Strategies Determined by Present Value Given as Trapezoidal Fuzzy Numbers. 2019 , 189-213	
627	An uncertain possibility-probability information fusion method under interval type-2 fuzzy environment and its application in stock selection. 2019 , 504, 546-560	18
626	Fuzzy logic applied to value of information assessment in oil and gas projects. 2019 , 16, 1208-1220	4
625	A Fuzzy Markup Language-Based Approach for a Quality of Location Inference as An Environmental Health Awareness. 2019 , 1, 1-21	

624	Singular System Full-Order and Reduced-Order Fixed-Time Observer Design. 2019 , 7, 112113-112119	2
623	Mechanical properties of hollow polyester monofilament: Compression and tension behaviors. 2019 , 14, 155892501983753	
622	Novel Approach to Multicriteria Decision Making Under Z-Information. 2019 ,	8
621	Logical entropy of dynamical systems in product MV-algebras and general scheme. 2019 , 2019,	
620	Valuation methodology of laminar erosion potential using fuzzy inference systems in a Brazilian savanna. 2019 , 191, 624	4
619	Fuzzy entropy with order and degree for intuitionistic fuzzy set. 2019 ,	1
618	Direct integration method based on dual neural networks to solve the structural reliability of fuzzy failure criteria. 2019 , 233, 7183-7196	2
617	Semantic Information G Theory and Logical Bayesian Inference for Machine Learning. 2019 , 10, 261	6
616	TOPSIS Method for Probabilistic Linguistic MAGDM with Entropy Weight and Its Application to Supplier Selection of New Agricultural Machinery Products. 2019 , 21, 953	50
615	Advanced Control Techniques in Complex Engineering Systems: Theory and Applications. 2019 ,	2
614	A Status Quo Biased Multistage Decision Model for Regional Agricultural Socioeconomic Planning Under Fuzzy Information. 2019 , 201-226	4
613	Modelling Road Congestion Using a Fuzzy System and Real-World Data for Connected and Autonomous Vehicles. 2019 ,	
612	Impact of Fuzziness Measures on the Performance of Semi-supervised Learning. 2019 , 21, 1430-1442	9
611	Cross Entropy for Discrete Z-numbers and Its Application in Multi-Criteria Decision-Making. 2019 , 21, 1786-1800	18
610	Comprehensive cross-entropy and entropy measures and their applications under interval type-2 fuzzy environment. 2019 , 37, 5143-5156	2
609	The Third Kind of Bayes Theorem Links Membership Functions to Likelihood Functions and Sampling Distributions. 2019 , 268-280	
608	Symmetric fuzzy divergence measure, decision making and medical diagnosis problems. 2019 , 36, 5721-5729	6
607	Entropy Measures for Probabilistic Hesitant Fuzzy Information. 2019 , 7, 65714-65727	14

606	A Neutrosophic Forecasting Model for Time Series Based on First-Order State and Information Entropy of High-Order Fluctuation. 2019 , 21,	9
605	Multi-Focus Image Fusion Based on a Non-Fixed-Base Dictionary and Multi-Measure Optimization. 2019 , 7, 46376-46388	7
604	Calculation Formulas and Simulation Algorithms for Entropy of Function of LR Fuzzy Intervals. 2019 , 21,	6
603	Adaptive Fusion. 2019 , 587-606	
602	Calculator for fuzzy numbers. 2019 , 5, 331-342	5
601	. 2019 , 7, 41958-41980	12
600	Sensitivity analysis on initial classifier accuracy in fuzziness based semi-supervised learning. 2019 , 490, 93-112	19
599	Multi-objective fuzzy probabilistic quadratic programming problem. 2019 , 34, 387	1
598	Real-time control and application with self-tuning PID-type fuzzy adaptive controller of an inverted pendulum. 2019 , 46, 159-170	16
597	Information Quality in Information Fusion and Decision Making. 2019 ,	6
596	A New Perspective of Bayes Formula Based on D \bar{B} Theory in Interval Intuitionistic Fuzzy Environment and Its Applications. 2019 , 21, 1196-1213	2
595	Talitrid (Crustacea, Amphipoda) orientation as across scale bioindicator of sandy beaches environmental conditions: A meta-analytic approach. 2019 , 220, 25-37	3
594	Multi-criteria decision-making method based on Smallest Enclosing Circle in incompletely reliable information environment. 2019 , 130, 1-13	17
593	A Betting- and Lottery-Based Method for Fuzzy Probability Elicitation. 2019 , 27, 121-144	
592	Bayes Theorem Extends to Overlapping Hypotheses. 2019 ,	
591	. 2019 ,	4
590	Dominance Degree Multiple Attribute Decision Making Based on Z-Number Cognitive Information. 2019 , 2019, 1-19	2
589	Ternary Questionnaires. 2019 ,	1

588	Multi-attribute decision making based on novel generalized parametric exponential intuitionistic fuzzy divergence measure. 2019 , 1-10	1
587	A Novel Decision-Making Model with Pythagorean Fuzzy Linguistic Information Measures and Its Application to a Sustainable Blockchain Product Assessment Problem. 2019 , 11, 5630	10
586	. 2019 ,	
585	Computation of Multi-choice Multi-objective Fuzzy Probabilistic Transportation Problem. 2019 , 81-95	4
584	Operations Research in Development Sector. 2019 ,	
583	Z-Advanced numbers processes. 2019 , 480, 130-143	26
582	A dissimilarity measure based on Jensen Shannon divergence measure. 2019 , 48, 280-301	11
581	Credibility distribution based R-norm fuzzy information measures in noiseless coding theorems. 2019 , 48, 302-320	3
580	The Discrete Basis Problem and Asso Algorithm for Fuzzy Attributes. 2019 , 27, 1417-1427	0
579	Deep feature learning for soft tissue sarcoma classification in MR images via transfer learning. 2019 , 120, 116-127	23
578	Extending Set Measures to Pythagorean Fuzzy Sets. 2019 , 21, 343-354	15
577	An entropy-based approach for assessing the operation of production logistics. 2019 , 119, 118-127	13
576	Intuitionistic Fuzzy Logit Model of Discrete Choice. 2019 , 3, 85-89	2
575	Probabilistic decision making based on rough sets in interval-valued fuzzy information systems. 2019 , 4, 391-405	3
574	Belief and plausibility functions of type-2 fuzzy rough sets. 2019 , 105, 194-216	6
573	The arithmetic of multidimensional Z-number. 2019 , 36, 1647-1661	9
572	Fuzzy Inference System-Based for TBM Field Penetration Index Estimation in Rock Mass. 2019 , 37, 1533-1553	9
571	A Novel Fuzzy Decision-Making Method Using Entropy Weights-Based Correlation Coefficients Under Intuitionistic Fuzzy Environment. 2019 , 21, 232-242	30

570	Linking socioeconomic development, sea level rise, and climate change impacts on urban growth in New York City with a fuzzy cellular automata-based Markov chain model. 2019 , 46, 551-572	7
569	New model for addressing supply chain and transport safety for disaster relief operations. 2019 , 283, 33-69	5
568	Solving the FS-RCPSP with hyper-heuristics: A policy-driven approach. 2019 , 70, 403-419	12
567	Estimating E-bayesian and hierarchical bayesian of scalar parameter of gompertz distribution under type II censoring schemes based on fuzzy data. 2019 , 48, 831-840	3
566	Multi-granulation interval-valued fuzzy probabilistic rough sets and their corresponding three-way decisions based on interval-valued fuzzy preference relations. 2019 , 4, 89-108	29
565	Group decision making using neutrosophic soft matrix: An algorithmic approach. 2019 , 31, 459-468	12
564	A mixed-integer linear programming model for solving fuzzy stochastic resource constrained project scheduling problem. 2020 , 20, 197-217	8
563	An uncertainty based incremental learning for identifying the severity of bug report. 2020 , 11, 123-136	1
562	Comprehensive mining of frequent itemsets for a combination of certain and uncertain databases. 2020 , 12, 1205-1216	1
561	Is it possible to define conditional expectations for probability charges?. 2020 , 379, 37-47	
560	Uncertain Information and Linear Systems. 2020 ,	6
559	Fuzzy Transportation and Transshipment Problems. 2020 ,	6
558	Probabilistic Forecasting With Fuzzy Time Series. 2020 , 28, 1771-1784	24
557	Bridging the Gap Between Probabilistic and Fuzzy Entropy. 2020 , 28, 2175-2184	1
556	Integrating learned and explicit document features for reputation monitoring in social media. 2020 , 62, 951-985	0
555	A Novel Fuzzy Rough Clustering Parameter-based missing value imputation. 2020 , 32, 10033-10050	11
554	Hypotheses Analysis and Assessment in Counterterrorism Activities: A Method Based on OWA and Fuzzy Probabilistic Rough Sets. 2020 , 28, 831-845	46
553	The Class Overlap Model for System Log Anomaly Detection Based on Ensemble Learning. 2020 ,	

552	DEVELOPING SOME FUZZY MODULES FOR FINDING RISK PROBABILITIES IN INDIAN PPP PROJECTS. 2020 , 48, 3939-3968	2
551	Ridge Fuzzy Regression Modelling for Solving Multicollinearity. 2020 , 8, 1572	1
550	An (R, S)-norm information measure for hesitant fuzzy sets and its application in decision-making. 2020 , 39, 1	2
549	End-to-End Memory Networks: A Survey. 2020 , 291-300	2
548	Novel Stable Approach with Probability Distribution for Multi-Criteria Decision-Making Problems of Multi-Valued Neutrosophic Sets. 2020 , 19, 1271-1292	
547	A novel entropy proposition for spherical fuzzy sets and its application in multiple attribute decision-making. 2020 , 35, 1354-1374	26
546	Computation of multi-choice multi-objective fuzzy probabilistic two stage programming problem. 2020 , 11, 168	3
545	Belief functions induced by random fuzzy sets: A general framework for representing uncertain and fuzzy evidence. 2020 , 424, 63-63	5
544	Novel Divergence Measure Under Neutrosophic Environment and Its Utility in Various Problems of Decision Making. 2020 , 9, 82-104	4
543	Semi-Supervised Self-Training Feature Weighted Clustering Decision Tree and Random Forest. 2020 , 8, 128337-128348	3
542	Application of random triangular and Gaussian type-2 fuzzy variable to solve fixed charge multi-item four dimensional transportation problem. 2020 , 96, 106589	3
541	Generation of fuzzy evidence numbers for the evaluation of uncertainty measures. 2020 ,	2
540	A Survey on Applications of Neuro-Fuzzy Models. 2020 ,	2
539	Wildfire Risk Assessment Based on Geospatial Open Data: Application on Chios, Greece. 2020 , 9, 516	3
538	A novel TODIM-VIKOR approach based on entropy and Jensen-Shannon divergence measure for picture fuzzy sets in a decision-making problem. 2020 , 35, 2140-2180	19
537	A Human-Centered Risk Model for the Construction Safety. 2020 , 8, 154072-154086	2
536	Cross-Validation for the Uncertain Chapman-Richards Growth Model with Imprecise Observations. 2020 , 28, 769-783	22
535	Stackelberg Game Theory-Based Optimization of High-Order Robust Control for Fuzzy Dynamical Systems. 2020 , 1-12	2

534	Detecting Overlapping Data in System Logs Based on Ensemble Learning Method. 2020 , 2020, 1-8	
533	The Riemann-Lebesgue Integral of Interval-Valued Multifunctions. 2020 , 8, 2250	3
532	Fuzzy regression model with input and output Z-numbers. 2020 , 919, 052041	1
531	Geometric viewpoint on the quantization of a fuzzy logic. 2020 , 17, 2050201	
530	The PIII Probability Framework for Semantic Communication, Falsification, Confirmation, and Bayesian Reasoning. 2020 , 5, 25	1
529	Renyi-Tsallis fuzzy divergence measure and its applications to pattern recognition and fault detection. 2020 , 39, 731-752	4
528	An Enhanced Spatial Intuitionistic Fuzzy C-means Clustering for Image Segmentation. 2020 , 167, 646-655	9
527	Entropy and monotonicity in artificial intelligence. 2020 , 124, 111-122	0
526	Possibility Measure of Accepting Statistical Hypothesis. 2020 , 8, 551	1
525	A cloud theory based reliability analysis method and its application to reliability problems of breakwaters. 2020 , 209, 107534	2
524	Three-way decisions based on multi-granulation support intuitionistic fuzzy probabilistic rough sets. 2020 , 38, 5013-5031	6
523	Cosine-similarity based approach for weights determination under hesitant fuzzy environment and its extension to priority derivation. 2020 , 38, 2261-2271	2
522	Collaborative filtering recommendation algorithm based on interval-valued fuzzy numbers. 2020 , 50, 2663-2675	11
521	Discontinuous rock slope stability analysis under blocky structural sliding by fuzzy key-block analysis method. 2020 , 6, e03907	9
520	A new picture fuzzy information measure based on shannon entropy with applications in opinion polls using extended VIKOR-ODIM approach. 2020 , 39, 1	20
519	A novel approach to extended fuzzy TOPSIS based on new divergence measures for renewable energy sources selection. 2020 , 257, 120352	76
518	Dynamic hesitant fuzzy Bayesian network and its application in the optimal investment port decision making problem of Twenty-first century maritime silk road. 2020 , 50, 1846-1858	8
517	A new picture fuzzy information measure based on Tsallis-Havrda-Charvat concept with applications in presaging poll outcome. 2020 , 39, 1	16

516	Probabilistic Hybrid Linguistic Approaches for Multiple Attribute Group Decision Making with Decision Hesitancy and the Prioritization of Attribute Relationships. 2020 , 12, 235	2
515	Conditional probability on full $\bar{\imath}$ kasiewicz tribes. 2020 , 24, 6521-6529	1
514	Using machine learning approach for microseismic events recognition in underground excavations: Comparison of ten frequently-used models. 2020 , 268, 105519	21
513	A novel decision-making method using R-Norm concept and VIKOR approach under picture fuzzy environment. 2020 , 147, 113228	38
512	A double weighted fuzzy gamma naive bayes classifier. 2020 , 38, 577-588	3
511	Bayesian Method for the Generalized Exponential Model Using Fuzzy Data. 2020 , 22, 1243-1260	1
510	Fixed charge 4D-TP for a breakable item under hybrid random type-2 uncertain environments. 2020 , 527, 128-158	2
509	Feature Selection Using Fuzzy Neighborhood Entropy-Based Uncertainty Measures for Fuzzy Neighborhood Multigranulation Rough Sets. 2021 , 29, 19-33	48
508	Double-quantitative decision rough set over two universes and application to African swine fever decision-making. 2021 , 33, 331-347	4
507	A GIS- and AHP-based approach to map fire risk: a case study of Kuan Kreng peat swamp forest, Thailand. 2021 , 36, 212-225	15
506	Incremental fuzzy probability decision-theoretic approaches to dynamic three-way approximations. 2021 , 550, 71-90	13
505	An Introduction to Computing with Fuzzy Sets. 2021 ,	5
504	Flow Modelling and Control in Pipeline Systems. 2021 ,	0
503	A security-aware virtual machine placement in the cloud using hesitant fuzzy decision-making processes. 2021 , 77, 5606-5636	3
502	Barriers in sustainable industry 4.0: a case study of the footwear industry. 2021 , 14, 175-189	3
501	Coral habitat mapping: a comparison between maximum likelihood, Bayesian and DempsterShafer classifiers. 2021 , 36, 1217-1235	3
500	Properties of Join and Meet Operations Over Z-Numbers. 2021 , 580-590	
499	The Man Who Changed the Scientific World: To the Centenary of the Birth of Lotfi Zadeh. 2021 , 148-164	

498	Effect of the membership function type on the fuzzy risk of allowable groundwater drawdown calculation results. 2021 , 35, 1883-1894	1
497	Intersection Modeling Using Generalized Fuzzy Graph Coloring. 2021 , 1479-1489	1
496	Generalizing expected values to the case of L*-fuzzy events. 2021 , 50, 36-62	0
495	Multi-criteria decision-making based on bi-parametric exponential fuzzy information measures and weighted correlation coefficients. 1	7
494	Neutrosophical Plant Hybridization in Decision-Making Problems. 2021 , 1-17	0
493	Multicriteria Decision-Making Based on Quadripartitioned Neutrosophic Cross-Entropy. 2021 , 19-34	
492	Fuzzy Encoded Markov Chains: Overview, Observer Theory, and Applications. 2021 , 51, 116-130	0
491	q-ROF-SIR methods and their applications to multiple attribute decision making. 1	4
490	Bayes Classifier for Mapping Intermediate and Heterogeneous RS Imagery. 2021 , 9-23	
489	Probabilistic, Recurrent, Fuzzy Neural Network for Processing Noisy Time-Series Data. 2021 , PP,	2
488	Several Limit Theorems on Fuzzy Quantum Space. 2021 , 9, 438	0
487	Evaluation of Soil Erodibility Using FAO Fuzzy Model in Closed and Unclosed Forest Zones in Dinarkouh of Iran. 2021 , 54, 304-315	
486	Argument parsing via corpus queries. 2021 , 63, 31-44	1
485	Fuzzy Model for the Priorization Analysis of Variable Quality Performance: An Approach in Shipbuilding. 1-23	0
484	Aralık-Değerli Sezgisel Bulanık Ortamda Entropinin Çok Kriterli Karar Verme Problemlerinde Kullanılmasına İlişkin Eleştirel Analiz.	
483	Intuitionistic fuzzy scale-invariant entropy with correlation coefficients-based VIKOR approach for multi-criteria decision-making. 1	2
482	Feature selection using self-information and entropy-based uncertainty measure for fuzzy neighborhood rough set. 1	4
481	On standard completeness and finite model property for a probabilistic logic on Łukasiewicz events. 2021 , 131, 136-150	0

480	A Fuzzy MCDM Method Based on New Fermatean Fuzzy Theories. 1-22	7
479	Implementaci3n SIG de modelos anal3ticos predictivos del sistema castramental dispuesto por el concejo de Sevilla en torno a la V3 de la Plata en la Baja Edad Media. 2021 , e111	
478	Evidence Theory in Picture Fuzzy Set Environment. 2021 , 2021, 1-8	5
477	Modeling random and non-random decision uncertainty in ratings data: a fuzzy beta model. 1	1
476	Conditional Intuitionistic Fuzzy Mean Value. 2021 , 10, 97	1
475	Fuzzy binary relation based elucidation of air quality over a highly polluted urban region of India. 2021 , 14, 1625	2
474	Applying fuzzy Delphi Method to Construct Evaluation Criteria for Online English Teaching. 2021 ,	
473	Evidential Fermatean fuzzy multicriteria decision-making based on Fermatean fuzzy entropy. 2021 , 36, 5866-5886	9
472	Extended TOPSIS method based on the entropy measure and probabilistic hesitant fuzzy information and their application in decision support system. 2021 , 40, 11479-11490	3
471	Type-2 Fuzzy Expert System Approach for Decision-Making of Financial Assets and Investing under Different Uncertainty. 2021 , 2021, 1-16	3
470	Reliability analysis of system with timing functional dependency using fuzzy-bathtub failure rates. 2021 , 12, 919-930	1
469	Jensen-Benyi-Tsallis Fuzzy Divergence Information Measure with its Applications. 1	3
468	Relationships between fuzzy probabilistic approximation spaces and their entropy measurement. 2021 , 50, 638-671	0
467	Mathematical Interpretation of Fuzzy Information Model. 2022 , 459-466	
466	Fuzzy Prediction Intervals Using Credibility Distributions. 2021 , 5, 51	1
465	Bibliography. 2021 , 257-261	
464	Dynamic assessment of Internet public opinions based on the probabilistic linguistic Bayesian network and Prospect theory. 2021 , 106, 107359	5
463	A Picture Fuzzy Multiple Criteria Decision-Making Approach Based on the Combined TODIM-VIKOR and Entropy Weighted Method. 2021 , 13, 1172	6

462	New fuzzy mean codeword length and similarity measure. 1	1
461	Principal Component Analysis and Factor Analysis for an Atanassov IF Data Set. 2021 , 9, 2067	1
460	A comprehensive model and computational methods to improve Situation Awareness in Intelligence scenarios. 2021 , 51, 1-24	3
459	Using the Semantic Information G Measure to Explain and Extend Rate-Distortion Functions and Maximum Entropy Distributions. 2021 , 23,	
458	A resource flow-based branch-and-bound algorithm to solve fuzzy stochastic resource-constrained project scheduling problem. 2021 , 25, 14315	1
457	A novel approach for the analysis of time-course gene expression data based on computing with words. 2021 , 120, 103868	
456	Comparison of fuzzy semi-Markov models for one unit with mixed standby units with and without preventive maintenance using regenerative point method. 2021 , 7, e07717	0
455	Attribute reduction methods in fuzzy rough set theory: An overview, comparative experiments, and new directions. 2021 , 107, 107353	16
454	Research developments in adaptive intelligent vibration control of smart civil structures. 146134842110327	2
453	Reduction in a fuzzy probabilistic information system. 2021 , 41, 2847-2863	
452	Toward a Safe Pedestrian Walkability: A Real-Time Reactive Microservice Oriented Ecosystem. 2022 , 439-451	
451	A novel approach of three-way decisions with information interaction strategy for intelligent decision making under uncertainty. 2021 , 581, 106-135	3
450	An Ensemble Fuzziness-Based Online Sequential Learning Approach and Its Application. 2021 , 255-267	3
449	Finite Difference Approximation to Fuzzy Heat Equation in Cylindrical and Spherical Polar Co-ordinates. 2021 , 819-831	
448	Real-Time Swing-Up Control of Non-Linear Inverted Pendulum Using Lyapunov Based Optimized Fuzzy Logic Control. 2021 , 1-1	2
447	The novel entropy measurements of Z+-numbers and their application on multi-attribute decision making problem. 2021 , 40, 131-148	
446	Uncertainty and Information: Emergence of Vast New Territories. 2006 , 3-28	1
445	From Computing with Numbers to Computing with Words [From Manipulation of Measurements to Manipulation of Perceptions. 1999 , 507-544	18

444	From Computing with Numbers to Computing with WordsFrom Manipulation of Measurements to Manipulation of Perceptions. 2000 , 3-40	14
443	Measures of ambiguity in the analysis of complex systems. 1977 , 382-389	2
442	Data and Cluster Weighting in Target Selection Based on Fuzzy Clustering. 2003 , 568-575	1
441	A Study on Fuzzy Random Linear Programming Problems Based on Possibility and Necessity Measures. 2003 , 725-732	3
440	Basis of a Fuzzy Knowledge Discovery System. 2000 , 24-33	3
439	A classification and relationship extraction scheme for relational databases based on fuzzy logic. 1998 , 414-416	6
438	Encyclopedia of Complexity and Systems Science. 2009 , 4047-4059	17
437	Noncommutative Probability and Applications. 2004 , 199-238	2
436	Fuzzy Logic in Computer Science. 2011 , 385-419	13
435	Computational Complexity. 2012 , 1211-1239	2
434	From Computing With Numbers to Computing With Words - From Manipulation of Measurements to Manipulation of Perceptions. 2001 , 1-25	5
433	Fundamentals of a Generalized Measure Theory. 1999 , 633-651	4
432	Fuzzy Sets and Possibility Theory in Approximate and Plausible Reasoning. 1999 , 15-190	44
431	Learning Fuzzy Decision Rules. 1999 , 279-304	13
430	Fuzzy Set-Theoretic Methods in Statistics. 1998 , 311-347	17
429	Reliability. 1998 , 391-420	3
428	Fuzzy Decision Trees and Databases. 1997 , 277-288	6
427	Quantified Statements and Some Interpretations for the OWA Operator. 1997 , 241-257	5

426	Approximate Reasoning Systems: Handling Uncertainty and Imprecision in Information Systems. 1997 , 369-395	6
425	Characterization of Fuzzy Measures by Classical Measures. 1980 , 25-33	2
424	. 1988 ,	0
423	From Bayesian Inference to Logical Bayesian Inference. 2018 , 11-23	2
422	Representations of Uncertainty in Artificial Intelligence: Probability and Possibility. 2020 , 69-117	5
421	Dynamic Pricing Using Thompson Sampling with Fuzzy Events. 2020 , 653-666	1
420	Fuzzy Sets, L-Sets, Flou Sets. 1975 , 12-42	9
419	Integral Sums and Integrals. 2014 , 63-78	2
418	Belief Functions on MV-Algebras of Fuzzy Sets: An Overview. 2014 , 173-200	2
417	Probabilistic Fuzzy Systems as Additive Fuzzy Systems. 2014 , 567-576	4
416	Probabilistic Solution of Zadeh's Test Problems. 2014 , 536-545	6
415	On the Continuity of Probability on IF Sets. 2015 , 63-70	1
414	On Finitely Additive IF-States. 2015 , 149-156	2
413	Embedding of IF-States to MV-Algebras. 2015 , 157-162	1
412	On Partially Ordered Product Spaces. 2016 , 29-35	1
411	Time Varying Correlation Estimation Using Probabilistic Fuzzy Systems. 2016 , 752-763	1
410	The Fuzzy Approach to Assessment of ANOVA Results. 2016 , 260-268	17
409	On Invariant Measures on Intuitionistic Fuzzy Sets. 2018 , 529-534	3

408	An Interactive Satisficing Method through the Variance Minimization Model for Fuzzy Random Multiobjective Linear Programming Problems. 2003 , 171-176	2
407	Precisiated Natural Language. 2007 , 33-59	4
406	A Probabilistic Approach to Fuzzy Engineering Economic Analysis. 2008 , 217-230	2
405	Risk Modeling for Policy Making. 2008 , 1-18	1
404	Probability Error in Global Optimal Hierarchical Classifier with Intuitionistic Fuzzy Observations. 2009 , 533-540	1
403	Probability Error in Bayes Optimal Classifier with Intuitionistic Fuzzy Observations. 2009 , 359-368	1
402	Modeling of Operative Risk Using Fuzzy Expert Systems. 2010 , 135-159	8
401	Fuzzy Probabilities: Tentative Discussions on the Mathematical Concepts. 2010 , 139-148	4
400	Clustering Fuzzy Data Using the Fuzzy EM Algorithm. 2010 , 333-346	3
399	Costs-Sensitive Classification in Multistage Classifier with Fuzzy Observations of Object Features. 2011 , 245-252	4
398	Trace of Objects to Retrieve Prediction Patterns of Activities in Smart Homes. 2011 , 353-356	3
397	Multicriteria Decision Making by Means of Interval-Valued Choquet Integrals. 2011 , 269-278	6
396	The Experimenter and the Theoretician [Linguistic Synthesis to Tell Machines What to Do. 2012 , 329-358	4
395	Modified Bacterial Foraging Optimization Technique for Vector Quantization-Based Image Compression. 2013 , 131-152	4
394	On a View of Zadeh's Z-Numbers. 2012 , 90-101	15
393	Cumulative Distribution Function Estimation with Fuzzy Data: Some Estimators and Further Problems. 2013 , 83-91	1
392	Recognition Task with Feature Selection and Weighted Majority Voting Based on Interval-Valued Fuzzy Sets. 2012 , 204-209	9
391	The Membership of a Fuzzy Set as Coherent Conditional Probability. 2013 , 631-635	1

390	Stochastic Fuzzy Sets: A Survey. 1988 , 168-183	12
389	Fuzzy Dynamic Programming with Stochastic Systems. 1988 , 266-285	11
388	Probabilistic-Possibilistic Approach to Some Statistical Problems with Fuzzy Experimental Observations. 1988 , 286-306	7
387	Decision Evaluation Methods Under Uncertainty and Imprecision. 1988 , 48-65	10
386	Theory and Applications of Fuzzy Statistics. 1988 , 89-112	2
385	A Quantitative Approach to Approximate Reasoning in Rule-based Expert Systems. 1988 , 199-256	3
384	Elements of a Fuzzy Geometry for Visual Space. 1994 , 333-342	1
383	The Applicability of Generalized Constraints in Spatio-Temporal Database Modelling and Querying. 2004 , 127-158	1
382	On the Relation of Probability, Fuzziness, Rough and Evidence Theory. 2015 , 1-15	2
381	Fuzzy Theorie als Alternative zur Stochastik [Was heiÙ hier: Eine Alternative?]. 1999 , 239-243	2
380	Probability of Intuitionistic Fuzzy Events. 2002 , 105-115	29
379	Some Reflections on Information Granulation and its Centrality in Granular Computing, Computing with Words, the Computational Theory of Perceptions and Precisiated Natural Language. 2002 , 3-20	19
378	Basic Issues of Computing with Granular Probabilities. 2002 , 339-349	1
377	From Computing with Numbers to Computing with Words: From Manipulation of Measurements to Manipulation of Perceptions. 2002 , 81-117	21
376	Statistical classes and fuzzy set theoretical classification of probability distributions. 2002 , 173-195	4
375	Convergence in graph for fuzzy valued martingales and smartingales. 2002 , 72-89	6
374	Fuzzy Dynamic Programming: Basic Issues and Problem Classes. 2001 , 1-25	2
373	A Reminder on Fuzzy Logic. 2001 , 25-47	2

372	From Computing with Numbers to Computing with Words [From Manipulation of Measurements to Manipulation of Perceptions. 2000 , 3-37	4
371	Fuzzy Performance Indicators for the Control of Manufacturing Processes. 1998 , 225-248	2
370	From Geometrical Molecules to Topological Molecules: A Quantum Mechanical View. 1988 , 61-81	4
369	Fuzzy Sets, Usuality and Commonsense Reasoning. 1987 , 289-309	2
368	The Information Energy Gain as a Criterion of Comparison Between Fuzzy Informations Systems. 1986 , 599-606	1
367	Hybrid Data [Various Associations Between Fuzzy Subsets and Random Variables. 1986 , 171-211	2
366	A Theory of Commonsense Knowledge. 1984 , 257-295	39
365	Plausibility Measures [A General Framework for Possibility and Fuzzy Probability Measures. 1984 , 31-50	2
364	Fuzzy Geostatistics - An Integration of Qualitative Description into Spatial Analysis. 1994 , 448-463	3
363	Numerical Representation of Uncertainty. 1998 , 265-309	5
362	Shape in Quantum Chemistry. 1997 , 519-550	2
361	Quantifying Vagueness and Possibility: New Trends in Knowledge Representation. 1990 , 399-422	3
360	A Glance at Non-Standard Models and Logics of Uncertainty and Vagueness. 1993 , 169-222	4
359	Extended VIKOR [MODIM Approach Based on Entropy Weight for Intuitionistic Fuzzy Sets. 2021 , 95-108	1
358	Application of fuzzy rule induction to data mining. 1998 , 260-271	4
357	Multi-criteria COPRAS Method Based on Parametric Measures for Intuitionistic Fuzzy Sets: Application of Green Supplier Selection. 2020 , 44, 1645-1662	59
356	FUZZY PROBABILITIES AND THEIR ROLE IN DECISION ANALYSIS. 1982 , 15-21	6
355	FUZZINESS IN INFORMATIVE LOGICS. 1975 , 97-124	3

354	Fuzzy Concepts in Human Factors/Ergonomics Research. 1986 , 6, 41-54	5
353	Modeling Uncertain and Vague Knowledge in Possibility and Evidence Theories. 1990 , 303-318	13
352	FUZZ-EQ: A data equalizer for boosting the discrimination power of fuzzy classifiers. 2020 , 93, 106399	3
351	Graph-based semi-supervised learning: A review. 2020 , 408, 216-230	25
350	A crystallographic structure refinement approach using ab initio quality additive, fuzzy density fragments. 1998 , 115-149	18
349	Molecular similarity measures of conformational changes and electron density deformations. 1996 , 89-120	21
348	Bayesian testing of fuzzy parametric hypotheses from fuzzy information. 1993 , 27, 189-199	12
347	Generalized Theory of Uncertainty: Principal Concepts and Ideas. 2011 , 104-150	5
346	Probability, Vague Statements and Fuzzy Sets. 1980 , 47, 38-55	5
345	Multi-attribute information technology project selection using fuzzy axiomatic design. 2005 , 18, 275-288	24
344	Information Granules of Higher Type and Higher Order, and Hybrid Information Granules. 2013 , 47-60	1
343	Chaos, Fractal in Biology, Biothermodynamics and Matrix Representation on Hypercycle. 2013 , 11,	2
342	Upgrading Probability via Fractions of Events. 2016 , 24, 29-41	8
341	Divisible extension of probability. 2020 , 70, 1445-1456	2
340	Testing and Ranking Multiple Wafer-Manufacturing Processes With Fuzzy-Quality Data. 2016 , 44, 20150262	5
339	A Novel Probabilistic Distance Measure for Picture Fuzzy Sets with its Application in Classification Problems. 1-20	2
338	Real Functions in Stochastic Dependence. 2019 , 74, 17-34	3
337	Product of Measurable Spaces and Applications. 2019 , 74, 47-56	4

336	Intelligent Decision Making in Training Based on Virtual Reality. 2010 , 85-123	7
335	Granular Computing Models for Knowledge Uncertainty. 2011 , 22, 676-694	16
334	Dynamic Trust Evaluation Model Under Distributed Computing Environment. 2011 , 34, 55-64	3
333	Entropy-Based Fuzzy Information Measures. 2012 , 35, 796-801	5
332	EVALUATE PUBLIC-PRIVATE-PARTNERSHIP'S ADVANCEMENT USING DOUBLE HIERARCHY HESITANT FUZZY LINGUISTIC PROMETHEE WITH SUBJECTIVE AND OBJECTIVE INFORMATION FROM STAKEHOLDER PERSPECTIVE. 2019 , 25, 386-420	31
331	Construction of Normal Fuzzy Numbers using the Mathematics of Partial Presence. 2014 , 109-126	2
330	Ant Colony Algorithms for Data Learning. 2013 , 4, 1-10	1
329	A Probe for Consistency in CAPE and CINE During the Prevalence of Severe Thunderstorms: Statistical \mathbb{I} Fuzzy Coupled Approach. 2011 , 01, 197-205	6
328	The Approach to Probabilistic Decision-Theoretic Rough Set in Intuitionistic Fuzzy Information Systems. 2020 , 12, 1-26	2
327	System identification, fuzzy control and simulation of a kite power system with fixed tether length. 2018 , 3, 275-291	3
326	Uncertain Reasoning Algorithm Under the Hesitant Fuzzy Environment. 2021 , 49-81	
325	Probability Theory. 2000 , 93-127	
324	Literatur. 2001 , 217-232	
323	Calculation vs. Subjective Assessment with Respect to Fuzzy Probability. 2001 , 392-411	3
322	Statistical Design Optimization. 2001 ,	
321	Change-Detection Using Contextual Information and Fuzzy Entropy Principle. 2002 , 285-293	
320	Blackwell Sufficiency and Fuzzy Experiments. 2002 , 236-243	
319	Microbiological index of water quality (mWQI) tested on the Gruza reservoir. 2002 , 54, 75-78	

- 318 Fuzzy Conjoint Analysis. **2002**, 255-265
- 317 On Multivalued Logic and Probability Theory. **2002**, 134-139 0
- 316 Probabilities of Fuzzy Events Based on Scalar Cardinalities. **2002**, 92-97 0
- 315 Introduction. **2002**, 3-21
- 314 Knowledge Discovery with Words Using Cartesian Granule Features: An Analysis for Classification Problems. **2002**, 46-90
- 313 Fuzzy Risk Calculation. **2002**, 325-363
- 312 Self-Organisation of the Community: Democratic Republic or Anarchic Utopia. **2002**, 79-93 2
- 311 Random Set-Based Approaches for Modelling Fuzzy Operators. **2003**, 1-25
- 310 Generalizations of Information Granules. **2003**, 99-124
- 309 Generating Membership Functions for a Noise Annoyance Model from Experimental Data. **2003**, 51-67 4
- 308 Induction of Fuzzy Prototypes with Feature Selection. **2004**, 471-478
- 307 On the Notion of Statistical Fuzzy Entropy. **2004**, 535-542 1
- 306 Mechanism of Trust in Panel System. **2004**, 115-135
- 305 Fuzzy Multivariate Analysis. **2004**, 166-172
- 304 Modelling and Uncertainty in System Analysis for Safety Assessment. **2004**, 2289-2294
- 303 Estimation of Higher Order Correlation Information between Sound and Electromagnetic Waves Leaked from VDT Environment Based on Fuzzy Probability and the Prediction of Probability Distribution. **2004**, 124, 2108-2115 2
- 302 Characterization of the Scalar (s,t)-Additive Measures: Probabilities and Cardinalities. **2004**, 227-234
- 301 Logo Recognition and Detection with Geostatistical, Stochastic, and Soft-Computing Models. **2004**, 277-307

- 300 Fuzzy Dynamic Programming with Stochastic Systems under Various Aggregation Operators: Solvability and Perceived Meaning. **2004**, 551-558
- 299 An Online Hierarchical Fuzzy Rule Based System for Mobile Robot Controllers. **2004**, 309-320
- 298 References. **2004**, 157-167
- 297 Data Mining Method from Text Database. **2005**, 1122-1128
- 296 A Fuzzy Adaptive Filter for State Estimation of Unknown Structural System and Evaluation for Sound Environment. **2005**, 1161-1170
- 295 Normal Fuzzy Probability for Quadratic Fuzzy Number. **2005**, 15, 277-281 5
- 294 ON THE EXPONENTIAL FUZZY PROBABILITY. **2006**, 21, 385-395
- 293 Bibliography. **2006**, 353-368
- 292 Dual Scaling in Data Mining from Text Databases. **2006**, 10, 451-457 3
- 291 Classification Accuracy in Local Optimal Strategy of Multistage Recognition with Fuzzy Data. **2007**, 364-370
- 290 State Estimation for Sound Environment System with Unknown Structure by Introducing Fuzzy Theory. **2007**, 127, 770-777 3
- 289 Three-Level Image Segmentation Based on Maximum Fuzzy Partition Entropy of 2-D Histogram and Quantum Genetic Algorithm. **2008**, 484-493 3
- 288 Intuitionistic Fuzzy Observations in Local Optimal Hierarchical Classifier. **2009**, 303-310
- 287 Fuzzy Integral on Credibility Measure. **2009**, 253-261
- 286 Encyclopedia of Complexity and Systems Science. **2009**, 4018-4047
- 285 Encyclopedia of Complexity and Systems Science. **2009**, 4059-4080 1
- 284 AFS Logic, AFS Structure and Coherence Membership Functions. **2009**, 111-166 0
- 283 The concept of Emorphism as a probability measure on the set of effects. **2009**, 19, 371-374 1

- 282 Fuzzy Measures and Granular Computing. **2010**, 759-765
- 281 Risk Modeling for Decision Support. **2010**, 375-388
- 280 A Partition of Feature Space Based on Information Energy in Classification with Fuzzy Observations. **2010**, 159-166
- 279 Fuzzy Logic. **2010**, 83-108 1
- 278 Adaptive Method for State Estimation of Sound Environment System with Uncertainty and its Application to Psychological Evaluation. **2010**, 02, 212-219 1
- 277 Estimation of Possibility-Probability Distributions. **2010**, 338-347
- 276 Fuzzy Sets and Fuzzy Logic-Based Methods in Multicriteria Decision Analysis. **2010**, 157-175
- 275 Randomness and Fuzziness in Bayes Multistage Classifier. **2010**, 532-539 1
- 274 Mutual Information Analysis with Similarity Measure. **2010**, 10, 218-223
- 273 Estimations of the Error in Bayes Classifier with Fuzzy Observations. **2011**, 123-131
- 272 Risk Analysis. **2011**, 125-149 1
- 271 Attribute Reduction in Random Information Systems with Fuzzy Decisions. **2011**, 223-230
- 270 Statistical Estimations of Lattice-Valued Possibilistic Distributions. **2011**, 688-699
- 269 Axiomatic Investigation of Fuzzy Probabilities. **2012**, 125-140 3
- 268 Computational Complexity. **2012**, 1253-1273
- 267 A Confidence Representation Theorem for Ambiguous Sources with Applications to Financial Markets and Trade Algorithm.
- 266 New AdaBoost Algorithm Based on Interval-Valued Fuzzy Sets. **2012**, 794-801 1
- 265 Computational Complexity. **2012**, 1240-1252

- 264 Normal fuzzy probability for generalized triangular fuzzy sets. **2012**, 22, 212-217 3
- 263 NORMAL FUZZY PROBABILITY FOR GENERALIZED QUADRATIC FUZZY SETS. **2012**, 25, 217-225 2
- 262 Application of the Discrete Possibilistic Model of the EFDS to the Evaluation of Expert Knowledge Streams. **2013**, 293-345
- 261 Extended Extremal Monotone Measures. **2013**, 95-130
- 260 Identification of Fuzzy-Integral Models of Extremal Fuzzy Processes. **2013**, 201-227
- 259 Optimization of Continuous Controllable Extremal Fuzzy Processes and the Choice of Decisions. **2013**, 229-253
- 258 Summary of Chapters 38. **2013**, 289-290
- 257 Introduction. **2013**, 3-23
- 256 Forecasting Decreasing Financial Risk of the Georgia-Based Organization Industria Kiri Ltd. by a Finite Model of a Possibilistic Dynamic System. **2013**, 347-367
- 255 Modeling of Extremal and Controllable Extremal Fuzzy Processes. **2013**, 165-199
- 254 On the Genetic Algorithms Approach and Software Library. **2013**, 369-374
- 253 Monotone Measure Probability Representations and Weighted Fuzzy Statistics. **2013**, 25-94
- 252 Extended Extremal Monotone Measures on Composition Products of Measurable Spaces. **2013**, 131-164
- 251 On Fuzzy Data Analysis. **2013**, 343-347 1
- 250 Zadeh Fuzzy Probability, De Finetti Subjective Probability and Prevision. **2013**, 415-420
- 249 Fuzzy Sets and Fuzzy Logic. **2013**, 1-64 1
- 248 Irrationality Re-Examined: A Few Comments on the Conjunction Fallacy. **2013**, 03, 329-336
- 247 Correlated Trends: A New Representation for Imperfect and Large Dataseries. **2013**, 305-316

- 246 Choquet Integrals and T-Supermodularity. **2013**, 61-75 0
- 245 On the Bounds on Optimal Bayes Error in the Task of Multiple Data Sources. **2013**, 201-208 1
- 244 Signal Processing in Power State Variables for Noise Cancellation of Electromagnetic Environment. **2013**, 133, 441-449
- 243 Continuous T-norms and T-conorms Satisfying the Principle of Inclusion and Exclusion. **2013**, 179-186
- 242 On a Meeting Point between Fuzzy Sets and Statistics. **2013**, 199-204
- 241 A Goodbye to the Aristotelian Weltanschauung and a Handbook of Analytical Philosophy of Medicine. **2013**, 19-76 1
- 240 NORMAL FUZZY PROBABILITY FOR TRAPEZOIDAL FUZZY SETS. **2013**, 29, 269-278
- 239 Real Functions and the Extension of Generalized Probability Measures. **2013**, 55, 85-94 2
- 238 Measurable Structures of $\{\text{cal I}\}$ -Fuzzy Rough Sets. **2014**, 92-99
- 237 The X-Approach: In Theory and Practice. **2014**, 406-415
- 236 What is Wrong with Moral Hazard and Adverse Selection Problems in the Conventional Economic Theory.
- 235 Probabilistic Reasoning in a Fuzzy Context. **2014**, 97-115 1
- 234 Fuzzy Sets Can Be Interpreted as Limits of Crisp Sets, and This Can Help to Fuzzify Crisp Notions. **2014**, 327-337
- 233 CONDITIONAL FUZZY MEASURES AND THEIR APPLICATIONS. **1975**, 151-170 7
- 232 Fuzzy Automata, Fuzzy Languages, and Fuzzy Algorithms. **1975**, 122-151
- 231 BIBLIOGRAPHY ON FUZZY SETS AND THEIR APPLICATIONS. **1975**, 477-496 1
- 230 Some Remarks about Complexity. **1976**, 1976, 543-547
- 229 Juristische Begriffstheorie und Theorie unscharfer Mengen (Fuzzy Sets Theory). **1976**, 129-165 1

- 228 Fuzzy Sets and Possibility Theory in Reliability Studies of Man Machine Systems. **1980**, 267-273 1
- 227 Fuzzy Statistics and Policy Analysis. **1980**, 133-145 2
- 226 On Modeling Interpersonal Communications. **1980**, 309-320 2
- 225 SOME MODEL APPLICATIONS OF THE FUZZY SETS THEORY IN DECISION-MAKING. **1981**, 133-140
- 224 Research Guide to Applications of Fuzzy Set Theory in Human Factors. **1986**, 6, 395-450
- 223 The Possibility Function of Fuzzy Critical Flicker Frequency - Changes Under Mental Load and Fatigue. **1986**, 6, 289-300
- 222 The New Palgrave Dictionary of Economics. **1987**, 1-5 1
- 221 An axiomatics for fuzzy information. **1987**, 151-158
- 220 Uncertainty Propagation in Production-Rule Systems Using a Probability-Possibility Approach. **1988**, 863-873
- 219 Fuzzy P-Measures and their Application in Decision Making. **1988**, 75-88 1
- 218 Towards a Theory of Distributed Statistical Decision Involving Subjective Factors. **1988**, 321-335
- 217 Fuzzy Random Variables. **1988**, 66-74 0
- 216 The Use of Possibility Concepts in Fuzzy Logic Reliability Applications. **1988**, 288-295
- 215 Probabilistic Sets [A Survey]. **1988**, 184-196
- 214 On the Combination of Vague Evidence of the Probabilistic Origin. **1988**, 135-144
- 213 A new approach to introducing semantics and subjectivity in approximate reasoning. **1988**, 9-16
- 212 Sequential bayesian test from fuzzy experimental information. **1988**, 314-321
- 211 A. **1988**, 1-323

- 210 Induction and Uncertainty Management Techniques Applied to Veterinary Medical Diagnosis. **1990**, 369-381
- 209 A Unified Approach to Informational Entropies via Minkowskian Observation. **1990**, 150-179
- 208 A Theory of Subjective Information. **1990**, 100-127
- 207 Die Theorie der unscharfen Mengen. **1991**, 4-46
- 206 Probabilistic Sets Probabilistic Extension of Fuzzy Sets. **1992**, 335-354
- 205 Triangular Norms and Some Applications to Measure and Game Theory. **1992**, 89-105
- 204 An Algebraic Approach to Reasoning with Conditional Information. **1993**, 133-142 0
- 203 Ergänzende Literatur. **1993**, 233-247
- 202 Introduction. **1993**, 1-19 1
- 201 Uncertainty and Informativeness. **1993**, 191-196
- 200 Possibility Theory and Soft Data Analysis. **1993**, 478-508
- 199 RECONCILIATION OF THE YES-NO VERSUS GRADE OF MEMBERSHIP DUALISM IN HUMAN THINKING. **1993**, 854-860
- 198 WEIGHTED FUZZY PATTERN MATCHING**This work is supported by the Programme de Recherche Concerté: Intelligence Artificielle (PRC-IA), sponsored by MRT and CNRS, France.. **1993**, 676-685 1
- 197 Fuzzy neural control. **1994**, 413-434 2
- 196 Classical and Fuzzy Differential Methods in Shape Analysis. **1994**, 319-332
- 195 Combined Probability-Possibility Evaluation Theory for Structural Reliability. **1995**, 341-357 0
- 194 Fuzzy Dynamic Programming: A New Quality Through Fuzzy Sets. **1995**, 137-154
- 193 A STOCHASTIC EVALUATION FOR ACOUSTIC ENVIRONMENTAL SYSTEM BY INTRODUCING TWO TYPE INFORMATION PROCESSING METHODS BASED ON REGRESSION MODEL OF EXPANSION SERIES TYPE AND FUZZY PROBABILITY. **1995**, 1995, 125-130

- 192 Probability Distributions of Polysemantic Expressions. **1996**, 516-525
- 191 Imprecision and Uncertainty. **1996**, 39-46 1
- 190 Extracting knowledge from data using an intelligent fuzzy data browser. **1997**, 81-100 0
- 189 Fuzzy Sets. **1998**, 73-129
- 188 Decision Analysis by Advanced Fuzzy Systems. **1999**, 223-242 5
- 187 Systems Analytic Models for Fuzzy Risk Estimation. **1999**, 195-220 1
- 186 Einleitung. **1999**, 1-37
- 185 Fuzzy Dynamic Programming: Basic Aspects. **1999**, 49-67
- 184 Normal and exponential fuzzy probability for generalized trigonometric fuzzy sets. **2014**, 24, 398-402
- 183 Bibliography. 163-195
- 182 Connecting Interval-Valued Fuzzy Sets with Imprecise Probabilities. **2015**, 47-54
- 181 Fuzzy Sets: Towards the Scientific Domestication of Imprecision. **2015**, 609-642
- 180 Uncertainty Analysis Using Fuzzy Random Set Theory. **2016**, 384-418
- 179 Fundamentals of Fuzzy Information Measures. **2016**, 1-22 2
- 178 A State Estimation Method for Sound Environment Based on a Fuzzy Bayesian Filter by Considering Finite Level Range. **2016**, 52, 385-392
- 177 Sufficiency, Completeness, and Unbiasedness Based on Fuzzy Sample Space. **2016**, 101-118
- 176 Pan-uncertain Measure. **2016**, 89-97
- 175 Parametric Generalized R-norm Fuzzy Information and Divergence Measures. **2016**, 23-52

- 174 A Note on L-Fuzzy Bags and Their Expected Values. **2016**, 66, 73-80 1
- 173 A Program Threat Judgement Model Based on Fuzzy Set Theory. **2017**, 221-233
- 172 On the Meaning and the Measuring of Probable **2017**, 3-25
- 171 State Estimation for Fuzzy Sound Environment System with Finite Amplitude Fluctuation. **2017**, 10, 625-638 1
- 170 Interval-Based Possibilistic Logic in a Coherent Setting. **2017**, 75-84 1
- 169 Questions on Uncertain, Possible, and Probable. **2017**, 127-144
- 168 Fuzzy Decision Matrices in Case of a Discrete Underlying Fuzzy Probability Measure. **2018**, 129-137
- 167 About Fisher-Tippett-Gnedenko Theorem for Intuitionistic Fuzzy Events. **2018**, 125-135 1
- 166 Bibliography. **2017**, 168-173
- 165 A Hierarchy-Aware Approach to the Multiaspect Text Categorization Problem. **2018**, 49-62 1
- 164 A Short Reflection on the Word Probable in Language. **2018**, 753-764
- 163 No-Reference Methods and Fuzzy Sets. **2018**, 71-85
- 162 Credibility of fuzziness: theory and application. **2018**, 164-170
- 161 The New Palgrave Dictionary of Economics. **2018**, 4995-4999
- 160 Estimating the Parameters of Normal Distribution from Imprecise Data. **2019**, 47, 20170343
- 159 Fuzzy Bayesian Filter for Sound Environment by Considering Additive Property of Energy Variable and Fuzzy Observation in Decibel Scale. **2018**,
- 158 Frequent Itemset Mining on Uncertain Database Using OWA Operator. **2019**, 745-755 1
- 157 Probability Integral as a Linearization. **2018**, 72, 1-15 6

- 156 Algebraic Properties of (Z)-Numbers Under Multiplicative Arithmetic Operations. **2019**, 33-41
- 155 Algebraic Properties of Z-Numbers Under Additive Arithmetic Operations. **2019**, 893-900
- 154 Methodology for Solving Multi-Objective Quadratic Programming Problems in a Fuzzy Stochastic Environment. **2019**, 177-217
- 153 Introduction and Historical Background. **2019**, 1-26
- 152 Fuzzy Multi-Objective Programming With Joint Probability Distribution. **2019**, 263-295
- 151 Approximate Bayesian Estimation Based on Fuzzy Interval Data from Multi-Dimensional Normal Distribution. **2019**, 31, 672-689
- 150 Reliability-based design optimization under fuzzy and interval variables based on entropy theory. **2019**, 21, 430-439
- 149 A Novel VIKOR-TODIM Approach Based on Havrda-Charvat-Šallís Entropy of Intuitionistic Fuzzy Sets to Evaluate Management Information System. **2019**, 11, 357-384 2
- 148 A Brief Introduction to Fuzzy Sets. **2020**, 11-29
- 147 About One Mathematical Model of Reliability and Safety of Complex Systems. **2020**, 712-719
- 146 The Probability of Dual Hesitant Fuzzy Event and Its Applications to Bayesian Network Inferences. **2020**, 736-755
- 145 Application of Fuzzy Logic in Selection of Best Well for Hydraulic Fracturing in Oil and Gas Fields. **2020**, 413-419
- 144 Inference for the linear combination of two independent exponential random variables based on fuzzy data. 1-11 1
- 143 On (R, S)-Norm Entropy of Intuitionistic Fuzzy Sets. **2020**, 785-796
- 142 Foundation of Z-Numbers and Engineering Applications. **2020**, 15-24 5
- 141 RESEARCH ON THE EVOLUTION OF INNOVATION BEHAVIOR OF NEW GENERATION ENTREPRENEURS IN DIFFERENT SCENARIOS. **2020**, 26, 1098-1124 1
- 140 Convergence of Intuitionistic Fuzzy Observables. **2021**, 29-39 1
- 139 On States on Fuzzy MV-algebra. **2021**, 40-46

- 138 On the Use of Fuzzy Sets Weighted Subsethood Indicators in a Text Categorization Problem. **2021**, 341-362 0
- 137 Assessment of technical risk in maintenance and improvement of a manufacturing process. **2020**, 10, 658-664 1
- 136 Higher Type, Higher Order Fuzzy Sets and Hybrid Fuzzy Sets. **2021**, 95-108
- 135 Measures of uncertainty for a fuzzy probabilistic approximation space. **2021**, 1-24
- 134 Sine Entropy of Uncertain Random Variables. **2021**, 13, 2023 0
- 133 The Spaces of Fuzzy Probability and Possibility (I). **1983**, 59-70
- 132 Mining Frequent Itemsets over Vertical Probabilistic Dataset Using FuzzyUeclat Algorithm. **2020**, 266-278
- 131 Mapping Different Types of Shorelines from Coarse-Resolution Imagery: Fuzzy Classification Method Can Deliver Greater Accuracy. **2020**, 37,
- 130 Expert group information formalization based on Z-numbers. **2020**, 1703, 012010 4
- 129 The Hotel Site Selection: Determining Locational Factors by Fuzzy TOPSIS. **2020**, 10, 213-228 1
- 128 Fuzzy inference system application for oil-water flow patterns identification. **2022**, 239, 122359 1
- 127 A Robust Fault Diagnosis Strategy in Mechanical Systems Using Pythagorean Fuzzy Sets. **2021**, 199-210 0
- 126 Applications of Z-Numbers and Neural Networks in Engineering. **2020**, 12-25 1
- 125 Fuzzy Statistical Inference. **2021**, 115-175
- 124 Behavioral Path Planning. 126-153
- 123 Portfolio Selection Models and Their Discrimination. 170-195
- 122 Building Fuzzy Models of Stochastic Processes to Determine Probabilistic and Linguistic Types of Uncertainty. 230-245
- 121 Fuzzy Logic Applications for Performance-Based Design. 239-260

- 120 On Solving Multiobjective Transportation Problems With Fuzzy Random Supply and Demand Using Fuzzy Goal Programming. 791-821
- 119 Approach to Intelligent Adaptive Testing. **2000**, 241-249
- 118 A Foundation for Computing with Words: Meta-Linguistic Axioms. **2005**, 375-390 1
- 117 Probability of Misclassification in Bayesian Hierarchical Classifier. **2005**, 341-348 2
- 116 Self-Referential Reasoning in the Light of Extended Truth Qualification Principle. **2009**, 209-219
- 115 Ontological and Epistemological Grounding of Fuzzy Theory. **2007**, 109-118
- 114 Similarities for Crisp and Fuzzy Probabilistic Expert Systems. **2008**, 23-42
- 113 Intuitionistic Fuzzy Approximations and Intuitionistic Fuzzy Sigma-Algebras. **2008**, 355-362 0
- 112 On the applied basis of λ -additive fuzzy measures.
- 111 Decision Rules Under Vague and Uncertain Information. **2021**, 85-97
- 110 Basic Concepts of Neural Networks and Deep Learning and Their Applications for Pipeline Damage Detection. **2021**, 101-119 1
- 109 Dynamic Programming with Imprecise and Uncertain Information. **2021**, 387-422 1
- 108 Multi-item two-stage fixed-charge 4DTP with hybrid random type-2 fuzzy variable. **2021**, 25, 15083-15114
- 107 Computation of multi-objective two-stage fuzzy probabilistic programming problem. 1 0
- 106 New measures of uncertainty based on the granularity distribution of approximation sets. 1 0
- 105 New entropy propositions for interval-valued spherical fuzzy sets and their usage in an extension of ARAS (ARAS-IVSFS). e12898 0
- 104 Risks to Big Data Analytics and Blockchain Technology Adoption in Supply Chains. 1 4
- 103 Hierarchical Concept Learning by Fuzzy Semantic Cells. **2021**, 11, 10723

102	Multi-attribute Decision-Making Problem Based on TODIM with Gini Simpson Index of Diversity for Intuitionistic Fuzzy Sets. 2022 , 773-785	1
101	Fuzzy Random Variables and Fuzzy Distributions. 2021 , 87-113	
100	A Kaleodoscopic View of Fuzzy Stochastic Optimization*. 2021 , 11, 283-308	0
99	Encyclopedia of Complexity and Systems Science. 2021 , 1-25	
98	Encyclopedia of Finance. 2021 , 1-24	
97	Process structure-based recurrent neural network modeling for predictive control: A comparative study. 2022 , 179, 77-77	5
96	Optimized Fuzzy Enabled Semi-Supervised Intrusion Detection System for Attack Prediction. 2022 , 32, 1479-1492	0
95	Arc Entropy of Uncertain Sets and its Applications.	
94	Simulation Testing of Fuzzy Quality with a Case Study in Pipe Manufacturing Industries. 2022 , 630-635	
93	Towards a Safe Pedestrian Walkability Under Intuitionistic Fuzzy Environment: A Real-Time Reactive Microservice-Oriented Ecosystem. 2022 , 40-47	
92	Łukasiewicz Logic and the Divisible Extension of Probability Theory. 2022 , 78, 119-128	
91	Machine Learning-Based Operational Modeling of an Electrochemical Reactor: Handling Data Variability and Improving Empirical Models.	0
90	A conditional, a fuzzy and a probabilistic interpretation of self-organizing maps.	0
89	Comparison Uncertainty of Different Types of Membership Functions in T2FLS: Case of International Financial Market. 2022 , 12, 918	0
88	Fuzzy bipolar sets in rank-ordering system. 2022 ,	
87	E-Bayesian and Hierarchical Bayesian Estimation of Rayleigh Distribution Parameter with Type-II Censoring from Imprecise Data. 1	3
86	Assessment of the University Competitiveness in the Paradigm of the Humanistic System Behavior. 2022 , 591-598	
85	Cognitive fuzzy preference relations and its applications in decision-making. 1	0

84	Using Fuzzy Sets to Assess Differences in Online Grooming Conversations with Victims, Decoys, and Law Enforcement. 2022 , 171-182	1
83	Neutrosophic Fuzzy Soft Matrix Theory and Its Application in Group Decision Making. 2022 , 741-770	
82	Implement an uncertain vector approach to solve entropy-based four-dimensional transportation problems with discounted costs. 1	1
81	On Z-Intuitionistic Fuzzy Fractional Valuations for Medical Diagnosis: An Intuitionistic Fuzzy Knowledge-Based Expert System. 2022 , 6, 151	0
80	Classic Probability Revisited (II): Algebraic Operations of the Extended Probability Theory. 2022 , 2, 86-95	
79	Classic Probability Revisited (I): Mathematical Models of an Extended Probability Theory. 2022 , 2, 77-85	
78	Fuzzy observables and the universal family of fuzzy events. 2022 ,	
77	Fuzzy improved distribution function and order statistics. 2022 , 411, 114266	
76	Novel Generalized Divergence Measure for Intuitionistic Fuzzy Sets and Its Applications in Medical Diagnosis and Pattern Recognition. 2022 , 191-202	1
75	Analysis of Factors Affecting Density of Vaccine Centers by Fuzzy ELECTRE I Method. 2021 , 5, 182-191	
74	Method for the Analysis of Epistemic and Aleatory Uncertainties for a Reliable Evaluation of Failure of Engineering Structures. 2022 ,	1
73	A possibilistic analogue to Bayes estimation with fuzzy data and its application in machine learning.. 2022 , 1-14	
72	Influence of the Construction Risks on the Cost and Duration of a Project. 2022 , 12, 484	2
71	Novel Distance and Similarity Measures for Probabilistic Hesitant Fuzzy Set and Its Applications in Stock Selection Problems. 2022 , 11, 0-0	
70	Parameters and reliability estimation for the weibull distribution based on intuitionistic fuzzy lifetime data.	0
69	New Fuzzy Extensions on Binomial Distribution. 2022 , 11, 220	0
68	Metric entropy of capacity preserving dynamical systems. 2022 ,	
67	Use of a fuzzy qualitative model to reanalyze radon relationship with atmospheric variables in a coastal area near a NORM repository. 2022 , 28, 102619	1

66	Predicting Autism Spectrum Disorder (ASD) meltdown using Fuzzy Semi-Supervised Learning with NNRW. 2022 ,	1
65	Multi-criteria decision making based on novel fuzzy knowledge measures.	0
64	Examining smart manufacturing challenges in the context of micro, small and medium enterprises. 1-18	1
63	Spatiotemporal Distribution of Drought Based on the Standardized Precipitation Index and Cloud Models in the Haihe Plain, China. 2022 , 14, 1672	0
62	On Agent-Specific Fuzzy Entropy Functions. 2022 , 1-10	
61	Leadership Selection with the Fuzzy Topsis Method in the Hospitality Sector in Sultanahmet Region. 2022 , 10, 2195	1
60	Fuzzy System Reliability Analysis for Kumaraswamy Distribution: Bayesian and Non-Bayesian Estimation with Simulation and an Application on Cancer Data Set. 2022 , 19, 118-139	1
59	Reasoning with fuzzy and uncertain evidence using epistemic random fuzzy sets: General framework and practical models. 2022 ,	1
58	Justification of the study object choice by means of the theory of fuzzy sets. 2022 , 47-51	
57	Developing a Fuzzy Inference System Based on Multi-Sensor Data to Predict Powerful Earthquake Parameters. 2022 , 14, 3203	3
56	Fuzzy Confidence Intervals by the Likelihood Ratio: Testing Equality of Means Application on Swiss SILC Data. 2022 , 3,	
55	Novel distance and entropy definitions for linear Diophantine fuzzy sets and an extension of TOPSIS (LDF-TOPSIS).	0
54	Assessing Integrated TOPSIS Model with Exponential Intuitionistic Entropy Measure: A Case Study. 2022 , 49-57	
53	The Fusion of Discrete Z-Numbers With Application for Fault Diagnosis. 2022 , 71, 1-15	
52	On modeling ambiguity through entropy.	
51	Supplier selection to support environmental sustainability: the stratified BWM TOPSIS method.	1
50	An optimization model for construction project scheduling by considering CO2 emissions with multi-mode resource constraints under interval-valued fuzzy uncertainty.	
49	Rolling Bearing Fault Diagnosis Method Based on Multi-sensor Two-stage Fusion.	0

48	An Approximate Bayesian Selection of Statistical Model Based on Fuzzy Interval Data. 2022 , 34, 635-653	
47	Student-t kernelized fuzzy rough set model with fuzzy divergence for feature selection. 2022 , 610, 52-72	o
46	Interval neutrosophic stochastic dynamical systems driven by Brownian motion. 2022 , 129, 109609	o
45	Selection of optimal lithium ion battery recycling process: A multi-criteria group decision making approach. 2022 , 55, 105557	o
44	Mathematical Modeling and Evaluation of Reliability Parameters Based on Survival Possibilities under Uncertain Environment. 2023 , 134, 1943-1956	o
43	q-Rung Orthopair Fuzzy Supra Topological Applications in Data Mining Process. 2022 , 1-15	o
42	A Fuzzy Real Option Valuation Approach To Capital Budgeting Under Uncertainty Environment. 2022 , 2655-2678	o
41	The Proof of Quantum and Fuzzy Measures as Generalization of Measure That Does Not Generalize Each Other. 2022 , 10, 548-555	o
40	Maximum Likelihood Estimates and a survival function for fuzzy data for the Weibull-Pareto parameters. 2022 , 2322, 012022	o
39	Experimental Study on Shield Tunneling Control in Full Section Water-Rich Sand Layer of Collapsible Loess. 2022 , 2022, 1-17	o
38	Regularity of the Gould and Choquet Integrals. 2023 , 119-144	o
37	Foundations of Fuzzy Sets Theory. 2022 , 1-28	o
36	Optimal design of robust control based on compound form: steady-state performance and control cost.	o
35	Exponential function-driven single-valued neutrosophic entropy and similarity measures and their applications to multi-attribute decision-making. 2022 , 1-10	o
34	Multi-criteria decision-making based on novel fuzzy generalized divergence and knowledge measures.	o
33	Uncertainty guided pruning of classification model tree. 2022 , 110067	o
32	An extended Exp-TODIM method for multiple attribute decision making based on the Z-Wasserstein distance. 2023 , 214, 119114	4
31	Sufficiency and fuzziness in random experiments. 1992 , 44, 451-462	2

- 30 Single-Valued Neutrosophic Entropy and Its Multi-Attribute Decision-Making Model. **2022**, 12, 1327-1333 ○
- 29 Estimating Latent Linear Correlations from Fuzzy Frequency Tables. ○
- 28 Novel exponential fuzzy information measures. ○
- 27 On generalization error of neural network models and its application to predictive control of nonlinear processes. **2023**, 189, 664-679 ○
- 26 An approach to robust condition monitoring in industrial processes using pythagorean membership grades. **2022**, 94, ○
- 25 A Novel Divergence and Fuzzy Divergence Measure in an Uncertain Environment for Multi-Criteria Decision-Making Problems. **2022**, ○
- 24 The aggregation of Z-numbers based on overlap functions and grouping functions and its application on group decision-making. **2022**, ○
- 23 Causal Confirmation Measures: From Simpson's Paradox to COVID-19. **2023**, 25, 143 ○
- 22 Cloud probability: A new uncertain model with fuzziness and randomness properties. **2023**, 1-14 ○
- 21 A New Insight into Entropy Based on the Fuzzy Operators, Applied to Useful Information Extraction from Noisy Time-Frequency Distributions. **2023**, 11, 505 ○
- 20 Some uncertainty measures for probabilistic hesitant fuzzy information. **2023**, 625, 255-276 ○
- 19 Jensen-Shannon Divergence for Smart Buildings' Fuzzy Topological Networks Similarity Analytics. **2022**, 254-261 ○
- 18 Entropy on Fuzzy Generalized Equivalence Relations Lattice. **2022**, 200-207 ○
- 17 Employing fuzzy hypothesis testing to improve modified p charts for monitoring the process fraction nonconforming. **2023**, 633, 141-157 ○
- 16 Possibilistic Reject-Classification Based on Contrastive Learning in Vector Quantization Networks. **2022**, 353-366 ○
- 15 A Novel Fuzzy Semi-supervised Learning Approach for the Classification of Colorectal Cancer (FSSL-CRCC). **2022**, 174-185 ○
- 14 Pareto Optimal Solution of a Fuzzy Newsboy Problem. 1-17 ○
- 13 Component Reliability Estimation Through Competing Risk Analysis of Fuzzy Lifetime Data. **2023**, 181-216 ○

- 12 Fuzzy Information Inequalities, Triangular Discrimination and Applications in Multicriteria Decision Making. **2023**, 235-249 ○
- 11 Three-way decisions with fuzzy probabilistic covering-based rough sets and their applications in credit evaluation. **2023**, 136, 110144 ○
- 10 Fuzzy fatigue life prediction of fiber-reinforced laminated composites by continuum damage mechanics. **2023**, 93, 2081-2095 ○
- 9 Multi-attribute decision-making problem in medical diagnosis using neutrosophic probabilistic distance measures. **2023**, 431-453 ○
- 8 An intuitionistic fuzzy entropy-based gained and lost dominance score decision-making method to select and assess sustainable supplier selection. **2023**, 8, 12009-12039 1
- 7 Addressing challenges in uncertainty quantification: the case of geohazard assessments. **2023**, 16, 1601-1615 ○
- 6 Fuzzy Probability Theory. **2023**, 51-75 ○
- 5 Fuzzy Optimization. **2009**, 755-791 ○
- 4 Foundations of Fuzzy Sets Theory. **2023**, 793-820 ○
- 3 Fermatean fuzzy multi-criteria group decision making approach based on reliability of decision information. **2023**, 1-20 ○
- 2 A normal cloud model-based decision making method under multi-granular probabilistic linguistic environment for evaluating of wetland ecosystem services. **2023**, 120202 ○
- 1 Note on fuzzifying probability density function and its properties. **2023**, 8, 15486-15498 ○